GW - 032

MONITORING REPORT 3

August 2009

Laboratory Analytical Reports

Binder 3

Annual Groundwater Monitoring Report: Gallup Refinery - 2008

Western Refining
Gallup, New Mexico

August 2009

Prepared by:

Gaurav Rajen, Ph.D.
Environmental Engineer

Reviewed by:

Ed Riege, M.P.H.
Environmental Manager

Certified by:

Mark Turri
Refinery Manager

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, January 18, 2008

Jim Lieb
Western Refining Southwest, Gallup Refinery
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Evap. Pond #2 Inlet 1/10/08

Order No.: 0801090

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/10/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0801090
Order: 08010286 HAL03 Receipt: 01-11-08

William P. Blava: President of Assaigal Analytical Laboratories, Inc.

Sample: *0801090-01A POND 2 INLET* Collected: *01-10-08 13:30:00* By:
Matrix: *AQ*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08010286-001A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08001	WC.2008.115.12	C-004	Chemical Oxygen Demand	1350	mg/L	1	10		01-15-08	01-16-08

Sample: *0801090-01B POND 2 INLET* Collected: *01-10-08 13:30:00* By:
Matrix: *AQ*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08010286-002A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
BOD08006	WC.2008.118.15	10-26-4	Biochemical Oxygen Demand	449	mg/L	1	2		01-11-08	01-16-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name GIANTREFIN | Date Received: 1/10/2008

Work Order Number 0801090 | Received by: AT

Sample ID labels checked by TJ (Initials)

Checklist completed by: Jamye Thomin (Signature) Jan 10 08 (Date)

Matrix | Carrier name | Client drop-off

Shipping container/cooler in good condition?		Yes ☑	No ☐	Not Present ☐			
Custody seals intact on shipping container/cooler?		Yes ☐	No ☐	Not Present ☐	Not Shipped	☑	
Custody seals intact on sample bottles?		Yes ☐	No ☐	N/A ☑			
Chain of custody present?		Yes ☑	No ☐				
Chain of custody signed when relinquished and received?		Yes ☑	No ☐				
Chain of custody agrees with sample labels?		Yes ☑	No ☐				
Samples in proper container/bottle?		Yes ☑	No ☐				
Sample containers intact?		Yes ☑	No ☐				
Sufficient sample volume for indicated test?		Yes ☑	No ☐				
All samples received within holding time?		Yes ☑	No ☐				
Water - VOA vials have zero headspace?	No VOA vials submitted ☑		Yes ☐	No ☐			
Water - Preservation labels on bottle and cap match?		Yes ☑	No ☐	N/A ☐			
Water - pH acceptable upon receipt?		Yes ☑	No ☐	N/A ☐			

Container/Temp Blank temperature? 4° *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other:

Client: GIANT REFINING
GALLUP REFINERY

Address: Rt 3 BOX 7
GALLUP, NM 87301

Phone #: 505-722-3833
Fax #: 505-722-0210

Project Name: EVAPORATION POND #2 INLET 1-10-08

Project #:

Project Manager: JIM LIEB

Sampler: BRYON HOLBROOK

Sample Temperature: 4° on ice

0801090

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.
					$HgCl_2$	HNO_3	H_2SO_4	
1/10/08	1:30P	H_2O	POND 2 INLET	1/500mL		X	X	1
1/10/08	1:30P	H_2O	POND 2 INLET	1/1000mL				1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X	X			

Remarks: CC BRYAN @

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
1-10-08	5:05	Bryan Holbrook	
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
			1/10/08 1705

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, January 25, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Evaporation Pond #2 Inlet 1-17-08

Order No.: 0801181

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/17/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0801181
Order: 08010580 HAL03 Receipt: 01-18-08

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0801181-01A POND 2 INLET* Collected: *01-17-08 13:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08010580-001A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08002	WC.2008.177.13	C-004	Chemical Oxygen Demand	1460	mg/L	1	10		01-23-08	01-24-08

Sample: *0801181-01B POND 2 INLET* Collected: *01-17-08 13:00:00* By:
Matrix: *AQUEOUS* *SR9651*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08010580-002A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
BOD08008	WC.2008.157.10	10-26-4	Biochemical Oxygen Demand	462	mg/L	1	2		01-18-08	01-23-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 1/25/2008 10:59:11 AM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name **GIANTREFIN** Date Received: 1/17/2008

Work Order Number 0801181 Received by: TLS

Checklist completed by: _____ 1/17/08 Sample ID labels checked by _____
Signature Date Initials

Matrix Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 6° *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Western Refining Gallup Refinery
Address: ~~Rte 3 Box 7~~ I-40 @ EXIT 39
Jamestown, NM 87347
Phone #: 505-722-3833
Fax #: 505-722-0210

Project Name: EVAPORATION POND #2 INLET 1-17-08
Project #:
Project Manager: JIM LIEB
Sampler: BRYON HOLBROOK
Sample Temperature: 6°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: H_2SO_4	HEAL No.
1-17-08	1:00p	H_2O	POND 2 INLET	1/500mL			X	0801181
1-17-08	1:00p	H_2O	POND 2 INLET	1/1000mL				-1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
													X			
												X				

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
1/17/08	16:00	[signature]	[signature] 1/17/08 16:00
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks: PLEASE COPY BRYON HOLBROOK ON RESULTS VIA E-MAIL

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, February 08, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Evaporation Pond #2 Inlet 1/24/2008

Order No.: 0801257

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/24/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0801257
Order: 08010735 HAL03 Receipt: 01-25-08

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0801257-01A POND 2 INLET* Collected: *01-24-08 12:35:00* By: *SR 9897*
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08010735-001A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
BOD08010	WC.2008.250.19	10-26-4	Biochemical Oxygen Demand	520	mg/L	1	2	1	01-25-08	01-30-08

Sample: *0801257-01B POND 2 INLET* Collected: *01-24-08 12:35:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08010735-002A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08003	WC.2008.305.5	C-004	Chemical Oxygen Demand	1200	mg/L	1	10		02-06-08	02-07-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

1 The Laboratory Control Spike and the Laboratory Control Spike Duplicate recoveries for the Biochemical Oxygen Demand (BOD) batch of samples, analyzed for this work order, were 120%. These recoveries are above the QC acceptance limits of 84.6-115.4%. Therefore, the above BOD data may be potentially negatively biased to that extent. This should be taken into account when evaluating the data.

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 1/24/2008

Work Order Number 0801257 | Received by: AT

Sample ID labels checked by TS (Initials)

Checklist completed by: Tonya Shomin (Signature) Jan 24, 08 (Date)

Matrix | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	5°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other: _____

Client: WESTERN REFINING
GALLUP REFINING

Address: I-40 @ EXIT 39
JAMESTOWN, NM 87347

Phone #: 505-722-3833

Fax #: 505-722-0210

Project Name: EVAPORATION POND #2 INLET 1-24-08

Project #:

Project Manager: JIM LIEB

Sampler: BRYON HOLBROOK / ALVIN DORSEY

Sample Temperature: 5° on ice

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: H_2SO_4	080125? HEAL No.
1/24/08	12:35p	H_2O	POND 2 INLET	1/500mL			X	1
1/24/08	12:35p	H_2O	POND 2 INLET	1/1000mL				1

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
													X			
												X				

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
1/24/08	3:45p	Bryon Holbrook	
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
			1/24/08 1545

Remarks: PLEASE COPY BRYON HOLBROOK ON RESULTS.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, February 08, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet To EP 2

Order No.: 0801344

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/31/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0801344
Order: 08020012 HAL03 Receipt: 02-01-08

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: *0801344-01A INLET TO EP2* Collected: *01-31-08 11:35:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020012-001A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08003	WC.2008.305.9	C-004	Chemical Oxygen Demand	1290	mg/L	1	10		02-06-08	02-07-08

Sample: *0801344-01B INLET TO EP2* Collected: *01-31-08 11:35:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020012-002A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
BOD08013	WC.2008.298.14	10-26-4	Biochemical Oxygen Demand	414	mg/L	1	2		02-01-08	02-06-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 2/8/2008 10:59:00 AM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 1/31/2008

Work Order Number 0801344 Received by: TLS

Checklist completed by: _____ 1/31/08 Sample ID labels checked by TS

Signature Date Initials

Matrix Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	1°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Western Group Refinery

Address:

Phone #: 505-722-3833

Fax #:

Project Name: Inlet to EP 2

Project #:

Project Manager: Jim Lieb

Sampler: B. Hallbrook / A. Dorsey

Sample Temperature: 1°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: H_2SO_4	HEAL No. 0801344
1/31/08	11:35A	H_2O	Inlet to EP2	1/500 mL			X	1
1/31/08	11:35A	H_2O	Inlet to EP2	1/1000 mL				2

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD (BH)	BOD (BH)			Air Bubbles or Headspace (Y or N)
												X	X			
												X	X			

Date	Time	Relinquished By: (Signature)	Received By: (Signature)	Date	Time
1/31/08	3:25	Brian Hallbrook	Jamie SC	1/31/08	1535
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)		

Remarks: Pls. copy B. Hallbrook on results.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, February 08, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet To EP 2

Order No.: 0801344

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 1/31/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0801344
Order: 08020012 HAL03 Receipt: 02-01-08

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0801344-01A INLET TO EP2* Collected: *01-31-08 11:35:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020012-001A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08003	WC.2008.305.9	C-004	Chemical Oxygen Demand	1290	mg/L	1	10		02-06-08	02-07-08

Sample: *0801344-01B INLET TO EP2* Collected: *01-31-08 11:35:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020012-002A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
BOD08013	WC.2008.298.14	10-26-4	Biochemical Oxygen Demand	414	mg/L	1	2		02-01-08	02-06-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 2/8/2008 10:59:00 AM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 1/31/2008

Work Order Number 0801344 Received by: TLS

Checklist completed by: _____ 1/31/08 Sample ID labels checked by TS

Signature Date Initials

Matrix Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	1°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

Client: Western Gallup Refinery

Project Name: Inlet to EP 2

Address:

Project #:

Project Manager: Jim Lieb

Phone #: 505-722-3833

Sampler: B. Hallwood / A. Dorsey

Fax #:

Sample Temperature: 1.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: H_2SO_4	HEAL No. 0801344
1/31/08	11:35A	H_2O	INLET TO EP2	1/500 mL			X	1
1/31/08	11:35A	H_2O	INLET TO EP2	1/1000 mL				2

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD (BH)	BOD (BH)			Air Bubbles or Headspace (Y or N)
												X	X			
												X	X			

Date	Time	Relinquished By: (Signature)	Received By: (Signature)	Date	Time
1/31/08	3:25	Jason Hallwood	Jamie SC	1/31/08	1535

Remarks: Pls. copy B. Hallwood on results.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, February 21, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0802109

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 2/7/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0802109**
Order: **08020229 HAL03** Receipt: **02-08-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0802109-01A INLET TO EP2*** Collected: *02-07-08 13:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020229-001A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08004	WC.2008.392.11	C-004	Chemical Oxygen Demand	2570	mg/L	10	10		02-19-08	02-20-08

Sample: ***0802109-01B INLET TO EP2*** Collected: *02-07-08 13:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020229-002A		**EPA 405.1 Biochemical Oxygen Demand**						By: NJL		
BOD08016	WC.2008.355.18	10-26-4	Biochemical Oxygen Demand	671	mg/L	1	2		02-08-08	02-13-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 2/21/2008 9:15:05 AM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 2/7/2008

Work Order Number 0802109 | Received by: ARS

Checklist completed by: Signature | Date 2/7/08 | Sample ID labels checked by Initials TS

Matrix | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	4°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Western Gallup Refinery
Address:
Phone #:
Fax #:

Project Name: INLET TO EP2
Project #:
Project Manager: Jim Lieb
Sampler: Ron Broach
Sample Temperature: 4°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative H_2SO_4	0802109 HEAL No.
2/7/08	1:15p	H_2O	INLET TO EP2	1/500mL			X	1
2/7/08	1:15p	H_2O	INLET TO EP2	1/1000mL				1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X				
													X			

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
2/7/08	4:35	Bryan Hallcock	2/7/08 16:35
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

Remarks: Please copy Bryan Hallcock

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, February 21, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0802190

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 2/15/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0802190
Order: 08020384 HAL03 Receipt: 02-15-08

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0802190-01A INLET TO EP2* Collected: *02-14-08 13:50:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020384-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08004	WC.2008.392.10	C-004	Chemical Oxygen Demand	2290	mg/L	10	10		02-19-08	02-20-08

Sample: *0802190-01B INLET TO EP2* Collected: *02-14-08 13:50:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020384-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
WBOD08018	WC.2008.394.9	10-26-4	Biochemical Oxygen Demand	570	mg/L	1	4		02-15-08	02-20-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 2/15/2008

Work Order Number 0802190 | Received by: AT

Checklist completed by: Jamie Shomin (Signature) 2/15/08 (Date) | Sample ID labels checked by (Initials) TS

Matrix | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	5°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Western - Gallup Ref
Project Name: Inlet to EP2
Address:
Project #:
Project Manager: Jim Lieb
Phone #:
Sampler: B. Holbrook
Fax #:
Sample Temperature: 5° onic

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative H_2SO_4	HEAL No. 680290
2/14/08	1:50p	H_2O	Inlet to EP2	1/500mL			X	1
2/14/08	11	H_2O	11 11	1/1000 mL				1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X				
													X			

Date: 2/14/08 Time: 5:10p Relinquished By: (Signature) Received By: (Signature) 2/14/08 1710
Date: Time: Relinquished By: (Signature) Received By: (Signature)

Remarks: Rlo. copy Bryan Holbrook

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, March 10, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0802258

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 2/21/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0802258**
Order: **08020542 HAL03** Receipt: **02-22-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0802258-01A INLET TO EP2*** Collected: *02-21-08 10:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020542-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08005	WC.2008.520.13	C-004	Chemical Oxygen Demand	1950	mg/L	10	10		03-06-08	03-07-08

Sample: ***0802258-01B INLET TO EP2*** Collected: *02-21-08 10:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020542-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08020	WC.2008.449.14	10-26-4	Biochemical Oxygen Demand	> 394	mg/L	1	4		02-22-08	02-27-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, le result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 3/10/2008 9:12:31 AM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 2/21/2008

Work Order Number 0802258 Received by: TLS

Checklist completed by: Tamara Shannon 2/21/08 (Signature / Date) Sample ID labels checked by: TS (Initials)

Matrix Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	*No VOA vials submitted* ☑	Yes ☐	*No* ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	4°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other:

Client: WESTERN REFINING
GALLUP REFINERY

Project Name: INLET TO EP2

Address:

Project #:

Project Manager: Jim Lieb

Phone #:

Sampler: B. Holbrook

Fax #:

Sample Temperature: 4°

HEAL No. 0802228

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative: $HgCl_2$	Preservative: HNO_3	Preservative: H_2SO_4	HEAL No.
2/20/08	10:35A	H_2O	INLET TO EP2	1/500mL			X	1
2/20/08	10:35A	H_2O	INLET TO EP2	1/1000mL				1

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
2/21/08	2:05	Bryan Holbrook	2/21/08 1405
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X				
													X			

Remarks: Plz. copy Bryan Holbrook

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, March 10, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0802326

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 2/28/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: **ANDY FREEMAN**
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0802326**
Order: **08020733** **HAL03** Receipt: **02-29-08**

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0802326-01A INLET TO EP2*** Collected: *02-28-08 10:05:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020733-001A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08005	WC.2008.520.18	C-004	Chemical Oxygen Demand	2440	mg/L	10	10		03-06-08	03-07-08

Sample: ***0802326-01B INLET TO EP2*** Collected: *02-28-08 10:05:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08020733-002A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08023	WC.2008.500.9	10-26-4	Biochemical Oxygen Demand	46.1	mg/L	1	4		02-29-08	03-05-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 3/10/2008 9:20:12 AM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 2/28/2008

Work Order Number 0802326 | Received by: AT

Checklist completed by: Tanya S 2/28/08 (Signature / Date) | Sample ID labels checked by: TS (Initials)

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 7° *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western - Gallup

Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: INLET TO EP2

Project #:

Project Manager: Jim Lieb

Sampler: Holbrook

On Ice: ☒ Yes ☐ No

Sample Temperatures: 7°

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0802326	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles (Y or N)
2/28/08	10:05A	INLET TO EP2	1/500mL	H_2SO_4	1												X				
2/28	10:05	INLET TO EP2	1/1000mL	N/A	1													X			

Date:	Time:	Relinquished by:	Received by:	Remarks:
2/28/08	12:30	Bryan Holbrook	2/28/08 1230	
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, March 06, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: GWM-2 Water Sample 22808

Order No.: 0802357

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 2/29/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-2
Lab Order:	0802357	**Collection Date:**	2/28/2008 2:30:00 PM
Project:	GWM-2 Water Sample 22808	**Date Received:**	2/29/2008
Lab ID:	0802357-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	3/4/2008 5:33:21 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	3/4/2008 5:33:21 PM
Surr: DNOP	118	58-140		%REC	1	3/4/2008 5:33:21 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	3/5/2008 5:54:49 PM
Surr: BFB	104	79.2-121		%REC	1	3/5/2008 5:54:49 PM
EPA METHOD 8260B: VOLATILES						Analyst: **SMP**
Benzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Toluene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Ethylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Methyl tert-butyl ether (MTBE)	28	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Naphthalene	ND	2.0		µg/L	1	3/3/2008 11:58:17 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/3/2008 11:58:17 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/3/2008 11:58:17 PM
Acetone	ND	10		µg/L	1	3/3/2008 11:58:17 PM
Bromobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Bromoform	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Bromomethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
2-Butanone	ND	10		µg/L	1	3/3/2008 11:58:17 PM
Carbon disulfide	ND	10		µg/L	1	3/3/2008 11:58:17 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Chlorobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Chloroethane	ND	2.0		µg/L	1	3/3/2008 11:58:17 PM
Chloroform	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Chloromethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/3/2008 11:58:17 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Dibromomethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-2
Lab Order:	0802357	**Collection Date:**	2/28/2008 2:30:00 PM
Project:	GWM-2 Water Sample 22808	**Date Received:**	2/29/2008
Lab ID:	0802357-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **SMP**
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/3/2008 11:58:17 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
2-Hexanone	ND	10		µg/L	1	3/3/2008 11:58:17 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/3/2008 11:58:17 PM
Methylene Chloride	ND	3.0		µg/L	1	3/3/2008 11:58:17 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Styrene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/3/2008 11:58:17 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/3/2008 11:58:17 PM
Vinyl chloride	ND	1.0		µg/L	1	3/3/2008 11:58:17 PM
Xylenes, Total	ND	1.5		µg/L	1	3/3/2008 11:58:17 PM
Surr: 1,2-Dichloroethane-d4	99.2	68.1-123		%REC	1	3/3/2008 11:58:17 PM
Surr: 4-Bromofluorobenzene	106	53.2-145		%REC	1	3/3/2008 11:58:17 PM
Surr: Dibromofluoromethane	97.1	68.5-119		%REC	1	3/3/2008 11:58:17 PM
Surr: Toluene-d8	101	64-131		%REC	1	3/3/2008 11:58:17 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: GWM-2 Water Sample 22808 **Work Order:** 0802357

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-15278		*MBLK*			Batch ID:	**15278**	Analysis Date:		3/4/2008 10:01:21 AM
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-15278		*LCS*			Batch ID:	**15278**	Analysis Date:		3/4/2008 10:36:21 AM
Diesel Range Organics (DRO)	5.326	mg/L	1.0	107	74	157			
Sample ID: LCSD-15278		*LCSD*			Batch ID:	**15278**	Analysis Date:		3/4/2008 11:10:50 AM
Diesel Range Organics (DRO)	4.843	mg/L	1.0	96.9	74	157	9.50	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R27590**	Analysis Date:		3/5/2008 8:17:54 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID:	**R27590**	Analysis Date:		3/5/2008 8:25:57 PM
Gasoline Range Organics (GRO)	0.4604	mg/L	0.050	92.1	80	115			
Sample ID: 2.5UG GRO LCSD		*LCSD*			Batch ID:	**R27590**	Analysis Date:		3/5/2008 8:56:12 PM
Gasoline Range Organics (GRO)	0.4618	mg/L	0.050	92.4	80	115	0.304	8.39	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: GWM-2 Water Sample 22808 **Work Order:** 0802357

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*							
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: GWM-2 Water Sample 22808 **Work Order:** 0802357

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: R27552		Analysis Date:	3/3/2008 6:03:36 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: R27552		Analysis Date:	3/3/2008 7:13:13 AM	
Benzene	21.40	µg/L	1.0	107	72.4	126			
Toluene	22.20	µg/L	1.0	111	79.2	115			
Chlorobenzene	21.71	µg/L	1.0	109	83.1	111			
1,1-Dichloroethene	25.82	µg/L	1.0	129	81.4	122			S
Trichloroethene (TCE)	20.10	µg/L	1.0	100	64.4	118			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 2/29/2008

Work Order Number 0802357 Received by: AT

Checklist completed by: _____ 2/29/08 Sample ID labels checked by _____ AT

Signature Date Initials

Matrix Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐		
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped	☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑		
Chain of custody present?	Yes ☑	No ☐			
Chain of custody signed when relinquished and received?	Yes ☑	No ☐			
Chain of custody agrees with sample labels?	Yes ☑	No ☐			
Samples in proper container/bottle?	Yes ☑	No ☐			
Sample containers intact?	Yes ☑	No ☐			
Sufficient sample volume for indicated test?	Yes ☑	No ☐			
All samples received within holding time?	Yes ☑	No ☐			
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐		
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑		
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑		
Container/Temp Blank temperature?	5°	*<6° C Acceptable* If given sufficient time to cool.			

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: Western Refining - Gallup
Address: Route 3 Box 7 Gallup NM 87301
Phone #: 505 722 3833
Fax #: 505 722 0210

Project Name: GWM-2 Water Sample 22808
Project #:
Project Manager: Jim Lieb
Sampler: Glenn Morris
Sample Temperature: 5° on ice

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	HEAL No.
1-28-08	1430	H_2O	GWM-2	6			0802357 -1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)						Air Bubbles or Headspace (Y or N)
		X								X							

Remarks:

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
2/29/08	3:52PM		
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)
			2/29/08 1552

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, March 20, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0803051

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/6/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL.**
Project: **0803051**
Order: **08030160 HAL03** Receipt: **03-06-08**

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0803051-01A INLET TO EP2*** Collected: *03-06-08 9:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030160-001A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08006	WC.2008.613.16	C-004	Chemical Oxygen Demand	1520	mg/L	10	10		03-17-08	03-19-08

Sample: ***0803051-01B INLET TO EP2*** Collected: *03-06-08 9:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030160-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08026	WC.2008.574.4	10-26-4	Biochemical Oxygen Demand	947	mg/L	1	4		03-07-08	03-12-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

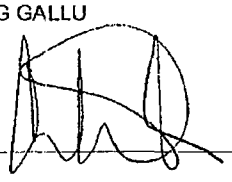
Analytical results are not corrected for method blank or field blank contamination.

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 3/6/2008

Work Order Number 0803051 Received by: TLS

Checklist completed by:  3/8 Date Sample ID labels checked by: TS Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	7°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: WESTERN – Gallup
Project Name: INLET TO EP2
Address:
Project #:
Project Manager: JIM LIEB
Phone #:
Sampler: ALVIN Dorsey
Fax #:
Sample Temperature: 7°

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.
					$HgCl_2$	HNO_3		
3/6/08	9:45	Ag	INLET TO EP2	1/500mL			H_2SO_4	0803051 1
3/6/08	9:45	1	INLET TO EP2	1/1000mL			N/A	1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X				
													X			

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
3-6-08	12:30p		
3/6/08	5:05p		3/6/08 9:45

Remarks: P/S. copy B. Holbrook ON RESULTS

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, March 26, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0803085

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0803085**
Order: **08030267 HAL03** Receipt: **03-12-08**

William P. Blava: President of Assalgai Analytical Laboratories, Inc.

Sample: ***0803085-01A INLET TO EP2*** Collected: *03-11-08 10:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030267-001A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.21	C-004	Chemical Oxygen Demand	1150	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803085-01B INLET TO EP2*** Collected: *03-11-08 10:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030267-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.24	10-26-4	Biochemical Oxygen Demand	651	mg/L	1	4		03-13-08	03-18-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 3/26/2008 1:06:44 PM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 3/11/2008

Work Order Number 0803085 Received by: AT

Checklist completed by: _____ 3/11/08 Sample ID labels checked by: _____ AB

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	16°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

Client: Western - Gallup

Project Name: Inlet To EP2

Address:

Project #:

Project Manager: Jim Lieb

Phone #:

Sampler: Alvin Dorsey

Fax #:

Sample Temperature: on ice 16

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.
					$HgCl_2$	HNO_3		
3/11/08	10:20	Air	Inlet To EP2	1/500mL			H_2SO_4	0803085 1
3/11/08	10:20	✓	Inlet To EP2	1/1000mL			N/A	1

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X				
													X			

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
3-11-08	11:38		
3/11/08	2:00	Bryan Hallbrook	3/11/08 1400

Remarks:

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, March 31, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: OCD Discharge Permit 1st Qtr 2008

Order No.: 0803087

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 16 sample(s) on 3/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

CLIENT: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008
Lab Order: 0803087

CASE NARRATIVE

"S" flags denote that the surrogate recovery was low due to sample dilution or matrix interferences.

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 1
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:10:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	560	20		mg/L	200	3/24/2008 3:11:59 PM
Chloride	540	5.0		mg/L	50	3/12/2008 5:38:00 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 5:38:00 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 5:38:00 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 5:38:00 PM
Sulfate	980	25		mg/L	50	3/12/2008 5:38:00 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:09:52 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 12:13:49 PM
Barium	0.029	0.010		mg/L	1	3/19/2008 12:13:49 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 12:13:49 PM
Calcium	18	0.50		mg/L	1	3/19/2008 12:13:49 PM
Chromium	0.061	0.0060		mg/L	1	3/19/2008 12:13:49 PM
Copper	ND	0.0060		mg/L	1	3/19/2008 12:13:49 PM
Iron	55	5.0		mg/L	100	3/19/2008 1:24:54 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 12:13:49 PM
Magnesium	17	0.50		mg/L	1	3/19/2008 12:13:49 PM
Manganese	0.80	0.0020		mg/L	1	3/21/2008 2:18:42 PM
Potassium	36	1.0		mg/L	1	3/19/2008 12:13:49 PM
Selenium	ND	0.050		mg/L	1	3/19/2008 12:13:49 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 12:13:49 PM
Sodium	910	50		mg/L	100	3/21/2008 2:22:15 PM
Uranium	ND	0.50		mg/L	5	3/19/2008 1:27:57 PM
Zinc	1.8	0.10		mg/L	5	3/19/2008 1:27:57 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	190	5.0		µg/L	5	3/13/2008 8:05:31 PM
Toluene	470	5.0		µg/L	5	3/13/2008 8:05:31 PM
Ethylbenzene	87	5.0		µg/L	5	3/13/2008 8:05:31 PM
Methyl tert-butyl ether (MTBE)	5.9	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2,4-Trimethylbenzene	380	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,3,5-Trimethylbenzene	110	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Naphthalene	200	10		µg/L	5	3/13/2008 8:05:31 PM
1-Methylnaphthalene	280	20		µg/L	5	3/13/2008 8:05:31 PM
2-Methylnaphthalene	390	20		µg/L	5	3/13/2008 8:05:31 PM
Acetone	1400	100		µg/L	10	3/17/2008 12:53:02 PM
Bromobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 1
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:10:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Bromodichloromethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Bromoform	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Bromomethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
2-Butanone	160	50		µg/L	5	3/13/2008 8:05:31 PM
Carbon disulfide	ND	50		µg/L	5	3/13/2008 8:05:31 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Chlorobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Chloroethane	ND	10		µg/L	5	3/13/2008 8:05:31 PM
Chloroform	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Chloromethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
2-Chlorotoluene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
4-Chlorotoluene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
cis-1,2-DCE	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	3/13/2008 8:05:31 PM
Dibromochloromethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Dibromomethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
2,2-Dichloropropane	ND	10		µg/L	5	3/13/2008 8:05:31 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
2-Hexanone	ND	50		µg/L	5	3/13/2008 8:05:31 PM
Isopropylbenzene	10	5.0		µg/L	5	3/13/2008 8:05:31 PM
4-Isopropyltoluene	5.2	5.0		µg/L	5	3/13/2008 8:05:31 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	3/13/2008 8:05:31 PM
Methylene Chloride	ND	15		µg/L	5	3/13/2008 8:05:31 PM
n-Butylbenzene	46	5.0		µg/L	5	3/13/2008 8:05:31 PM
n-Propylbenzene	36	5.0		µg/L	5	3/13/2008 8:05:31 PM
sec-Butylbenzene	8.6	5.0		µg/L	5	3/13/2008 8:05:31 PM
Styrene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
tert-Butylbenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	3/13/2008 8:05:31 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
trans-1,2-DCE	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 1
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:10:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	3/13/2008 8:05:31 PM
Vinyl chloride	ND	5.0		µg/L	5	3/13/2008 8:05:31 PM
Xylenes, Total	540	7.5		µg/L	5	3/13/2008 8:05:31 PM
Surr: 1,2-Dichloroethane-d4	103	68.1-123		%REC	5	3/13/2008 8:05:31 PM
Surr: 4-Bromofluorobenzene	88.3	53.2-145		%REC	5	3/13/2008 8:05:31 PM
Surr: Dibromofluoromethane	113	68.5-119		%REC	5	3/13/2008 8:05:31 PM
Surr: Toluene-d8	108	64-131		%REC	5	3/13/2008 8:05:31 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	4900	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	3.81	0.1		pH units	1	3/12/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 2
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:20:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	63	5.0		mg/L	50	3/12/2008 5:55:25 PM
Chloride	2200	10		mg/L	100	3/24/2008 3:46:48 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 5:55:25 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 5:55:25 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 5:55:25 PM
Sulfate	970	25		mg/L	50	3/12/2008 5:55:25 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:11:38 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 12:17:47 PM
Barium	0.022	0.010		mg/L	1	3/19/2008 12:17:47 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 12:17:47 PM
Calcium	81	0.50		mg/L	1	3/19/2008 12:17:47 PM
Chromium	ND	0.0060		mg/L	1	3/19/2008 12:17:47 PM
Copper	ND	0.0060		mg/L	1	3/19/2008 12:17:47 PM
Iron	5.4	1.0		mg/L	20	3/19/2008 1:56:39 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 12:17:47 PM
Magnesium	55	0.50		mg/L	1	3/19/2008 12:17:47 PM
Manganese	0.28	0.0020		mg/L	1	3/21/2008 2:25:00 PM
Potassium	88	1.0		mg/L	1	3/19/2008 12:17:47 PM
Selenium	ND	0.050		mg/L	1	3/19/2008 12:17:47 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 12:17:47 PM
Sodium	1700	50		mg/L	100	3/21/2008 2:28:38 PM
Uranium	ND	0.10		mg/L	1	3/19/2008 12:17:47 PM
Zinc	0.12	0.020		mg/L	1	3/19/2008 12:17:47 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	3.8	1.0		µg/L	1	3/13/2008 8:34:11 PM
Toluene	11	1.0		µg/L	1	3/13/2008 8:34:11 PM
Ethylbenzene	2.1	1.0		µg/L	1	3/13/2008 8:34:11 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2,4-Trimethylbenzene	12	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,3,5-Trimethylbenzene	3.2	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Naphthalene	20	2.0		µg/L	1	3/13/2008 8:34:11 PM
1-Methylnaphthalene	34	4.0		µg/L	1	3/13/2008 8:34:11 PM
2-Methylnaphthalene	49	4.0		µg/L	1	3/13/2008 8:34:11 PM
Acetone	1700	100		µg/L	10	3/17/2008 1:23:35 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 2
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:20:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
2-Butanone	120	10		µg/L	1	3/13/2008 8:34:11 PM
Carbon disulfide	18	10		µg/L	1	3/13/2008 8:34:11 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 8:34:11 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 8:34:11 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 8:34:11 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 8:34:11 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 8:34:11 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 8:34:11 PM
n-Butylbenzene	1.4	1.0		µg/L	1	3/13/2008 8:34:11 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 8:34:11 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 2
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:20:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 8:34:11 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 8:34:11 PM
Xylenes, Total	14	1.5		µg/L	1	3/13/2008 8:34:11 PM
Surr: 1,2-Dichloroethane-d4	103	68.1-123		%REC	1	3/13/2008 8:34:11 PM
Surr: 4-Bromofluorobenzene	99.6	53.2-145		%REC	1	3/13/2008 8:34:11 PM
Surr: Dibromofluoromethane	97.8	68.5-119		%REC	1	3/13/2008 8:34:11 PM
Surr: Toluene-d8	105	64-131		%REC	1	3/13/2008 8:34:11 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	8400	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	6.81	0.1		pH units	1	3/12/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 3
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:50:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	41	5.0		mg/L	50	3/12/2008 6:12:49 PM
Chloride	2700	10		mg/L	100	3/24/2008 4:04:13 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 6:12:49 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 6:12:49 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 6:12:49 PM
Sulfate	1000	25		mg/L	50	3/12/2008 6:12:49 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:13:24 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 12:22:10 PM
Barium	0.037	0.010		mg/L	1	3/19/2008 12:22:10 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 12:22:10 PM
Calcium	170	1.0		mg/L	2	3/19/2008 1:59:00 PM
Chromium	ND	0.0060		mg/L	1	3/19/2008 12:22:10 PM
Copper	ND	0.0060		mg/L	1	3/19/2008 12:22:10 PM
Iron	1.4	0.10		mg/L	2	3/19/2008 1:59:00 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 12:22:10 PM
Magnesium	71	0.50		mg/L	1	3/19/2008 12:22:10 PM
Manganese	0.23	0.0020		mg/L	1	3/21/2008 2:31:34 PM
Potassium	93	1.0		mg/L	1	3/19/2008 12:22:10 PM
Selenium	ND	0.50		mg/L	10	3/28/2008 1:20:45 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 12:22:10 PM
Sodium	2000	50		mg/L	100	3/21/2008 2:35:18 PM
Uranium	ND	0.10		mg/L	1	3/19/2008 12:22:10 PM
Zinc	0.045	0.020		mg/L	1	3/19/2008 12:22:10 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Toluene	1.9	1.0		µg/L	1	3/13/2008 9:02:52 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2,4-Trimethylbenzene	4.3	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,3,5-Trimethylbenzene	1.0	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Naphthalene	8.7	2.0		µg/L	1	3/13/2008 9:02:52 PM
1-Methylnaphthalene	20	4.0		µg/L	1	3/13/2008 9:02:52 PM
2-Methylnaphthalene	28	4.0		µg/L	1	3/13/2008 9:02:52 PM
Acetone	920	100		µg/L	10	3/17/2008 1:54:06 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 3
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:50:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
2-Butanone	64	10		µg/L	1	3/13/2008 9:02:52 PM
Carbon disulfide	45	10		µg/L	1	3/13/2008 9:02:52 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 9:02:52 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 9:02:52 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 9:02:52 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 9:02:52 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 9:02:52 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 9:02:52 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 9:02:52 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 3
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:50:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 9:02:52 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 9:02:52 PM
Xylenes, Total	4.0	1.5		µg/L	1	3/13/2008 9:02:52 PM
Surr: 1,2-Dichloroethane-d4	105	68.1-123		%REC	1	3/13/2008 9:02:52 PM
Surr: 4-Bromofluorobenzene	106	53.2-145		%REC	1	3/13/2008 9:02:52 PM
Surr: Dibromofluoromethane	112	68.5-119		%REC	1	3/13/2008 9:02:52 PM
Surr: Toluene-d8	106	64-131		%REC	1	3/13/2008 9:02:52 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	9800	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	7.86	0.1		pH units	1	3/12/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 4
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:35:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	32	5.0		mg/L	50	3/12/2008 6:30:14 PM
Chloride	2800	10		mg/L	100	3/24/2008 4:21:37 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 6:30:14 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 6:30:14 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 6:30:14 PM
Sulfate	1000	25		mg/L	50	3/12/2008 6:30:14 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:15:10 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 12:26:15 PM
Barium	0.045	0.010		mg/L	1	3/19/2008 12:26:15 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 12:26:15 PM
Calcium	230	50		mg/L	100	3/19/2008 2:01:57 PM
Chromium	ND	0.0060		mg/L	1	3/19/2008 12:26:15 PM
Copper	ND	0.0060		mg/L	1	3/19/2008 12:26:15 PM
Iron	0.73	0.050		mg/L	1	3/19/2008 12:26:15 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 12:26:15 PM
Magnesium	80	0.50		mg/L	1	3/19/2008 12:26:15 PM
Manganese	0.21	0.0020		mg/L	1	3/21/2008 2:39:55 PM
Potassium	94	1.0		mg/L	1	3/19/2008 12:26:15 PM
Selenium	ND	0.50		mg/L	10	3/28/2008 1:32:16 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 12:26:15 PM
Sodium	2000	50		mg/L	100	3/21/2008 2:53:09 PM
Uranium	ND	0.10		mg/L	1	3/19/2008 12:26:15 PM
Zinc	0.034	0.020		mg/L	1	3/19/2008 12:26:15 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Toluene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2,4-Trimethylbenzene	2.8	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Naphthalene	6.6	2.0		µg/L	1	3/13/2008 9:31:55 PM
1-Methylnaphthalene	15	4.0		µg/L	1	3/13/2008 9:31:55 PM
2-Methylnaphthalene	22	4.0		µg/L	1	3/13/2008 9:31:55 PM
Acetone	800	100		µg/L	10	3/17/2008 2:24:38 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 4
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:35:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
2-Butanone	42	10		µg/L	1	3/13/2008 9:31:55 PM
Carbon disulfide	63	10		µg/L	1	3/13/2008 9:31:55 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 9:31:55 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 9:31:55 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 9:31:55 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 9:31:55 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 9:31:55 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 9:31:55 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 9:31:55 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 4
Lab Order:	0803087	**Collection Date:**	3/11/2008 9:35:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 9:31:55 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 9:31:55 PM
Xylenes, Total	2.0	1.5		µg/L	1	3/13/2008 9:31:55 PM
Surr: 1,2-Dichloroethane-d4	109	68.1-123		%REC	1	3/13/2008 9:31:55 PM
Surr: 4-Bromofluorobenzene	95.7	53.2-145		%REC	1	3/13/2008 9:31:55 PM
Surr: Dibromofluoromethane	106	68.5-119		%REC	1	3/13/2008 9:31:55 PM
Surr: Toluene-d8	106	64-131		%REC	1	3/13/2008 9:31:55 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	10000	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	8.06	0.1		pH units	1	3/12/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 5
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:05:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	41	5.0		mg/L	50	3/12/2008 6:47:39 PM
Chloride	2900	10		mg/L	100	3/24/2008 5:13:50 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 6:47:39 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 6:47:39 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 6:47:39 PM
Sulfate	1100	25		mg/L	50	3/12/2008 6:47:39 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:16:57 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 12:30:19 PM
Barium	0.059	0.010		mg/L	1	3/19/2008 12:30:19 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 12:30:19 PM
Calcium	290	50		mg/L	100	3/19/2008 2:04:14 PM
Chromium	ND	0.0060		mg/L	1	3/19/2008 12:30:19 PM
Copper	ND	0.0060		mg/L	1	3/19/2008 12:30:19 PM
Iron	0.64	0.050		mg/L	1	3/19/2008 12:30:19 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 12:30:19 PM
Magnesium	80	0.50		mg/L	1	3/19/2008 12:30:19 PM
Manganese	0.28	0.0020		mg/L	1	3/21/2008 2:56:03 PM
Potassium	83	1.0		mg/L	1	3/19/2008 12:30:19 PM
Selenium	ND	0.50		mg/L	10	3/28/2008 1:34:46 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 12:30:19 PM
Sodium	1900	50		mg/L	100	3/21/2008 2:59:40 PM
Uranium	ND	0.10		mg/L	1	3/19/2008 12:30:19 PM
Zinc	0.029	0.020		mg/L	1	3/19/2008 12:30:19 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Toluene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2,4-Trimethylbenzene	1.5	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Naphthalene	3.7	2.0		µg/L	1	3/13/2008 10:01:14 PM
1-Methylnaphthalene	11	4.0		µg/L	1	3/13/2008 10:01:14 PM
2-Methylnaphthalene	17	4.0		µg/L	1	3/13/2008 10:01:14 PM
Acetone	190	10		µg/L	1	3/13/2008 10:01:14 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 5
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:05:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
2-Butanone	23	10		µg/L	1	3/13/2008 10:01:14 PM
Carbon disulfide	97	10		µg/L	1	3/13/2008 10:01:14 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 10:01:14 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 10:01:14 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 10:01:14 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 10:01:14 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 10:01:14 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 10:01:14 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 10:01:14 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 5
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:05:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 10:01:14 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 10:01:14 PM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2008 10:01:14 PM
Surr: 1,2-Dichloroethane-d4	105	68.1-123		%REC	1	3/13/2008 10:01:14 PM
Surr: 4-Bromofluorobenzene	91.8	53.2-145		%REC	1	3/13/2008 10:01:14 PM
Surr: Dibromofluoromethane	110	68.5-119		%REC	1	3/13/2008 10:01:14 PM
Surr: Toluene-d8	106	64-131		%REC	1	3/13/2008 10:01:14 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	10000	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	7.82	0.1		pH units	1	3/12/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 6
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:20:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	35	5.0		mg/L	50	3/12/2008 7:05:03 PM
Chloride	4100	20		mg/L	200	3/24/2008 3:29:24 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 7:05:03 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 7:05:03 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 7:05:03 PM
Sulfate	1600	25		mg/L	50	3/12/2008 7:05:03 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:18:44 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.10		mg/L	5	3/19/2008 2:12:57 PM
Barium	0.073	0.050		mg/L	5	3/19/2008 2:12:57 PM
Cadmium	ND	0.010		mg/L	5	3/19/2008 2:12:57 PM
Calcium	300	2.5		mg/L	5	3/19/2008 2:12:57 PM
Chromium	ND	0.030		mg/L	5	3/19/2008 2:12:57 PM
Copper	ND	0.030		mg/L	5	3/19/2008 2:12:57 PM
Iron	1.3	0.25		mg/L	5	3/19/2008 2:12:57 PM
Lead	ND	0.025		mg/L	5	3/19/2008 2:12:57 PM
Magnesium	100	2.5		mg/L	5	3/19/2008 2:12:57 PM
Manganese	0.52	0.010		mg/L	5	3/21/2008 3:02:35 PM
Potassium	110	5.0		mg/L	5	3/19/2008 2:12:57 PM
Selenium	ND	0.50		mg/L	10	3/19/2008 2:10:30 PM
Silver	ND	0.025		mg/L	5	3/19/2008 2:12:57 PM
Sodium	2800	50		mg/L	100	3/21/2008 3:06:28 PM
Uranium	ND	0.50		mg/L	5	3/19/2008 2:12:57 PM
Zinc	ND	0.10		mg/L	5	3/19/2008 2:12:57 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Toluene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2,4-Trimethylbenzene	2.0	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Naphthalene	4.0	2.0		µg/L	1	3/13/2008 10:30:39 PM
1-Methylnaphthalene	15	4.0		µg/L	1	3/13/2008 10:30:39 PM
2-Methylnaphthalene	20	4.0		µg/L	1	3/13/2008 10:30:39 PM
Acetone	640	50		µg/L	5	3/17/2008 2:55:10 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 6
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:20:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
2-Butanone	32	10		µg/L	1	3/13/2008 10:30:39 PM
Carbon disulfide	40	10		µg/L	1	3/13/2008 10:30:39 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 10:30:39 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 10:30:39 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 10:30:39 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 10:30:39 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 10:30:39 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 10:30:39 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 10:30:39 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 6
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:20:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 10:30:39 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 10:30:39 PM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2008 10:30:39 PM
Surr: 1,2-Dichloroethane-d4	102	68.1-123		%REC	1	3/13/2008 10:30:39 PM
Surr: 4-Bromofluorobenzene	100	53.2-145		%REC	1	3/13/2008 10:30:39 PM
Surr: Dibromofluoromethane	101	68.5-119		%REC	1	3/13/2008 10:30:39 PM
Surr: Toluene-d8	107	64-131		%REC	1	3/13/2008 10:30:39 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	13000	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	7.77	0.1		pH units	1	3/12/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 7
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:40:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	22	5.0		mg/L	50	3/12/2008 7:22:28 PM
Chloride	22000	100		mg/L	1000	3/25/2008 8:55:34 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 7:22:28 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 7:22:28 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 7:22:28 PM
Sulfate	5600	250		mg/L	500	3/24/2008 5:31:15 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:20:32 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.10		mg/L	5	3/19/2008 2:19:37 PM
Barium	0.074	0.050		mg/L	5	3/19/2008 2:19:37 PM
Cadmium	ND	0.010		mg/L	5	3/19/2008 2:19:37 PM
Calcium	690	50		mg/L	100	3/19/2008 2:15:28 PM
Chromium	ND	0.030		mg/L	5	3/19/2008 2:19:37 PM
Copper	ND	0.030		mg/L	5	3/19/2008 2:19:37 PM
Iron	0.69	0.25		mg/L	5	3/19/2008 2:19:37 PM
Lead	ND	0.025		mg/L	5	3/19/2008 2:19:37 PM
Magnesium	490	2.5		mg/L	5	3/19/2008 2:19:37 PM
Manganese	3.2	0.010		mg/L	5	3/21/2008 4:15:58 PM
Potassium	590	100		mg/L	100	3/19/2008 2:15:28 PM
Selenium	ND	0.50		mg/L	10	3/28/2008 1:37:12 PM
Silver	ND	0.025		mg/L	5	3/19/2008 2:19:37 PM
Sodium	13000	100		mg/L	200	3/21/2008 4:19:35 PM
Uranium	ND	0.50		mg/L	5	3/19/2008 2:19:37 PM
Zinc	ND	0.10		mg/L	5	3/19/2008 2:19:37 PM
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Toluene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Naphthalene	ND	2.0		µg/L	1	3/13/2008 11:00:09 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2008 11:00:09 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2008 11:00:09 PM
Acetone	34	10		µg/L	1	3/13/2008 11:00:09 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 7
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:40:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
2-Butanone	ND	10		µg/L	1	3/13/2008 11:00:09 PM
Carbon disulfide	ND	10		µg/L	1	3/13/2008 11:00:09 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 11:00:09 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 11:00:09 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 11:00:09 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 11:00:09 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 11:00:09 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 11:00:09 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 11:00:09 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 7
Lab Order:	0803087	**Collection Date:**	3/11/2008 10:40:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 11:00:09 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 11:00:09 PM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2008 11:00:09 PM
Surr: 1,2-Dichloroethane-d4	106	68.1-123		%REC	1	3/13/2008 11:00:09 PM
Surr: 4-Bromofluorobenzene	113	53.2-145		%REC	1	3/13/2008 11:00:09 PM
Surr: Dibromofluoromethane	107	68.5-119		%REC	1	3/13/2008 11:00:09 PM
Surr: Toluene-d8	110	64-131		%REC	1	3/13/2008 11:00:09 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	68000	0.10		µmhos/cm	10	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	7.61	0.1		pH units	1	3/12/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 8
Lab Order:	0803087	**Collection Date:**	3/11/2008 11:00:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	25	5.0		mg/L	50	3/12/2008 7:39:52 PM
Chloride	30000	100		mg/L	1000	3/25/2008 9:12:58 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 7:39:52 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 7:39:52 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 7:39:52 PM
Sulfate	6100	250		mg/L	500	3/24/2008 5:48:39 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:22:19 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.20		mg/L	10	3/19/2008 3:02:01 PM
Barium	ND	0.10		mg/L	10	3/19/2008 3:02:01 PM
Cadmium	ND	0.020		mg/L	10	3/19/2008 3:02:01 PM
Calcium	590	50		mg/L	100	3/19/2008 2:21:56 PM
Chromium	ND	0.060		mg/L	10	3/19/2008 3:02:01 PM
Copper	ND	0.060		mg/L	10	3/19/2008 3:02:01 PM
Iron	1.4	0.50		mg/L	10	3/19/2008 3:02:01 PM
Lead	ND	0.050		mg/L	10	3/19/2008 3:02:01 PM
Magnesium	760	50		mg/L	100	3/19/2008 2:21:56 PM
Manganese	5.8	0.020		mg/L	10	3/21/2008 4:22:23 PM
Potassium	1100	100		mg/L	100	3/19/2008 2:21:56 PM
Selenium	ND	0.50		mg/L	10	3/19/2008 3:02:01 PM
Silver	ND	0.050		mg/L	10	3/19/2008 3:02:01 PM
Sodium	20000	250		mg/L	500	3/21/2008 4:27:40 PM
Uranium	ND	1.0		mg/L	10	3/19/2008 3:02:01 PM
Zinc	ND	0.20		mg/L	10	3/19/2008 3:02:01 PM
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Benzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Toluene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Naphthalene	ND	2.0		µg/L	1	3/13/2008 11:29:10 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2008 11:29:10 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2008 11:29:10 PM
Acetone	24	10		µg/L	1	3/13/2008 11:29:10 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 8
Lab Order:	0803087	**Collection Date:**	3/11/2008 11:00:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
2-Butanone	ND	10		µg/L	1	3/13/2008 11:29:10 PM
Carbon disulfide	ND	10		µg/L	1	3/13/2008 11:29:10 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 11:29:10 PM
Chloroform	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 11:29:10 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 11:29:10 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 11:29:10 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 11:29:10 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 11:29:10 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 11:29:10 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 8
Lab Order:	0803087	**Collection Date:**	3/11/2008 11:00:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 11:29:10 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 11:29:10 PM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2008 11:29:10 PM
Surr: 1,2-Dichloroethane-d4	109	68.1-123		%REC	1	3/13/2008 11:29:10 PM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	3/13/2008 11:29:10 PM
Surr: Dibromofluoromethane	102	68.5-119		%REC	1	3/13/2008 11:29:10 PM
Surr: Toluene-d8	112	64-131		%REC	1	3/13/2008 11:29:10 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **NSB**
Specific Conductance	94000	0.10		µmhos/cm	10	3/13/2008
SM4500-H+B: PH						Analyst: **BDH**
pH	7.47	0.1		pH units	1	3/12/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:00:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-09	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	24	1.0		mg/L	1	3/12/2008 11:59:44 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	3/12/2008 11:59:44 AM
Surr: DNOP	99.2	58-140		%REC	1	3/12/2008 11:59:44 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1.7	0.50		mg/L	10	3/17/2008 11:52:11 AM
Surr: BFB	120	79.2-121		%REC	10	3/17/2008 11:52:11 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:29:39 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 1:04:27 PM
Barium	0.017	0.010		mg/L	1	3/19/2008 1:04:27 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 1:04:27 PM
Chromium	0.10	0.0060		mg/L	1	3/19/2008 1:04:27 PM
Copper	ND	0.0060		mg/L	1	3/19/2008 1:04:27 PM
Iron	110	10		mg/L	200	3/21/2008 3:57:08 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 1:04:27 PM
Manganese	1.4	0.010		mg/L	5	3/21/2008 3:24:05 PM
Selenium	ND	0.050		mg/L	1	3/19/2008 1:04:27 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 1:04:27 PM
Uranium	1.9	1.0		mg/L	10	3/19/2008 2:45:30 PM
Zinc	1.9	0.20		mg/L	10	3/19/2008 2:45:30 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	190	10		µg/L	10	3/13/2008 5:34:49 PM
Toluene	460	10		µg/L	10	3/13/2008 5:34:49 PM
Ethylbenzene	99	10		µg/L	10	3/13/2008 5:34:49 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2,4-Trimethylbenzene	600	10		µg/L	10	3/13/2008 5:34:49 PM
1,3,5-Trimethylbenzene	170	10		µg/L	10	3/13/2008 5:34:49 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Naphthalene	330	20		µg/L	10	3/13/2008 5:34:49 PM
1-Methylnaphthalene	340	40		µg/L	10	3/13/2008 5:34:49 PM
2-Methylnaphthalene	520	40		µg/L	10	3/13/2008 5:34:49 PM
Acetone	2200	200		µg/L	20	3/17/2008 3:25:40 PM
Bromobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Bromodichloromethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Bromoform	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Bromomethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:00:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-09	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
2-Butanone	480	100		µg/L	10	3/13/2008 5:34:49 PM
Carbon disulfide	ND	100		µg/L	10	3/13/2008 5:34:49 PM
Carbon Tetrachloride	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Chlorobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Chloroethane	ND	20		µg/L	10	3/13/2008 5:34:49 PM
Chloroform	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Chloromethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
2-Chlorotoluene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
4-Chlorotoluene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
cis-1,2-DCE	ND	10		µg/L	10	3/13/2008 5:34:49 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	3/13/2008 5:34:49 PM
Dibromochloromethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Dibromomethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Dichlorodifluoromethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,1-Dichloroethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,1-Dichloroethene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2-Dichloropropane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,3-Dichloropropane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
2,2-Dichloropropane	ND	20		µg/L	10	3/13/2008 5:34:49 PM
1,1-Dichloropropene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Hexachlorobutadiene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
2-Hexanone	ND	100		µg/L	10	3/13/2008 5:34:49 PM
Isopropylbenzene	12	10		µg/L	10	3/13/2008 5:34:49 PM
4-Isopropyltoluene	15	10		µg/L	10	3/13/2008 5:34:49 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	3/13/2008 5:34:49 PM
Methylene Chloride	ND	30		µg/L	10	3/13/2008 5:34:49 PM
n-Butylbenzene	55	10		µg/L	10	3/13/2008 5:34:49 PM
n-Propylbenzene	45	10		µg/L	10	3/13/2008 5:34:49 PM
sec-Butylbenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Styrene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
tert-Butylbenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	3/13/2008 5:34:49 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	3/13/2008 5:34:49 PM
trans-1,2-DCE	ND	10		µg/L	10	3/13/2008 5:34:49 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	3/13/2008 5:34:49 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:00:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-09	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
1,1,1-Trichloroethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Trichloroethene (TCE)	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Trichlorofluoromethane	ND	10		µg/L	10	3/13/2008 5:34:49 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	3/13/2008 5:34:49 PM
Vinyl chloride	ND	10		µg/L	10	3/13/2008 5:34:49 PM
Xylenes, Total	680	15		µg/L	10	3/13/2008 5:34:49 PM
Surr: 1,2-Dichloroethane-d4	108	68.1-123		%REC	10	3/13/2008 5:34:49 PM
Surr: 4-Bromofluorobenzene	90.4	53.2-145		%REC	10	3/13/2008 5:34:49 PM
Surr: Dibromofluoromethane	109	68.5-119		%REC	10	3/13/2008 5:34:49 PM
Surr: Toluene-d8	113	64-131		%REC	10	3/13/2008 5:34:49 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:30:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	12	3.0		mg/L	1	3/12/2008 1:44:25 PM
Motor Oil Range Organics (MRO)	ND	15		mg/L	1	3/12/2008 1:44:25 PM
Surr: DNOP	118	58-140		%REC	1	3/12/2008 1:44:25 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	3/17/2008 12:53:13 PM
Surr: BFB	107	79.2-121		%REC	1	3/17/2008 12:53:13 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	3/14/2008 4:31:28 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 1:07:48 PM
Barium	0.022	0.010		mg/L	1	3/19/2008 1:07:48 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 1:07:48 PM
Chromium	ND	0.0060		mg/L	1	3/19/2008 1:07:48 PM
Copper	0.018	0.0060		mg/L	1	3/19/2008 1:07:48 PM
Iron	0.35	0.050		mg/L	1	3/19/2008 1:07:48 PM
Lead	ND	0.0050		mg/L	1	3/19/2008 1:07:48 PM
Manganese	0.092	0.0020		mg/L	1	3/21/2008 3:59:54 PM
Selenium	ND	0.50		mg/L	10	3/28/2008 1:39:41 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 1:07:48 PM
Uranium	ND	0.10		mg/L	1	3/19/2008 1:07:48 PM
Zinc	0.055	0.020		mg/L	1	3/19/2008 1:07:48 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Toluene	1.5	1.0		µg/L	1	3/13/2008 6:04:28 PM
Ethylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Naphthalene	ND	2.0		µg/L	1	3/13/2008 6:04:28 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2008 6:04:28 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/13/2008 6:04:28 PM
Acetone	490	50		µg/L	5	3/17/2008 3:56:18 PM
Bromobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Bromoform	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Bromomethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:30:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
2-Butanone	ND	10		µg/L	1	3/13/2008 6:04:28 PM
Carbon disulfide	ND	10		µg/L	1	3/13/2008 6:04:28 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Chlorobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Chloroethane	ND	2.0		µg/L	1	3/13/2008 6:04:28 PM
Chloroform	6.9	1.0		µg/L	1	3/13/2008 6:04:28 PM
Chloromethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/13/2008 6:04:28 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Dibromomethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	3/13/2008 6:04:28 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
2-Hexanone	ND	10		µg/L	1	3/13/2008 6:04:28 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/13/2008 6:04:28 PM
Methylene Chloride	ND	3.0		µg/L	1	3/13/2008 6:04:28 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Styrene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/13/2008 6:04:28 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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ND	Not Detected at the Reporting Limit	RL	Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:30:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/13/2008 6:04:28 PM
Vinyl chloride	ND	1.0		µg/L	1	3/13/2008 6:04:28 PM
Xylenes, Total	ND	1.5		µg/L	1	3/13/2008 6:04:28 PM
Surr: 1,2-Dichloroethane-d4	104	68.1-123		%REC	1	3/13/2008 6:04:28 PM
Surr: 4-Bromofluorobenzene	109	53.2-145		%REC	1	3/13/2008 6:04:28 PM
Surr: Dibromofluoromethane	107	68.5-119		%REC	1	3/13/2008 6:04:28 PM
Surr: Toluene-d8	106	64-131		%REC	1	3/13/2008 6:04:28 PM

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J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
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Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:30:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	290	30		mg/L	10	3/12/2008 1:09:22 PM
Motor Oil Range Organics (MRO)	ND	150		mg/L	10	3/12/2008 1:09:22 PM
Surr: DNOP	127	58-140		%REC	10	3/12/2008 1:09:22 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	11	1.0		mg/L	20	3/17/2008 2:25:37 PM
Surr: BFB	154	79.2-121	S	%REC	20	3/17/2008 2:25:37 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	69	5.0		mg/L	50	3/12/2008 8:32:04 PM
Chloride	480	5.0		mg/L	50	3/12/2008 8:32:04 PM
Nitrogen, Nitrite (As N)	ND	5.0		mg/L	50	3/12/2008 8:32:04 PM
Nitrogen, Nitrate (As N)	ND	5.0		mg/L	50	3/12/2008 8:32:04 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	3/12/2008 8:32:04 PM
Sulfate	570	25		mg/L	50	3/12/2008 8:32:04 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	0.00028	0.00020		mg/L	1	3/14/2008 4:33:18 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	3/19/2008 1:13:28 PM
Barium	0.32	0.010		mg/L	1	3/19/2008 1:13:28 PM
Cadmium	ND	0.0020		mg/L	1	3/19/2008 1:13:28 PM
Calcium	120	10		mg/L	20	3/19/2008 2:53:07 PM
Chromium	0.019	0.0060		mg/L	1	3/19/2008 1:13:28 PM
Copper	0.053	0.0060		mg/L	1	3/19/2008 1:13:28 PM
Iron	10	1.0		mg/L	20	3/19/2008 2:53:07 PM
Lead	0.013	0.0050		mg/L	1	3/19/2008 1:13:28 PM
Magnesium	28	0.50		mg/L	1	3/19/2008 1:13:28 PM
Manganese	0.20	0.0020		mg/L	1	3/21/2008 4:02:38 PM
Potassium	22	1.0		mg/L	1	3/19/2008 1:13:28 PM
Selenium	ND	0.50		mg/L	10	3/28/2008 1:42:11 PM
Silver	ND	0.0050		mg/L	1	3/19/2008 1:13:28 PM
Sodium	550	10		mg/L	20	3/21/2008 4:06:09 PM
Uranium	ND	0.10		mg/L	1	3/19/2008 1:13:28 PM
Zinc	1.3	0.40		mg/L	20	3/19/2008 2:53:07 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: *JDC*
Acenaphthene	ND	50		µg/L	1	3/17/2008
Acenaphthylene	ND	50		µg/L	1	3/17/2008
Aniline	ND	50		µg/L	1	3/17/2008
Anthracene	ND	50		µg/L	1	3/17/2008

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ND	Not Detected at the Reporting Limit	RL	Reporting Limit
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Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:30:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Azobenzene	ND	50		µg/L	1	3/17/2008
Benz(a)anthracene	ND	50		µg/L	1	3/17/2008
Benzo(a)pyrene	ND	50		µg/L	1	3/17/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	3/17/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	3/17/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	3/17/2008
Benzoic acid	ND	100		µg/L	1	3/17/2008
Benzyl alcohol	ND	50		µg/L	1	3/17/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	3/17/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	3/17/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	3/17/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	3/17/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	3/17/2008
Butyl benzyl phthalate	ND	50		µg/L	1	3/17/2008
Carbazole	71	50		µg/L	1	3/17/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2008
4-Chloroaniline	ND	50		µg/L	1	3/17/2008
2-Chloronaphthalene	ND	50		µg/L	1	3/17/2008
2-Chlorophenol	ND	50		µg/L	1	3/17/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	3/17/2008
Chrysene	120	50		µg/L	1	3/17/2008
Di-n-butyl phthalate	ND	50		µg/L	1	3/17/2008
Di-n-octyl phthalate	ND	50		µg/L	1	3/17/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	3/17/2008
Dibenzofuran	ND	50		µg/L	1	3/17/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	3/17/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	3/17/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	3/17/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	3/17/2008
Diethyl phthalate	ND	50		µg/L	1	3/17/2008
Dimethyl phthalate	ND	50		µg/L	1	3/17/2008
2,4-Dichlorophenol	ND	50		µg/L	1	3/17/2008
2,4-Dimethylphenol	ND	50		µg/L	1	3/17/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dinitrophenol	ND	100		µg/L	1	3/17/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	3/17/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	3/17/2008
Fluoranthene	ND	50		µg/L	1	3/17/2008
Fluorene	93	50		µg/L	1	3/17/2008
Hexachlorobenzene	ND	50		µg/L	1	3/17/2008
Hexachlorobutadiene	ND	50		µg/L	1	3/17/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	3/17/2008

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E	*Value above quantitation range*	H	Holding times for preparation or analysis exceeded
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ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:30:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Hexachloroethane	ND	50		µg/L	1	3/17/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	3/17/2008
Isophorone	ND	50		µg/L	1	3/17/2008
2-Methylnaphthalene	590	50		µg/L	1	3/17/2008
2-Methylphenol	150	50		µg/L	1	3/17/2008
3+4-Methylphenol	170	50		µg/L	1	3/17/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	3/17/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	3/17/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	3/17/2008
Naphthalene	220	50		µg/L	1	3/17/2008
2-Nitroaniline	ND	50		µg/L	1	3/17/2008
3-Nitroaniline	ND	50		µg/L	1	3/17/2008
4-Nitroaniline	ND	50		µg/L	1	3/17/2008
Nitrobenzene	ND	50		µg/L	1	3/17/2008
2-Nitrophenol	ND	50		µg/L	1	3/17/2008
4-Nitrophenol	ND	50		µg/L	1	3/17/2008
Pentachlorophenol	ND	100		µg/L	1	3/17/2008
Phenanthrene	440	50		µg/L	1	3/17/2008
Phenol	190	50		µg/L	1	3/17/2008
Pyrene	150	50		µg/L	1	3/17/2008
Pyridine	ND	50		µg/L	1	3/17/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	3/17/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	3/17/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	3/17/2008
Surr: 2,4,6-Tribromophenol	3.80	16.6-150	S	%REC	1	3/17/2008
Surr: 2-Fluorobiphenyl	75.9	19.6-134		%REC	1	3/17/2008
Surr: 2-Fluorophenol	5.93	9.54-113	S	%REC	1	3/17/2008
Surr: 4-Terphenyl-d14	54.8	22.7-145		%REC	1	3/17/2008
Surr: Nitrobenzene-d5	77.6	14.6-134		%REC	1	3/17/2008
Surr: Phenol-d5	30.5	10.7-80.3		%REC	1	3/17/2008
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Benzene	470	50		µg/L	50	3/13/2008 6:35:01 PM
Toluene	730	50		µg/L	50	3/13/2008 6:35:01 PM
Ethylbenzene	150	50		µg/L	50	3/13/2008 6:35:01 PM
Methyl tert-butyl ether (MTBE)	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2,4-Trimethylbenzene	590	50		µg/L	50	3/13/2008 6:35:01 PM
1,3,5-Trimethylbenzene	170	50		µg/L	50	3/13/2008 6:35:01 PM
1,2-Dichloroethane (EDC)	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2-Dibromoethane (EDB)	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Naphthalene	200	100		µg/L	50	3/13/2008 6:35:01 PM
1-Methylnaphthalene	250	200		µg/L	50	3/13/2008 6:35:01 PM

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- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:30:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
2-Methylnaphthalene	380	200		µg/L	50	3/13/2008 6:35:01 PM
Acetone	500	500		µg/L	50	3/13/2008 6:35:01 PM
Bromobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Bromodichloromethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Bromoform	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Bromomethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
2-Butanone	ND	500		µg/L	50	3/13/2008 6:35:01 PM
Carbon disulfide	ND	500		µg/L	50	3/13/2008 6:35:01 PM
Carbon Tetrachloride	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Chlorobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Chloroethane	ND	100		µg/L	50	3/13/2008 6:35:01 PM
Chloroform	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Chloromethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
2-Chlorotoluene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
4-Chlorotoluene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
cis-1,2-DCE	ND	50		µg/L	50	3/13/2008 6:35:01 PM
cis-1,3-Dichloropropene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2-Dibromo-3-chloropropane	ND	100		µg/L	50	3/13/2008 6:35:01 PM
Dibromochloromethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Dibromomethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2-Dichlorobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,3-Dichlorobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,4-Dichlorobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Dichlorodifluoromethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,1-Dichloroethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,1-Dichloroethene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2-Dichloropropane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,3-Dichloropropane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
2,2-Dichloropropane	ND	100		µg/L	50	3/13/2008 6:35:01 PM
1,1-Dichloropropene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Hexachlorobutadiene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
2-Hexanone	ND	500		µg/L	50	3/13/2008 6:35:01 PM
Isopropylbenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
4-Isopropyltoluene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
4-Methyl-2-pentanone	ND	500		µg/L	50	3/13/2008 6:35:01 PM
Methylene Chloride	ND	150		µg/L	50	3/13/2008 6:35:01 PM
n-Butylbenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
n-Propylbenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
sec-Butylbenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Styrene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
tert-Butylbenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,1,1,2-Tetrachloroethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0803087	**Collection Date:**	3/10/2008 2:30:00 PM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
1,1,2,2-Tetrachloroethane	ND	100		µg/L	50	3/13/2008 6:35:01 PM
Tetrachloroethene (PCE)	ND	50		µg/L	50	3/13/2008 6:35:01 PM
trans-1,2-DCE	ND	50		µg/L	50	3/13/2008 6:35:01 PM
trans-1,3-Dichloropropene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2,3-Trichlorobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2,4-Trichlorobenzene	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,1,1-Trichloroethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,1,2-Trichloroethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Trichloroethene (TCE)	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Trichlorofluoromethane	ND	50		µg/L	50	3/13/2008 6:35:01 PM
1,2,3-Trichloropropane	ND	100		µg/L	50	3/13/2008 6:35:01 PM
Vinyl chloride	ND	50		µg/L	50	3/13/2008 6:35:01 PM
Xylenes, Total	970	75		µg/L	50	3/13/2008 6:35:01 PM
Surr: 1,2-Dichloroethane-d4	105	68.1-123		%REC	50	3/13/2008 6:35:01 PM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	50	3/13/2008 6:35:01 PM
Surr: Dibromofluoromethane	111	68.5-119		%REC	50	3/13/2008 6:35:01 PM
Surr: Toluene-d8	107	64-131		%REC	50	3/13/2008 6:35:01 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: NSB
Specific Conductance	2800	0.010		µmhos/cm	1	3/13/2008
SM4500-H+B: PH						Analyst: BDH
pH	9.14	0.1		pH units	1	3/12/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0803087	**Collection Date:**	3/11/2008 7:30:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-12	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dichlorophenol	ND	50		µg/L	1	3/17/2008
2,4-Dimethylphenol	63	50		µg/L	1	3/17/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dinitrophenol	ND	100		µg/L	1	3/17/2008
2-Methylphenol	710	50		µg/L	1	3/17/2008
3+4-Methylphenol	890	50		µg/L	1	3/17/2008
2-Nitrophenol	ND	50		µg/L	1	3/17/2008
4-Nitrophenol	ND	50		µg/L	1	3/17/2008
Pentachlorophenol	ND	100		µg/L	1	3/17/2008
Phenol	1300	250		µg/L	5	3/17/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	3/17/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	3/17/2008
Surr: 2,4,6-Tribromophenol	12.3	16.6-150	S	%REC	1	3/17/2008
Surr: 2-Fluorobiphenyl	78.5	19.6-134		%REC	1	3/17/2008
Surr: 2-Fluorophenol	18.4	9.54-113		%REC	1	3/17/2008
Surr: 4-Terphenyl-d14	62.5	22.7-145		%REC	1	3/17/2008
Surr: Nitrobenzene-d5	87.7	14.6-134		%REC	1	3/17/2008
Surr: Phenol-d5	40.2	10.7-80.3		%REC	1	3/17/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 Inlet
Lab Order:	0803087	**Collection Date:**	3/11/2008 7:45:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-13	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dichlorophenol	ND	50		µg/L	1	3/17/2008
2,4-Dimethylphenol	52	50		µg/L	1	3/17/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dinitrophenol	ND	100		µg/L	1	3/17/2008
2-Methylphenol	370	50		µg/L	1	3/17/2008
3+4-Methylphenol	580	50		µg/L	1	3/17/2008
2-Nitrophenol	ND	50		µg/L	1	3/17/2008
4-Nitrophenol	ND	50		µg/L	1	3/17/2008
Pentachlorophenol	ND	100		µg/L	1	3/17/2008
Phenol	480	50		µg/L	1	3/17/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	3/17/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	3/17/2008
Surr: 2,4,6-Tribromophenol	13.8	16.6-150	S	%REC	1	3/17/2008
Surr: 2-Fluorobiphenyl	81.9	19.6-134		%REC	1	3/17/2008
Surr: 2-Fluorophenol	1.99	9.54-113	S	%REC	1	3/17/2008
Surr: 4-Terphenyl-d14	56.5	22.7-145		%REC	1	3/17/2008
Surr: Nitrobenzene-d5	81.6	14.6-134		%REC	1	3/17/2008
Surr: Phenol-d5	10.7	10.7-80.3		%REC	1	3/17/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:00:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-14	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dichlorophenol	ND	50		µg/L	1	3/17/2008
2,4-Dimethylphenol	70	50		µg/L	1	3/17/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dinitrophenol	ND	100		µg/L	1	3/17/2008
2-Methylphenol	810	50		µg/L	1	3/17/2008
3+4-Methylphenol	1200	250		µg/L	5	3/17/2008
2-Nitrophenol	ND	50		µg/L	1	3/17/2008
4-Nitrophenol	ND	50		µg/L	1	3/17/2008
Pentachlorophenol	ND	100		µg/L	1	3/17/2008
Phenol	1400	250		µg/L	5	3/17/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	3/17/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	3/17/2008
Surr: 2,4,6-Tribromophenol	18.1	16.6-150		%REC	1	3/17/2008
Surr: 2-Fluorobiphenyl	68.2	19.6-134		%REC	1	3/17/2008
Surr: 2-Fluorophenol	6.37	9.54-113	S	%REC	1	3/17/2008
Surr: 4-Terphenyl-d14	48.5	22.7-145		%REC	1	3/17/2008
Surr: Nitrobenzene-d5	68.2	14.6-134		%REC	1	3/17/2008
Surr: Phenol-d5	26.1	10.7-80.3		%REC	1	3/17/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond One
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:55:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-15	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	32	1.0		mg/L	1	3/12/2008 12:34:25 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	3/12/2008 12:34:25 PM
Surr: DNOP	109	58-140		%REC	1	3/12/2008 12:34:25 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1.9	0.50		mg/L	10	3/17/2008 2:56:01 PM
Surr: BFB	118	79.2-121		%REC	10	3/17/2008 2:56:01 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	500	2.0		mg/L	20	3/14/2008 10:27:11 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
4-Chloro-3-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dichlorophenol	ND	50		µg/L	1	3/17/2008
2,4-Dimethylphenol	100	50		µg/L	1	3/17/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	3/17/2008
2,4-Dinitrophenol	ND	100		µg/L	1	3/17/2008
2-Methylphenol	880	50		µg/L	1	3/17/2008
3+4-Methylphenol	1300	250		µg/L	5	3/17/2008
2-Nitrophenol	ND	50		µg/L	1	3/17/2008
4-Nitrophenol	ND	50		µg/L	1	3/17/2008
Pentachlorophenol	ND	100		µg/L	1	3/17/2008
Phenol	450	50		µg/L	1	3/17/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	3/17/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	3/17/2008
Surr: 2,4,6-Tribromophenol	19.6	16.6-150		%REC	1	3/17/2008
Surr: 2-Fluorobiphenyl	68.5	19.6-134		%REC	1	3/17/2008
Surr: 2-Fluorophenol	2.61	9.54-113	S	%REC	1	3/17/2008
Surr: 4-Terphenyl-d14	54.2	22.7-145		%REC	1	3/17/2008
Surr: Nitrobenzene-d5	70.3	14.6-134		%REC	1	3/17/2008
Surr: Phenol-d5	8.36	10.7-80.3	S	%REC	1	3/17/2008
EPA METHOD 8260B: VOLATILES						Analyst: **KME**
Benzene	190	5.0		µg/L	5	3/17/2008 4:26:54 PM
Toluene	440	5.0		µg/L	5	3/17/2008 4:26:54 PM
Ethylbenzene	79	5.0		µg/L	5	3/17/2008 4:26:54 PM
Methyl tert-butyl ether (MTBE)	5.8	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2,4-Trimethylbenzene	300	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,3,5-Trimethylbenzene	90	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Naphthalene	170	10		µg/L	5	3/17/2008 4:26:54 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond One
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:55:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-15	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: KME
1-Methylnaphthalene	190	20		µg/L	5	3/17/2008 4:26:54 PM
2-Methylnaphthalene	290	20		µg/L	5	3/17/2008 4:26:54 PM
Acetone	1200	200		µg/L	20	3/18/2008 10:10:55 AM
Bromobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Bromodichloromethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Bromoform	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Bromomethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
2-Butanone	170	50		µg/L	5	3/17/2008 4:26:54 PM
Carbon disulfide	ND	50		µg/L	5	3/17/2008 4:26:54 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Chlorobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Chloroethane	ND	10		µg/L	5	3/17/2008 4:26:54 PM
Chloroform	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Chloromethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
2-Chlorotoluene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
4-Chlorotoluene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
cis-1,2-DCE	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	3/17/2008 4:26:54 PM
Dibromochloromethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Dibromomethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
2,2-Dichloropropane	ND	10		µg/L	5	3/17/2008 4:26:54 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
2-Hexanone	ND	50		µg/L	5	3/17/2008 4:26:54 PM
Isopropylbenzene	7.9	5.0		µg/L	5	3/17/2008 4:26:54 PM
4-Isopropyltoluene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	3/17/2008 4:26:54 PM
Methylene Chloride	ND	15		µg/L	5	3/17/2008 4:26:54 PM
n-Butylbenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
n-Propylbenzene	27	5.0		µg/L	5	3/17/2008 4:26:54 PM
sec-Butylbenzene	5.0	5.0		µg/L	5	3/17/2008 4:26:54 PM
Styrene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
tert-Butylbenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond One
Lab Order:	0803087	**Collection Date:**	3/11/2008 8:55:00 AM
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-15	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **KME**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	3/17/2008 4:26:54 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
trans-1,2-DCE	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	3/17/2008 4:26:54 PM
Vinyl chloride	ND	5.0		µg/L	5	3/17/2008 4:26:54 PM
Xylenes, Total	480	7.5		µg/L	5	3/17/2008 4:26:54 PM
Surr: 1,2-Dichloroethane-d4	101	68.1-123		%REC	5	3/17/2008 4:26:54 PM
Surr: 4-Bromofluorobenzene	89.0	53.2-145		%REC	5	3/17/2008 4:26:54 PM
Surr: Dibromofluoromethane	114	68.5-119		%REC	5	3/17/2008 4:26:54 PM
Surr: Toluene-d8	101	64-131		%REC	5	3/17/2008 4:26:54 PM
SM4500-H+B: PH						Analyst: **BDH**
pH	3.81	0.1		pH units	1	3/12/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0803087	**Collection Date:**	
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-16	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	3/17/2008 3:26:30 PM
Surr: BFB	104	79.2-121		%REC	1	3/17/2008 3:26:30 PM
EPA METHOD 8260B: VOLATILES						Analyst: KME
Benzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Toluene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Ethylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Naphthalene	ND	2.0		µg/L	1	3/17/2008 4:55:37 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	3/17/2008 4:55:37 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	3/17/2008 4:55:37 PM
Acetone	ND	10		µg/L	1	3/17/2008 4:55:37 PM
Bromobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Bromodichloromethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Bromoform	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Bromomethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
2-Butanone	ND	10		µg/L	1	3/17/2008 4:55:37 PM
Carbon disulfide	ND	10		µg/L	1	3/17/2008 4:55:37 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Chlorobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Chloroethane	ND	2.0		µg/L	1	3/17/2008 4:55:37 PM
Chloroform	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Chloromethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
2-Chlorotoluene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
4-Chlorotoluene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
cis-1,2-DCE	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	3/17/2008 4:55:37 PM
Dibromochloromethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Dibromomethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *31-Mar-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0803087	**Collection Date:**	
Project:	OCD Discharge Permit 1st Qtr 2008	**Date Received:**	3/11/2008
Lab ID:	0803087-16	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: KME
2,2-Dichloropropane	ND	2.0		µg/L	1	3/17/2008 4:55:37 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
2-Hexanone	ND	10		µg/L	1	3/17/2008 4:55:37 PM
Isopropylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	3/17/2008 4:55:37 PM
Methylene Chloride	ND	3.0		µg/L	1	3/17/2008 4:55:37 PM
n-Butylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
n-Propylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
sec-Butylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Styrene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
tert-Butylbenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	3/17/2008 4:55:37 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
trans-1,2-DCE	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	3/17/2008 4:55:37 PM
Vinyl chloride	ND	1.0		µg/L	1	3/17/2008 4:55:37 PM
Xylenes, Total	ND	1.5		µg/L	1	3/17/2008 4:55:37 PM
Surr: 1,2-Dichloroethane-d4	96.9	68.1-123		%REC	1	3/17/2008 4:55:37 PM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	1	3/17/2008 4:55:37 PM
Surr: Dibromofluoromethane	105	68.5-119		%REC	1	3/17/2008 4:55:37 PM
Surr: Toluene-d8	106	64-131		%REC	1	3/17/2008 4:55:37 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0803087
Order: 08030254 HAL03 Receipt: 03-11-08

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0803087-01C POND 1* Collected: *03-11-08 9:10:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-001A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.10	C-004	Chemical Oxygen Demand	965	mg/L	1	10		03-24-08	03-24-08

Sample: *0803087-01D POND 1* Collected: *03-11-08 9:10:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.12	10-26-4	Biochemical Oxygen Demand	556	mg/L	1	4		03-13-08	03-18-08

Sample: *0803087-01E POND 1* Collected: *03-11-08 9:10:00* By:
Matrix: *AQUEOUS* *SR1189*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-003A		SM-9223B						By: FAS		
BT08095	BT.2008.168.34		E. coli, MMO/MUG	Absent	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.34		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Report Date: 3/26/2008 1:06:15 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254 HAL03** Receipt: **03-11-08**

Sample: ***0803087-02C POND 2*** Collected: *03-11-08 9:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-004A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.11	C-004	Chemical Oxygen Demand	871	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-02D POND 2*** Collected: *03-11-08 9:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-005A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.13	10-26-4	Biochemical Oxygen Demand	371	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-02E POND 2*** Collected: *03-11-08 9:20:00* By:
Matrix: ***AQUEOUS*** *SR1190*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-006A		SM-9223B						By: FAS		
BT08095	BT.2008.168.35		E. coli, MMO/MUG	Absent	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.35		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Sample: ***0803087-03C POND 3*** Collected: *03-11-08 9:50:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-007A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.12	C-004	Chemical Oxygen Demand	871	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-03D POND 3*** Collected: *03-11-08 9:50:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-008A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.14	10-26-4	Biochemical Oxygen Demand	323	mg/L	1	4		03-13-08	03-18-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

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Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254 HAL03** Receipt: **03-11-08**

Sample: ***0803087-03E POND 3*** Collected: *03-11-08 9:50:00* By:
Matrix: ***AQUEOUS*** *SR1191*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-009A		SM-9223B						By: FAS		
BT08095	BT.2008.168.36		E. coli, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.36		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Sample: ***0803087-04C POND 4*** Collected: *03-11-08 9:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-010A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08006	WC.2008.613.10	C-004	Chemical Oxygen Demand	633	mg/L	1	10		03-17-08	03-19-08

Sample: ***0803087-04D POND 4*** Collected: *03-11-08 9:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-011A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.15	10-26-4	Biochemical Oxygen Demand	275	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-04E POND 4*** Collected: *03-11-08 9:35:00* By:
Matrix: ***AQUEOUS*** *SR1192*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-012A		SM-9223B						By: FAS		
BT08095	BT.2008.168.37		E. coli, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.37		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Sample: ***0803087-05C POND 5*** Collected: *03-11-08 10:05:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-013A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08006	WC.2008.613.11	C-004	Chemical Oxygen Demand	506	mg/L	1	10		03-17-08	03-19-08

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254 HAL03** Receipt: **03-11-08**

Sample: ***0803087-05D POND 5*** Collected: *03-11-08 10:05:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-014A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08027	WC.2008.650.16	10-26-4	Biochemical Oxygen Demand	178	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-05E POND 5*** Collected: *03-11-08 10:05:00* By:
Matrix: ***AQUEOUS*** *SR1193*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-015A		**SM-9223B**						By: FAS		
BT08095	BT.2008.168.38		E. coli, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.38		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Sample: ***0803087-06C POND 6*** Collected: *03-11-08 10:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-016A		**EPA 410.1 Chemical Oxygen Demand**						By: CET		
WCOD08008	WC.2008.701.13	C-004	Chemical Oxygen Demand	847	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-06D POND 6*** Collected: *03-11-08 10:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-017A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08027	WC.2008.650.17	10-26-4	Biochemical Oxygen Demand	126	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-06E POND 6*** Collected: *03-11-08 10:20:00* By:
Matrix: ***AQUEOUS*** *SR1194*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-018A		**SM-9223B**						By: FAS		
BT08095	BT.2008.168.39		E. coli, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.39		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

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Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254** **HAL03** Receipt: **03-11-08**

Sample: ***0803087-07C POND 7*** Collected: *03-11-08 10:40:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-019A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.14	C-004	Chemical Oxygen Demand	2118	mg/L	10	10		03-24-08	03-24-08

Sample: ***0803087-07D POND 7*** Collected: *03-11-08 10:40:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-020A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.18	10-26-4	Biochemical Oxygen Demand	15.7	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-07E POND 7*** Collected: *03-11-08 10:40:00* By:
Matrix: ***AQUEOUS*** *SR1195*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-021A		SM-9223B						By: FAS		
BT08095	BT.2008.168.40		E. coli, MMO/MUG	Absent	N/A	1	0		03-11-08	03-12-08
BT08095	BT.2008.168.40		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Sample: ***0803087-08C POND 8*** Collected: *03-11-08 11:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-022A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08006	WC.2008.613.15	C-004	Chemical Oxygen Demand	1770	mg/L	10	10		03-17-08	03-19-08

Sample: ***0803087-08D POND 8*** Collected: *03-11-08 11:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-023A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.19	10-26-4	Biochemical Oxygen Demand	17.4	mg/L	1	4		03-13-08	03-18-08

Assalgai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254 HAL03** Receipt: **03-11-08**

Sample: ***0803087-08E POND 8*** Collected: *03-11-08 11:00:00* By:
Matrix: ***AQUEOUS*** *SR1196*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-024A		**SM-9223B**						By: FAS		
BT08096	BT.2008.168.41		E. coli, MMO/MUG	Absent	N/A	1	0		03-11-08	03-12-08
BT08096	BT.2008.168.41		Total Coliform, MMO/MUG	Present	N/A	1	0		03-11-08	03-12-08

Sample: ***0803087-10C PILOT EFFLUENT*** Collected: *03-11-08 8:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-025A		**EPA 410.1 Chemical Oxygen Demand**						By: CET		
WCOD08008	WC.2008.701.15	C-004	Chemical Oxygen Demand	824	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-10D PILOT EFFLUENT*** Collected: *03-11-08 8:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-026A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08027	WC.2008.650.20	10-26-4	Biochemical Oxygen Demand	618	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-12B AL-1 INLET*** Collected: *03-11-08 7:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-027A		**EPA 410.1 Chemical Oxygen Demand**						By: CET		
WCOD08008	WC.2008.701.16	C-004	Chemical Oxygen Demand	1110	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-12C AL-1 INLET*** Collected: *03-11-08 7:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-028A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08027	WC.2008.650.4	10-26-4	Biochemical Oxygen Demand	493	mg/L	1	4		03-13-08	03-18-08

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

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Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254 HAL03** Receipt: **03-11-08**

Sample: ***0803087-13B AL-2 INLET*** Collected: *03-11-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-029A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.17	C-004	Chemical Oxygen Demand	894	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-13C AL-2 INLET*** Collected: *03-11-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-030A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.21	10-26-4	Biochemical Oxygen Demand	423	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-14B EP-1 INLET*** Collected: *03-11-08 8:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-031A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.18	C-004	Chemical Oxygen Demand	988	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-14C EP-1 INLET*** Collected: *03-11-08 8:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-032A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.22	10-26-4	Biochemical Oxygen Demand	501	mg/L	1	4		03-13-08	03-18-08

Sample: ***0803087-15D EVAP POND ONE*** Collected: *03-11-08 8:55:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-033A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08008	WC.2008.701.19	C-004	Chemical Oxygen Demand	965	mg/L	1	10		03-24-08	03-24-08

Sample: ***0803087-15E EVAP POND ONE*** Collected: *03-11-08 8:55:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030254-034A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08027	WC.2008.650.23	10-26-4	Biochemical Oxygen Demand	510	mg/L	1	4		03-13-08	03-18-08

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0803087**
Order: **08030254** **HAL03** Receipt: **03-11-08**

Sample: ***0803087-15E EVAP POND ONE*** Collected: *03-11-08 8:55:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R27689**	Analysis Date:	3/12/2008 5:03:10 PM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R27693**	Analysis Date:	3/12/2008 9:24:12 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R27740**	Analysis Date:	3/14/2008 9:34:57 AM	
Chloride	ND	mg/L	0.10						
Sample ID: MB		*MBLK*			Batch ID:	**R27858**	Analysis Date:	3/25/2008 9:19:13 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R27689**	Analysis Date:	3/12/2008 5:20:35 PM	
Fluoride	0.5105	mg/L	0.10	102	90	110			
Chloride	5.178	mg/L	0.10	104	90	110			
Nitrogen, Nitrite (As N)	1.003	mg/L	0.10	100	90	110			
Nitrogen, Nitrate (As N)	2.590	mg/L	0.10	104	90	110			
Phosphorus, Orthophosphate (As P)	5.233	mg/L	0.50	105	90	110			
Sulfate	10.49	mg/L	0.50	105	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R27693**	Analysis Date:	3/12/2008 9:41:36 AM	
Chloride	5.034	mg/L	0.10	101	90	110			
Nitrogen, Nitrite (As N)	1.021	mg/L	0.10	102	90	110			
Nitrogen, Nitrate (As N)	2.523	mg/L	0.10	101	90	110			
Phosphorus, Orthophosphate (As P)	5.137	mg/L	0.50	103	90	110			
Sulfate	10.06	mg/L	0.50	101	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R27740**	Analysis Date:	3/14/2008 9:52:22 AM	
Chloride	4.995	mg/L	0.10	99.9	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R27848**	Analysis Date:	3/24/2008 10:33:26 AM	
Chloride	5.315	mg/L	0.10	106	90	110			
Nitrogen, Nitrite (As N)	0.9899	mg/L	0.10	99.0	90	110			
Nitrogen, Nitrate (As N)	2.686	mg/L	0.10	107	90	110			
Sulfate	10.80	mg/L	0.50	108	90	110			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: LCS-b		*LCS*			Batch ID: **R27848**		Analysis Date:		3/24/2008 2:19:45 PM
Fluoride	0.5332	mg/L	0.10	107	90	110			
Phosphorus, Orthophosphate (As P)	5.250	mg/L	0.50	105	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R27858**		Analysis Date:		3/25/2008 9:36:37 AM
Fluoride	0.5130	mg/L	0.10	103	90	110			
Chloride	5.106	mg/L	0.10	102	90	110			
Nitrogen, Nitrite (As N)	0.9547	mg/L	0.10	95.5	90	110			
Nitrogen, Nitrate (As N)	2.556	mg/L	0.10	102	90	110			
Phosphorus, Orthophosphate (As P)	5.161	mg/L	0.50	103	90	110			
Sulfate	10.29	mg/L	0.50	103	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-15344		*MBLK*			Batch ID: **15344**		Analysis Date:		3/12/2008 7:55:47 AM
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-15344		*LCS*			Batch ID: **15344**		Analysis Date:		3/12/2008 8:30:48 AM
Diesel Range Organics (DRO)	4.930	mg/L	1.0	98.6	74	157			
Sample ID: LCSD-15344		*LCSD*			Batch ID: **15344**		Analysis Date:		3/12/2008 9:05:44 AM
sel Range Organics (DRO)	5.189	mg/L	1.0	104	74	157	5.12	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 0803087-10A MSD		*MSD*			Batch ID: **R27734**		Analysis Date:		3/17/2008 1:54:35 PM
Gasoline Range Organics (GRO)	0.5360	mg/L	0.050	107	80	115	1.88	8.39	
Sample ID: 5ML RB		*MBLK*			Batch ID: **R27734**		Analysis Date:		3/17/2008 8:38:05 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: **R27734**		Analysis Date:		3/17/2008 3:57:17 PM
Gasoline Range Organics (GRO)	0.4760	mg/L	0.050	95.2	80	115			
Sample ID: 0803087-10A MS		*MS*			Batch ID: **R27734**		Analysis Date:		3/17/2008 1:24:02 PM
Gasoline Range Organics (GRO)	0.5260	mg/L	0.050	105	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-15376		*MBLK*			Batch ID: **15376**		Analysis Date:		3/17/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
tyl benzyl phthalate	ND	µg/L	10						
bazole	ND	µg/L	10						
4-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	10						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	10						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-15376		*MBLK*			Batch ID: **15376**		Analysis Date:		3/17/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
Nitrophenol	ND	µg/L	10						
entachlorophenol	ND	µg/L	20						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-15376		*LCS*			Batch ID: **15376**		Analysis Date:		3/17/2008
Acenaphthene	58.40	µg/L	10	58.4	11	123			
4-Chloro-3-methylphenol	125.1	µg/L	10	62.6	15.4	119			
2-Chlorophenol	108.7	µg/L	10	54.3	12.2	122			
1,4-Dichlorobenzene	50.28	µg/L	10	50.3	16.9	100			
2,4-Dinitrotoluene	63.36	µg/L	10	63.4	13	138			
N-Nitrosodi-n-propylamine	62.58	µg/L	10	62.6	9.93	122			
4-Nitrophenol	57.14	µg/L	10	28.6	12.5	87.4			
Pentachlorophenol	83.84	µg/L	20	41.9	3.55	114			
Phenol	65.40	µg/L	10	32.7	7.53	73.1			
Pyrene	52.42	µg/L	10	52.4	12.6	140			
1,2,4-Trichlorobenzene	54.58	µg/L	10	54.6	17.4	98.7			
Sample ID: lcsd-15376		*LCSD*			Batch ID: **15376**		Analysis Date:		3/17/2008
Acenaphthene	61.48	µg/L	10	61.5	11	123	5.14	30.5	
4-Chloro-3-methylphenol	136.4	µg/L	10	68.2	15.4	119	8.66	28.6	
2-Chlorophenol	114.8	µg/L	10	57.4	12.2	122	5.48	107	
1,4-Dichlorobenzene	55.56	µg/L	10	55.6	16.9	100	9.98	62.1	
4-Dinitrotoluene	65.70	µg/L	10	65.7	13	138	3.63	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-15376		*LCSD*			Batch ID:	**15376**	Analysis Date:		3/17/2008
N-Nitrosodi-n-propylamine	68.10	µg/L	10	68.1	9.93	122	8.45	30.3	
4-Nitrophenol	51.70	µg/L	10	25.9	12.5	87.4	10.0	36.3	
Pentachlorophenol	82.60	µg/L	20	41.3	3.55	114	1.49	49	
Phenol	68.52	µg/L	10	34.3	7.53	73.1	4.66	52.4	
Pyrene	56.36	µg/L	10	56.4	12.6	140	7.24	16.3	
1,2,4-Trichlorobenzene	62.18	µg/L	10	62.2	17.4	98.7	13.0	36.4	
Method: EPA Method 7470: Mercury									
Sample ID: MB-15373		*MBLK*			Batch ID:	**15373**	Analysis Date:		3/14/2008 4:06:23 PM
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-15373		*LCS*			Batch ID:	**15373**	Analysis Date:		3/14/2008 4:08:07 PM
Mercury	0.004789	mg/L	0.00020	94.2	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: 0803087-01B MSD		*MSD*			Batch ID:	**15352**	Analysis Date:		3/19/2008 1:20:41 PM
Arsenic	0.5204	mg/L	0.020	104	75	125	0.922	20	
Barium	0.4983	mg/L	0.010	93.9	75	125	1.40	20	
Cadmium	0.4873	mg/L	0.0020	97.6	75	125	2.13	20	
Calcium	64.12	mg/L	0.50	92.3	75	125	0.229	20	
Chromium	0.5268	mg/L	0.0060	93.1	75	125	2.16	20	
Copper	0.5164	mg/L	0.0060	103	75	125	1.26	20	
Lead	0.4619	mg/L	0.0050	92.4	75	125	2.82	20	
Magnesium	63.78	mg/L	0.50	93.6	75	125	0.0389	20	
Potassium	84.60	mg/L	1.0	97.5	75	125	0.403	20	
Selenium	0.4284	mg/L	0.050	85.7	75	125	3.43	20	
Sample ID: 0803087-01B MSD		*MSD*			Batch ID:	**15352**	Analysis Date:		3/19/2008 2:59:04 PM
Uranium	1.424	mg/L	0.50	285	75	125	2.50	20	S
Zinc	2.342	mg/L	0.10	121	75	125	1.94	20	
Sample ID: 0803087-01B MSD		*MSD*			Batch ID:	**15352**	Analysis Date:		3/21/2008 4:42:42 PM
Manganese	1.244	mg/L	0.010	88.7	75	125	0.455	20	
Sample ID: MB-15352		*MBLK*			Batch ID:	**15352**	Analysis Date:		3/19/2008 12:07:35 PM
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Uranium	ND	mg/L	0.10						
Zinc	ND	mg/L	0.020						
Sample ID: MB-15352		*MBLK*			Batch ID:	**15352**	Analysis Date:		3/21/2008 2:13:11 PM
Iron	ND	mg/L	0.050						
Manganese	ND	mg/L	0.0020						
Sodium	ND	mg/L	0.50						
Sample ID: LCS-15352		*LCS*			Batch ID:	**15352**	Analysis Date:		3/19/2008 12:10:37 PM
Arsenic	0.4944	mg/L	0.020	98.9	80	120			
Barium	0.4827	mg/L	0.010	96.5	80	120			
Cadmium	0.4903	mg/L	0.0020	98.1	80	120			
Calcium	49.45	mg/L	0.50	98.9	80	120			
Chromium	0.4942	mg/L	0.0060	98.8	80	120			
Copper	0.5042	mg/L	0.0060	101	80	120			
Iron	0.4882	mg/L	0.050	97.6	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: LCS-15352		*LCS*			Batch ID:	**15352**	Analysis Date:	3/19/2008 12:10:37 PM	
Lead	0.4801	mg/L	0.0050	96.0	80	120			
Magnesium	50.60	mg/L	0.50	101	80	120			
Potassium	53.06	mg/L	1.0	106	80	120			
Selenium	0.4626	mg/L	0.050	92.5	80	120			
Silver	0.4975	mg/L	0.0050	99.5	80	120			
Uranium	0.4653	mg/L	0.10	93.1	80	120			
Zinc	0.4727	mg/L	0.020	94.5	80	120			
Sample ID: LCS-15352		*LCS*			Batch ID:	**15352**	Analysis Date:	3/21/2008 2:16:05 PM	
Iron	0.4760	mg/L	0.050	95.2	80	120			
Manganese	0.4628	mg/L	0.0020	92.6	80	120			
Sodium	49.41	mg/L	0.50	98.8	80	120			
Sample ID: 0803087-01B MS		*MS*			Batch ID:	**15352**	Analysis Date:	3/19/2008 1:17:01 PM	
Arsenic	0.5156	mg/L	0.020	103	75	125			
Barium	0.5059	mg/L	0.010	95.3	75	125			
Cadmium	0.4983	mg/L	0.0020	99.7	75	125			
Calcium	63.97	mg/L	0.50	92.0	75	125			
Chromium	0.5383	mg/L	0.0060	95.4	75	125			
Cobalt	0.5230	mg/L	0.0060	105	75	125			
Lead	0.4751	mg/L	0.0050	95.0	75	125			
Magnesium	63.75	mg/L	0.50	93.5	75	125			
Potassium	84.26	mg/L	1.0	96.8	75	125			
Selenium	0.4433	mg/L	0.050	88.7	75	125			
Sample ID: 0803087-01B MS		*MS*			Batch ID:	**15352**	Analysis Date:	3/19/2008 2:56:08 PM	
Uranium	1.389	mg/L	0.50	278	75	125			S
Zinc	2.297	mg/L	0.10	112	75	125			
Sample ID: 0803087-01B MS		*MS*			Batch ID:	**15352**	Analysis Date:	3/21/2008 4:40:13 PM	
Manganese	1.250	mg/L	0.010	89.8	75	125			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5mL rb		*MBLK*							
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5mL rb		*MBLK*			Batch ID: **R27760**		Analysis Date: 3/13/2008 10:01:00 AM		
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R27763**		Analysis Date: 3/17/2008 9:28:53 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R27763**		Analysis Date:	3/17/2008 9:28:53 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs b		*LCS*			Batch ID: **R27760**		Analysis Date:	3/13/2008 12:30:23 PM	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Discharge Permit 1st Qtr 2008 **Work Order:** 0803087

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs b		*LCS*			Batch ID:	**R27760**	Analysis Date:	3/13/2008 12:30:23 PM	
Benzene	21.90	µg/L	1.0	109	72.4	126			
Toluene	20.65	µg/L	1.0	103	79.2	115			
Chlorobenzene	20.80	µg/L	1.0	104	83.1	111			
1,1-Dichloroethene	23.38	µg/L	1.0	117	81.4	122			
Trichloroethene (TCE)	20.87	µg/L	1.0	104	64.4	118			
Sample ID: 100ng LCS		*LCS*			Batch ID:	**R27763**	Analysis Date:	3/17/2008 11:53:43 AM	
Benzene	22.22	µg/L	1.0	111	72.4	126			
Toluene	20.26	µg/L	1.0	101	79.2	115			
Chlorobenzene	20.90	µg/L	1.0	105	83.1	111			
1,1-Dichloroethene	22.44	µg/L	1.0	112	81.4	122			
Trichloroethene (TCE)	20.31	µg/L	1.0	102	64.4	118			
Sample ID: 100ng lcsd		*LCSD*			Batch ID:	**R27760**	Analysis Date:	3/13/2008 11:58:09 PM	
Benzene	22.50	µg/L	1.0	113	72.4	126	2.72	11	
Toluene	19.22	µg/L	1.0	96.1	79.2	115	7.19	12.2	
Chlorobenzene	20.06	µg/L	1.0	100	83.1	111	3.63	12	
1,1-Dichloroethene	22.23	µg/L	1.0	111	81.4	122	5.08	19.3	
Trichloroethene (TCE)	20.18	µg/L	1.0	101	64.4	118	3.33	15.5	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU — Date Received: 3/11/2008

Work Order Number 0803087 — Received by: AT

Checklist completed by: _____ 3/11/08 — Sample ID labels checked by _____ Initials

Signature — Date

Matrix — Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 6° *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Address: Route 3 Box 7
Gallup, NM 87301
Phone #: 505-722-3833
email or Fax#: 505-722-0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: OCD Discharge Permit 1st Qtr. 2008 pg 2 (3/11/08)
Project #:
Project Manager: Jim Lieb jim.lieb@wnr.com cherul.johnson@wnr.com
Sampler: C. Johnson
On Ice: ☒ Yes ☐ No
Sample Temperature: 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 080308 7	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BoD - COD	Gen Chem	E. coli/Bacteria	Metals W/ CC Total	Air Bubbles (Y or N)
3/11/08	0910	Pond 1			-1										X		X	X	X	X	
"	0920	Pond 2			-2										X		X	X	+	X	
"	0950	Pond 3			-3										X		X	X	X	X	
"	0935	Pond 4			-4										X		X	X	X	X	
"	1005	Pond 5			-5										X		X	X	X	X	
"	1020	Pond 6			-6										X		X	X	X	X	
"	1040	Pond 7			-7										X		X	X	X	X	
"	1100	Pond 8			-8										X		X	X	X	X	

Date: 3/11/08 Time: 1145 Relinquished by: Received by:
Date: 3/11/08 Time: 2:00p Relinquished by: Received by: 3/11/08 1400

Remarks: Gen Chem = Cations, Anions, pH, and Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Address: Route 3 Box 7
Gallup, NM 87301
Phone #: 505-722-3833
email or Fax#: 505-722-0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: OCD Discharge Permit 1st Qtr. 2008 pg 2 of 4 3/11/08

Project #:

Project Manager: Jim Lieb; jim.lieb@wnr.com
cheryl.johnson@wnr.com

Sampler: CJohnson

On Ice: X Yes ☐ No

Sample Temperature: 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0803087	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260) pH	8310 (PNA or PAH)	Anions (F, Cl, NO3, NO2, PO4, SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Metals Ucc Title	BOD - COD	Gen Chem	Phenol by 8270	Air Bubbles (Y or N)
3/10/08	1400	AL-2 to EP-1			-9			X							X		X				
3/11/08	0830	Pilot Effluent			-10			X							X		X	X			
3/10/08	1430	NAPIS Effluent			-11			X							X	X	X		X		
3/11/08	0730	AL-1 Inlet			-12													X		X	
"	0745	AL-2 Inlet			-13													X		X	
"	0800	EP-1 Inlet			-14													X		X	
3-11-08	0855	Evap Pond One			-15			X			X		X		X			X		X	
		Trip Blank			-16			X							X						

Date	Time	Relinquished by	Received by
3/11/08	1145		Bryan Hallbrook
3/11/08	2:00p	Bryan Hallbrook	3/11/08 1400

Remarks: Gen Chem = cations, anions, pH, and conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, March 27, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0803199

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/20/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0803199
Order: 08030489 HAL03 Receipt: 03-20-08

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0803199-01A INLET TO EP2* Collected: *03-20-08 10:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030489-001A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08009	WC.2008.699.14	C-004	Chemical Oxygen Demand	829	mg/L	1	10		03-25-08	03-25-08

Sample: *0803199-01B INLET TO EP2* Collected: *03-20-08 10:00:00* By:
Matrix: *AQUEOUS* *SR1518*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030489-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08033	WC.2008.710.9	10-26-4	Biochemical Oxygen Demand	344	mg/L	1	4		03-21-08	03-26-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 3/27/2008 3:59:18 PM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 3/20/2008

Work Order Number 0803199 Received by: AMF

Checklist completed by: Signature 3/20/08 Date Sample ID labels checked by: ____ Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	7°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA / QC Package:
Std ☐ Level 4 ☐
Other:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

Client: WESTERN - Gallup
Address:
Phone #:
Fax #:

Project Name: INLET TO EP2
Project #:
Project Manager: Jim LIEB
Sampler: ALVIN Dorsey
Sample Temperature: 7°C

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative $HgCl_2$	Preservative HNO_3	Preservative	HEAL No.
3/20/08	10:00	H_2O	INLET TO EP2	1/500mL			H_2SO_4	0803194-1
3/20/08	10:00	H_2O	INLET TO EP2	1/1000mL			N/A	-1

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles or Headspace (Y or N)
												X	COD			
													X BOD			

Date	Time	Relinquished By: (Signature)	Received By: (Signature)
3-20-08	10:50AM	Alvin Dorsey	Bryan Hallbrook
3-20-08	2:05p	Bryan Hallbrook	3/20/08 2:05

Remarks: Pls. copy B. Hallbrook

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, April 03, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Inlet to EP2

Order No.: 0803260

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 3/26/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0803260**
Order: **08030605 HAL03** Receipt: **03-26-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0803260-01A INLET TO EP2*** Collected: *03-26-08 9:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030605-001A		EPA 410.1 Chemical Oxygen Demand						By: CET		
WCOD08010	WC.2008.752.19	C-004	Chemical Oxygen Demand	1430	mg/L	1	10		03-28-08	03-31-08

Sample: ***0803260-01B INLET TO EP2*** Collected: *03-26-08 9:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08030605-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08034	WC.2008.764.4	10-26-4	Biochemical Oxygen Demand	649	mg/L	1	4		03-27-08	04-01-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 4/3/2008 12:55:55 PM

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU — Date Received: 3/26/2008

Work Order Number 0803260 — Received by: AMF

Checklist completed by: _____ 3/26/08 — Sample ID labels checked by: AJ

Signature — Date — Initials

Matrix: — Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? **6°** *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

CHAIN-OF-CUSTODY RECORD

QA/QC Package:
Std ☐ Level 4 ☐
Other:

Client: WESTERN - Gallup

Project Name: INLET TO EP2

Address:

Project #:

Project Manager: JIM LIEB

Phone #:

Sampler: ALVIN Dorsey

Fax #:

Sample Temperature: 6

Date	Time	Matrix	Sample I.D. No.	Number/Volume	Preservative			HEAL No.
					$HgCl_2$	HNO_3		
3/26/08	9:20A	Ag	INLETTOEP2	1/500 mL			H_2SO_4	080326 0 1
3/26/08	9:20A		INLET TO EP2	1/1000 mL			N/A	1

Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	
3-26-08	10:15A			3/26/08 1350
Date:	Time:	Relinquished By: (Signature)	Received By: (Signature)	

HALL ENVIRONMENTAL ANALYSIS LABORATORY
4901 Hawkins NE, Suite D
Albuquerque, New Mexico 87109
Tel. 505.345.3975 Fax 505.345.4107
www.hallenvironmental.com

ANALYSIS REQUEST

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gasoline Only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8021)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO_3, NO_2, PO_4, SO_4)	8081 Pesticides / PCB's (8082)	8260B (VOA)	8270 (Semi-VOA)	COD	BOD			Air Bubbles or Headspace (Y or N)
												X				
													X			

Remarks:

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, April 23, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: NAPIS Monitoring Wells

Order No.: 0804133

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 4/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc. **Date:** *23-Apr-08*

CLIENT:	Western Refining Southwest, Gallup
Project:	NAPIS Monitoring Wells
Lab Order:	0804133

CASE NARRATIVE

Analytical Comments for METHOD 8015GRO_W, SAMPLE 0804133-01A: Elevated surrogate due to matrix interference.

Hall Environmental Analysis Laboratory, Inc.

Date: *23-Apr-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA2R
Lab Order:	0804133	**Collection Date:**	4/11/2008 11:30:00 AM
Project:	NAPIS Monitoring Wells	**Date Received:**	4/11/2008
Lab ID:	0804133-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	1.5	1.0		mg/L	1	4/19/2008 1:56:07 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/19/2008 1:56:07 AM
Surr: DNOP	105	58-140		%REC	1	4/19/2008 1:56:07 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2.2	0.050		mg/L	1	4/16/2008 12:33:16 PM
Surr: BFB	142	79.2-121	S	%REC	1	4/16/2008 12:33:16 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	320	50		µg/L	20	4/16/2008 1:13:06 AM
Benzene	91	1.0		µg/L	1	4/16/2008 12:33:16 PM
Toluene	19	1.0		µg/L	1	4/16/2008 12:33:16 PM
Ethylbenzene	51	1.0		µg/L	1	4/16/2008 12:33:16 PM
Xylenes, Total	120	2.0		µg/L	1	4/16/2008 12:33:16 PM
1,2,4-Trimethylbenzene	98	1.0		µg/L	1	4/16/2008 12:33:16 PM
1,3,5-Trimethylbenzene	27	1.0		µg/L	1	4/16/2008 12:33:16 PM
Surr: 4-Bromofluorobenzene	93.2	68.9-122		%REC	1	4/16/2008 12:33:16 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.92	0.10		mg/L	1	4/12/2008 12:26:13 AM
Chloride	360	1.0		mg/L	10	4/12/2008 12:43:38 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	4/12/2008 12:43:38 AM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	4/12/2008 12:26:13 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/12/2008 12:26:13 AM
Sulfate	42	0.50		mg/L	1	4/12/2008 12:26:13 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	110	2.5		mg/L	5	4/15/2008 11:07:48 AM
Magnesium	19	0.50		mg/L	1	4/14/2008 6:34:00 PM
Potassium	1.3	1.0		mg/L	1	4/14/2008 6:34:00 PM
Sodium	380	2.5		mg/L	5	4/15/2008 11:07:48 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **TAF**
Specific Conductance	2100	0.010		µmhos/cm	1	4/14/2008
SM4500-H+B: PH						Analyst: **TAF**
pH	7.00	0.1		pH units	1	4/16/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *23-Apr-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA1R
Lab Order:	0804133	**Collection Date:**	4/11/2008 11:45:00 AM
Project:	NAPIS Monitoring Wells	**Date Received:**	4/11/2008
Lab ID:	0804133-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/19/2008 2:29:38 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/19/2008 2:29:38 AM
Surr: DNOP	104	58-140		%REC	1	4/19/2008 2:29:38 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	4/16/2008 1:35:54 PM
Surr: BFB	109	79.2-121		%REC	1	4/16/2008 1:35:54 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	4/16/2008 1:35:54 PM
Benzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Toluene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Ethylbenzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Xylenes, Total	ND	2.0		µg/L	1	4/16/2008 1:35:54 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Surr: 4-Bromofluorobenzene	92.5	68.9-122		%REC	1	4/16/2008 1:35:54 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.79	0.10		mg/L	1	4/12/2008 1:01:02 AM
Chloride	170	1.0		mg/L	10	4/12/2008 1:18:27 AM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/12/2008 1:01:02 AM
Nitrogen, Nitrate (As N)	0.55	0.10		mg/L	1	4/12/2008 1:01:02 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/12/2008 1:01:02 AM
Sulfate	80	5.0		mg/L	10	4/12/2008 1:18:27 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	72	0.50		mg/L	1	4/14/2008 6:38:11 PM
Magnesium	13	0.50		mg/L	1	4/14/2008 6:38:11 PM
Potassium	1.5	1.0		mg/L	1	4/14/2008 6:38:11 PM
Sodium	370	2.5		mg/L	5	4/15/2008 11:10:32 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **TAF**
Specific Conductance	2000	0.010		µmhos/cm	1	4/14/2008
SM4500-H+B: PH						Analyst: **TAF**
pH	7.26	0.1		pH units	1	4/16/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS Monitoring Wells **Work Order:** 0804133

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R28076**		Analysis Date:	4/11/2008 9:21:04 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R28076**		Analysis Date:	4/11/2008 9:38:28 AM	
Fluoride	0.4523	mg/L	0.10	90.6	90	110			
Chloride	4.822	mg/L	0.10	96.4	90	110			
Nitrogen, Nitrite (As N)	0.9383	mg/L	0.10	93.8	90	110			
Nitrogen, Nitrate (As N)	2.473	mg/L	0.10	98.9	90	110			
Phosphorus, Orthophosphate (As P)	4.881	mg/L	0.50	97.6	90	110			
Sulfate	9.789	mg/L	0.50	97.9	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-15671		*MBLK*			Batch ID: **15671**		Analysis Date:	4/17/2008 10:07:09 AM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-15671		*LCS*			Batch ID: **15671**		Analysis Date:	4/17/2008 10:41:35 AM	
Diesel Range Organics (DRO)	6.379	mg/L	1.0	128	74	157			
Sample ID: LCSD-15671		*LCSD*			Batch ID: **15671**		Analysis Date:	4/17/2008 11:11:51 AM	
Diesel Range Organics (DRO)	6.888	mg/L	1.0	138	74	157	7.67	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R28104**		Analysis Date:	4/15/2008 9:04:21 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: **R28104**		Analysis Date:	4/16/2008 12:10:23 AM	
Gasoline Range Organics (GRO)	0.4920	mg/L	0.050	98.4	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS Monitoring Wells **Work Order:** 0804133

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R28104**		Analysis Date:	4/15/2008 9:04:21 AM	
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R28104**		Analysis Date:	4/16/2008 6:19:24 AM	
Methyl tert-butyl ether (MTBE)	21.37	µg/L	2.5	107	51.2	138			
Benzene	19.83	µg/L	1.0	99.2	85.9	113			
Toluene	20.35	µg/L	1.0	102	86.4	113			
Ethylbenzene	20.24	µg/L	1.0	101	83.5	118			
Xylenes, Total	61.45	µg/L	2.0	102	83.4	122			
1,2,4-Trimethylbenzene	20.89	µg/L	1.0	104	83.5	115			
1,3,5-Trimethylbenzene	21.02	µg/L	1.0	105	85.2	113			
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID: **R28104**		Analysis Date:	4/16/2008 6:49:33 AM	
Methyl tert-butyl ether (MTBE)	21.81	µg/L	2.5	109	51.2	138	2.03	28	
Benzene	19.92	µg/L	1.0	99.6	85.9	113	0.433	27	
Toluene	20.24	µg/L	1.0	101	86.4	113	0.512	19	
Ethylbenzene	20.14	µg/L	1.0	101	83.5	118	0.466	10	
Xylenes, Total	60.97	µg/L	2.0	102	83.4	122	0.787	13	
1,2,4-Trimethylbenzene	20.88	µg/L	1.0	104	83.5	115	0.0192	21	
1,3,5-Trimethylbenzene	21.02	µg/L	1.0	105	85.2	113	0	10	
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-15636		*MBLK*			Batch ID: **15636**		Analysis Date:	4/14/2008 4:40:19 PM	
Calcium	ND	mg/L	0.50						
Magnesium	ND	mg/L	0.50						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	0.50						
Sample ID: LCS-15636		*LCS*			Batch ID: **15636**		Analysis Date:	4/14/2008 4:43:23 PM	
Calcium	49.97	mg/L	0.50	99.9	80	120			
Magnesium	50.35	mg/L	0.50	101	80	120			
Potassium	53.20	mg/L	1.0	106	80	120			
Sodium	53.46	mg/L	0.50	107	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 4/11/2008

Work Order Number 0804133 Received by: AT

Checklist completed by: _____ 4/11/08 Sample ID labels checked by: _____

Signature | Date | Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	5°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refinery Gallup Refinery
Address: Pt 3 BOX 7 Gallup NM 87301
Phone #: 505 8722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: NAPIS Monitoring Wells.
Project #:
Project Manager: jim.lieb@wnr.com Jim Lieb cheryl.johnson@wnr
Sampler: Chery Johnson
On Ice: ☒ Yes ☐ No
Sample Temperature: On Ice 5°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0804133	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem				Air Bubbles (Y or N)
4-11-08	1130	KA2R		~~HCl~~	-1	X		X									XX				
4-11-08	1145	KAIR			-2	X		X													

Analysis Request

Date: 4.11.08 Time: 1235 Relinquished by: Received by:
Date: 4/11/08 Time: 14:30 Relinquished by: Received by: 4/11/08 1452

Remarks: Gen Chem - ec, pH, cations, Anions

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

KA 1R, 2R

COVER LETTER

Wednesday, April 23, 2008

Jim Lieb
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: NAPIS Monitoring Wells

Order No.: 0804133

Dear Jim Lieb:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 4/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ▪ Suite D ▪ Albuquerque, NM 87109
505.345.3975 ▪ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc. **Date:** *23-Apr-08*

CLIENT: Western Refining Southwest, Gallup
Project: NAPIS Monitoring Wells
Lab Order: 0804133

CASE NARRATIVE

Analytical Comments for METHOD 8015GRO_W, SAMPLE 0804133-01A: Elevated surrogate due to matrix interference.

Hall Environmental Analysis Laboratory, Inc.

Date: *23-Apr-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA2R
Lab Order:	0804133	**Collection Date:**	4/11/2008 11:30:00 AM
Project:	NAPIS Monitoring Wells	**Date Received:**	4/11/2008
Lab ID:	0804133-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	1.5	1.0		mg/L	1	4/19/2008 1:56:07 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/19/2008 1:56:07 AM
Surr: DNOP	105	58-140		%REC	1	4/19/2008 1:56:07 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2.2	0.050		mg/L	1	4/16/2008 12:33:16 PM
Surr: BFB	142	79.2-121	S	%REC	1	4/16/2008 12:33:16 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	320	50		µg/L	20	4/16/2008 1:13:06 AM
Benzene	91	1.0		µg/L	1	4/16/2008 12:33:16 PM
Toluene	19	1.0		µg/L	1	4/16/2008 12:33:16 PM
Ethylbenzene	51	1.0		µg/L	1	4/16/2008 12:33:16 PM
Xylenes, Total	120	2.0		µg/L	1	4/16/2008 12:33:16 PM
1,2,4-Trimethylbenzene	98	1.0		µg/L	1	4/16/2008 12:33:16 PM
1,3,5-Trimethylbenzene	27	1.0		µg/L	1	4/16/2008 12:33:16 PM
Surr: 4-Bromofluorobenzene	93.2	68.9-122		%REC	1	4/16/2008 12:33:16 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.92	0.10		mg/L	1	4/12/2008 12:26:13 AM
Chloride	360	1.0		mg/L	10	4/12/2008 12:43:38 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	4/12/2008 12:43:38 AM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	4/12/2008 12:26:13 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/12/2008 12:26:13 AM
Sulfate	42	0.50		mg/L	1	4/12/2008 12:26:13 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	110	2.5		mg/L	5	4/15/2008 11:07:48 AM
Magnesium	19	0.50		mg/L	1	4/14/2008 6:34:00 PM
Potassium	1.3	1.0		mg/L	1	4/14/2008 6:34:00 PM
Sodium	380	2.5		mg/L	5	4/15/2008 11:07:48 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **TAF**
Specific Conductance	2100	0.010		µmhos/cm	1	4/14/2008
SM4500-H+B: PH						Analyst: **TAF**
pH	7.00	0.1		pH units	1	4/16/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *23-Apr-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA1R
Lab Order:	0804133	**Collection Date:**	4/11/2008 11:45:00 AM
Project:	NAPIS Monitoring Wells	**Date Received:**	4/11/2008
Lab ID:	0804133-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	4/19/2008 2:29:38 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	4/19/2008 2:29:38 AM
Surr: DNOP	104	58-140		%REC	1	4/19/2008 2:29:38 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	4/16/2008 1:35:54 PM
Surr: BFB	109	79.2-121		%REC	1	4/16/2008 1:35:54 PM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	4/16/2008 1:35:54 PM
Benzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Toluene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Ethylbenzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Xylenes, Total	ND	2.0		µg/L	1	4/16/2008 1:35:54 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	4/16/2008 1:35:54 PM
Surr: 4-Bromofluorobenzene	92.5	68.9-122		%REC	1	4/16/2008 1:35:54 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.79	0.10		mg/L	1	4/12/2008 1:01:02 AM
Chloride	170	1.0		mg/L	10	4/12/2008 1:18:27 AM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	4/12/2008 1:01:02 AM
Nitrogen, Nitrate (As N)	0.55	0.10		mg/L	1	4/12/2008 1:01:02 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	4/12/2008 1:01:02 AM
Sulfate	80	5.0		mg/L	10	4/12/2008 1:18:27 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	72	0.50		mg/L	1	4/14/2008 6:38:11 PM
Magnesium	13	0.50		mg/L	1	4/14/2008 6:38:11 PM
Potassium	1.5	1.0		mg/L	1	4/14/2008 6:38:11 PM
Sodium	370	2.5		mg/L	5	4/15/2008 11:10:32 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **TAF**
Specific Conductance	2000	0.010		µmhos/cm	1	4/14/2008
SM4500-H+B: PH						Analyst: **TAF**
pH	7.26	0.1		pH units	1	4/16/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank	
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level	
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit	
	S	Spike recovery outside accepted recovery limits			

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS Monitoring Wells **Work Order:** 0804133

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R28076**	Analysis Date:	4/11/2008 9:21:04 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R28076**	Analysis Date:	4/11/2008 9:38:28 AM	
Fluoride	0.4528	mg/L	0.10	90.6	90	110			
Chloride	4.822	mg/L	0.10	96.4	90	110			
Nitrogen, Nitrite (As N)	0.9383	mg/L	0.10	93.8	90	110			
Nitrogen, Nitrate (As N)	2.473	mg/L	0.10	98.9	90	110			
Phosphorus, Orthophosphate (As P)	4.881	mg/L	0.50	97.6	90	110			
Sulfate	9.789	mg/L	0.50	97.9	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-15671		*MBLK*			Batch ID:	**15671**	Analysis Date:	4/17/2008 10:07:09 AM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-15671		*LCS*			Batch ID:	**15671**	Analysis Date:	4/17/2008 10:41:35 AM	
Diesel Range Organics (DRO)	6.379	mg/L	1.0	128	74	157			
Sample ID: LCSD-15671		*LCSD*			Batch ID:	**15671**	Analysis Date:	4/17/2008 11:11:51 AM	
Diesel Range Organics (DRO)	6.888	mg/L	1.0	138	74	157	7.67	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R28104**	Analysis Date:	4/15/2008 9:04:21 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID:	**R28104**	Analysis Date:	4/16/2008 12:10:23 AM	
Gasoline Range Organics (GRO)	0.4920	mg/L	0.050	98.4	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS Monitoring Wells **Work Order:** 0804133

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R28104**		Analysis Date:	4/15/2008 9:04:21 AM	
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R28104**		Analysis Date:	4/16/2008 6:19:24 AM	
Methyl tert-butyl ether (MTBE)	21.37	µg/L	2.5	107	51.2	138			
Benzene	19.83	µg/L	1.0	99.2	85.9	113			
Toluene	20.35	µg/L	1.0	102	86.4	113			
Ethylbenzene	20.24	µg/L	1.0	101	83.5	118			
Xylenes, Total	61.45	µg/L	2.0	102	83.4	122			
1,2,4-Trimethylbenzene	20.89	µg/L	1.0	104	83.5	115			
1,3,5-Trimethylbenzene	21.02	µg/L	1.0	105	85.2	113			
Sample ID: 100NG BTEX LCSD		*LCSD*			Batch ID: **R28104**		Analysis Date:	4/16/2008 6:49:33 AM	
Methyl tert-butyl ether (MTBE)	21.81	µg/L	2.5	109	51.2	138	2.03	28	
Benzene	19.92	µg/L	1.0	99.6	85.9	113	0.433	27	
Toluene	20.24	µg/L	1.0	101	86.4	113	0.512	19	
Ethylbenzene	20.14	µg/L	1.0	101	83.5	118	0.466	10	
Xylenes, Total	60.97	µg/L	2.0	102	83.4	122	0.787	13	
1,2,4-Trimethylbenzene	20.88	µg/L	1.0	104	83.5	115	0.0192	21	
1,3,5-Trimethylbenzene	21.02	µg/L	1.0	105	85.2	113	0	10	
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-15636		*MBLK*			Batch ID: **15636**		Analysis Date:	4/14/2008 4:40:19 PM	
Calcium	ND	mg/L	0.50						
Magnesium	ND	mg/L	0.50						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	0.50						
Sample ID: LCS-15636		*LCS*			Batch ID: **15636**		Analysis Date:	4/14/2008 4:43:23 PM	
Calcium	49.97	mg/L	0.50	99.9	80	120			
Magnesium	50.35	mg/L	0.50	101	80	120			
Potassium	53.20	mg/L	1.0	106	80	120			
Sodium	53.46	mg/L	0.50	107	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 4/11/2008

Work Order Number 0804133 Received by: AT

Checklist completed by: _____ 4/11/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 5° *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refinery
Gallup Refinery
Address: Rt 3 Box 7
Gallup NM 87301
Phone #: 505 8722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: NAPIS Monitoring Wells.
Project #:
Project Manager: jim.lieb@wnr.com
Jim Lieb cheryl.johnson@wnr.com
Sampler: Cheryl Johnson
On Ice: ☒ Yes ☐ No
Sample Temperature: 0.1 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0804133	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem				Air Bubbles (Y or N)
4-11-08	1130	KA2R		~~HCl~~	-1	X		X									X				
4-11-08	1145	KA1R			-2	X		X									X				

Date:	Time:	Relinquished by:	Received by:
4-11-08	1235		
4/11/08	14:50		4/11/08 1450

Remarks: Gen Chem - ec, pH, cations, Anions

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, May 09, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Upper Seep Tank 101-102

Order No.: 0804304

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 4/24/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc. **Date:** *09-May-08*

CLIENT: Western Refining Southwest, Gallup
Project: Upper Seep Tank 101-102
Lab Order: 0804304

CASE NARRATIVE

Analytical Comments for METHOD 8015GRO_S, SAMPLE 0804304-01A: Elevated surrogate due to matrix interference.

Hall Environmental Analysis Laboratory, Inc.

Date: *09-May-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Upper Seep Sludge
Lab Order:	0804304	**Collection Date:**	4/23/2008 9:00:00 AM
Project:	Upper Seep Tank 101-102	**Date Received:**	4/24/2008
Lab ID:	0804304-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE ORGANICS						Analyst: **SCC**
Diesel Range Organics (DRO)	100	10		mg/Kg	1	4/29/2008 4:34:38 PM
Motor Oil Range Organics (MRO)	ND	50		mg/Kg	1	4/29/2008 4:34:38 PM
Surr: DNOP	99.9	61.7-135		%REC	1	4/29/2008 4:34:38 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	27	5.0		mg/Kg	1	4/29/2008 2:44:12 AM
Surr: BFB	140	84-138	S	%REC	1	4/29/2008 2:44:12 AM
EPA METHOD 7471: MERCURY						Analyst: **SNV**
Mercury	0.10	0.033		mg/Kg	1	5/2/2008 1:35:51 PM
EPA METHOD 6010B: SOIL METALS						Analyst: **TES**
Arsenic	ND	2.5		mg/Kg	1	5/1/2008 12:51:05 PM
Barium	82	0.50		mg/Kg	5	5/1/2008 1:15:25 PM
Cadmium	ND	0.10		mg/Kg	1	5/1/2008 12:51:05 PM
Chromium	6.2	0.30		mg/Kg	1	5/1/2008 12:51:05 PM
Lead	1.0	0.25		mg/Kg	1	5/1/2008 12:51:05 PM
Selenium	ND	2.5		mg/Kg	1	5/1/2008 12:51:05 PM
Silver	ND	0.25		mg/Kg	1	5/1/2008 12:51:05 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Toluene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Ethylbenzene	1.4	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Methyl tert-butyl ether (MTBE)	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2,4-Trimethylbenzene	0.34	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,3,5-Trimethylbenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2-Dichloroethane (EDC)	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2-Dibromoethane (EDB)	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Naphthalene	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
1-Methylnaphthalene	2.2	0.20		mg/Kg	1	5/5/2008 8:01:19 PM
2-Methylnaphthalene	ND	0.20		mg/Kg	1	5/5/2008 8:01:19 PM
Acetone	ND	0.75		mg/Kg	1	5/5/2008 8:01:19 PM
Bromobenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Bromodichloromethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Bromoform	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Bromomethane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
2-Butanone	ND	0.50		mg/Kg	1	5/5/2008 8:01:19 PM
Carbon disulfide	ND	0.50		mg/Kg	1	5/5/2008 8:01:19 PM
Carbon tetrachloride	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
Chlorobenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Chloroethane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *09-May-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Upper Seep Sludge
Lab Order:	0804304	**Collection Date:**	4/23/2008 9:00:00 AM
Project:	Upper Seep Tank 101-102	**Date Received:**	4/24/2008
Lab ID:	0804304-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Chloroform	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Chloromethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
2-Chlorotoluene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
4-Chlorotoluene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
cis-1,2-DCE	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
cis-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2-Dibromo-3-chloropropane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
Dibromochloromethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Dibromomethane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
1,2-Dichlorobenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,3-Dichlorobenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,4-Dichlorobenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Dichlorodifluoromethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,1-Dichloroethane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
1,1-Dichloroethene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2-Dichloropropane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,3-Dichloropropane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
2,2-Dichloropropane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
1,1-Dichloropropene	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
Hexachlorobutadiene	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
2-Hexanone	ND	0.50		mg/Kg	1	5/5/2008 8:01:19 PM
Isopropylbenzene	0.19	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
4-Isopropyltoluene	0.077	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
4-Methyl-2-pentanone	ND	0.50		mg/Kg	1	5/5/2008 8:01:19 PM
Methylene chloride	ND	0.15		mg/Kg	1	5/5/2008 8:01:19 PM
n-Butylbenzene	0.29	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
n-Propylbenzene	0.69	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
sec-Butylbenzene	0.36	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Styrene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
tert-Butylbenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,1,1,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,1,2,2-Tetrachloroethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Tetrachloroethene (PCE)	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
trans-1,2-DCE	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
trans-1,3-Dichloropropene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2,3-Trichlorobenzene	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
1,2,4-Trichlorobenzene	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,1,1-Trichloroethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,1,2-Trichloroethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Trichloroethene (TCE)	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Trichlorofluoromethane	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
1,2,3-Trichloropropane	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *09-May-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Upper Seep Sludge
Lab Order:	0804304	**Collection Date:**	4/23/2008 9:00:00 AM
Project:	Upper Seep Tank 101-102	**Date Received:**	4/24/2008
Lab ID:	0804304-01	**Matrix:**	SOIL

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Vinyl chloride	ND	0.050		mg/Kg	1	5/5/2008 8:01:19 PM
Xylenes, Total	ND	0.10		mg/Kg	1	5/5/2008 8:01:19 PM
Surr: 1,2-Dichloroethane-d4	92.4	68.7-122		%REC	1	5/5/2008 8:01:19 PM
Surr: 4-Bromofluorobenzene	105	79.3-126		%REC	1	5/5/2008 8:01:19 PM
Surr: Dibromofluoromethane	99.0	64.4-119		%REC	1	5/5/2008 8:01:19 PM
Surr: Toluene-d8	95.1	86.5-121		%REC	1	5/5/2008 8:01:19 PM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Upper Seep Tank 101-102 **Work Order:** 0804304

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range Organics									
Sample ID: MB-15754		*MBLK*			Batch ID: **15754**		Analysis Date:	4/27/2008 11:38:51 AM	
Diesel Range Organics (DRO)	ND	mg/Kg	10						
Motor Oil Range Organics (MRO)	ND	mg/Kg	50						
Sample ID: LCS-15754		*LCS*			Batch ID: **15754**		Analysis Date:	4/27/2008 12:12:22 PM	
Diesel Range Organics (DRO)	43.77	mg/Kg	10	87.5	64.6	116			
Sample ID: LCSD-15754		*LCSD*			Batch ID: **15754**		Analysis Date:	4/27/2008 12:45:55 PM	
Diesel Range Organics (DRO)	44.53	mg/Kg	10	89.1	64.6	116	1.74	17.4	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: MB-15760		*MBLK*			Batch ID: **15760**		Analysis Date:	4/28/2008 10:41:06 PM	
Gasoline Range Organics (GRO)	ND	mg/Kg	5.0						
Sample ID: LCS-15760		*LCS*			Batch ID: **15760**		Analysis Date:	4/28/2008 10:11:03 PM	
Gasoline Range Organics (GRO)	25.85	mg/Kg	5.0	94.0	69.5	120			
Method: EPA Method 7471: Mercury									
Sample ID: MB-15824		*MBLK*			Batch ID: **15824**		Analysis Date:	5/2/2008 1:29:29 PM	
Mercury	ND	mg/Kg	0.033						
Sample ID: LCS-15824		*LCS*			Batch ID: **15824**		Analysis Date:	5/2/2008 1:31:02 PM	
Mercury	0.1652	mg/Kg	0.033	99.7	80	120			
Method: EPA Method 6010B: Soil Metals									
Sample ID: MB-15797		*MBLK*			Batch ID: **15797**		Analysis Date:	5/1/2008 12:41:04 PM	
Arsenic	ND	mg/Kg	2.5						
Barium	ND	mg/Kg	0.10						
Cadmium	ND	mg/Kg	0.10						
Chromium	ND	mg/Kg	0.30						
Lead	ND	mg/Kg	0.25						
Selenium	ND	mg/Kg	2.5						
Silver	ND	mg/Kg	0.25						
Sample ID: LCS-15797		*LCS*			Batch ID: **15797**		Analysis Date:	5/1/2008 12:43:34 PM	
Arsenic	24.69	mg/Kg	2.5	98.8	80	120			
Barium	24.48	mg/Kg	0.10	97.6	80	120			
Cadmium	25.01	mg/Kg	0.10	100	80	120			
Chromium	25.28	mg/Kg	0.30	101	80	120			
Lead	24.55	mg/Kg	0.25	98.2	80	120			
Selenium	24.06	mg/Kg	2.5	96.3	80	120			
Silver	25.20	mg/Kg	0.25	101	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Upper Seep Tank 101-102 **Work Order:** 0804304

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: mb-15760		*MBLK*			**Batch ID: 15760**		**Analysis Date:**	5/9/2008 12:23:11 AM	
Benzene	ND	mg/Kg	0.050						
Toluene	ND	mg/Kg	0.050						
Ethylbenzene	ND	mg/Kg	0.050						
Methyl tert-butyl ether (MTBE)	ND	mg/Kg	0.050						
1,2,4-Trimethylbenzene	ND	mg/Kg	0.050						
1,3,5-Trimethylbenzene	ND	mg/Kg	0.050						
1,2-Dichloroethane (EDC)	ND	mg/Kg	0.050						
1,2-Dibromoethane (EDB)	ND	mg/Kg	0.050						
Naphthalene	ND	mg/Kg	0.10						
1-Methylnaphthalene	ND	mg/Kg	0.20						
2-Methylnaphthalene	ND	mg/Kg	0.20						
Acetone	ND	mg/Kg	0.75						
Bromobenzene	ND	mg/Kg	0.050						
Bromodichloromethane	ND	mg/Kg	0.050						
Bromoform	ND	mg/Kg	0.050						
Bromomethane	ND	mg/Kg	0.10						
2-Butanone	ND	mg/Kg	0.50						
Carbon disulfide	ND	mg/Kg	0.50						
Carbon tetrachloride	ND	mg/Kg	0.10						
Chlorobenzene	ND	mg/Kg	0.050						
Chloroethane	ND	mg/Kg	0.10						
Chloroform	ND	mg/Kg	0.050						
Chloromethane	ND	mg/Kg	0.050						
2-Chlorotoluene	ND	mg/Kg	0.050						
4-Chlorotoluene	ND	mg/Kg	0.050						
cis-1,2-DCE	ND	mg/Kg	0.050						
cis-1,3-Dichloropropene	ND	mg/Kg	0.050						
1,2-Dibromo-3-chloropropane	ND	mg/Kg	0.10						
Dibromochloromethane	ND	mg/Kg	0.050						
Dibromomethane	ND	mg/Kg	0.10						
1,2-Dichlorobenzene	ND	mg/Kg	0.050						
1,3-Dichlorobenzene	ND	mg/Kg	0.050						
1,4-Dichlorobenzene	ND	mg/Kg	0.050						
Dichlorodifluoromethane	ND	mg/Kg	0.050						
1,1-Dichloroethane	ND	mg/Kg	0.10						
1,1-Dichloroethene	ND	mg/Kg	0.050						
1,2-Dichloropropane	ND	mg/Kg	0.050						
1,3-Dichloropropane	ND	mg/Kg	0.050						
2,2-Dichloropropane	ND	mg/Kg	0.10						
1,1-Dichloropropene	ND	mg/Kg	0.10						
Hexachlorobutadiene	ND	mg/Kg	0.10						
2-Hexanone	ND	mg/Kg	0.50						
Isopropylbenzene	ND	mg/Kg	0.050						
4-Isopropyltoluene	ND	mg/Kg	0.050						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Upper Seep Tank 101-102 **Work Order:** 0804304

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: mb-15760		*MBLK*			Batch ID: **15760**		Analysis Date:		5/9/2008 12:23:11 AM
4-Methyl-2-pentanone	ND	mg/Kg	0.50						
Methylene chloride	ND	mg/Kg	0.15						
n-Butylbenzene	ND	mg/Kg	0.050						
n-Propylbenzene	ND	mg/Kg	0.050						
sec-Butylbenzene	ND	mg/Kg	0.050						
Styrene	ND	mg/Kg	0.050						
tert-Butylbenzene	ND	mg/Kg	0.050						
1,1,1,2-Tetrachloroethane	ND	mg/Kg	0.050						
1,1,2,2-Tetrachloroethane	ND	mg/Kg	0.050						
Tetrachloroethene (PCE)	ND	mg/Kg	0.050						
trans-1,2-DCE	ND	mg/Kg	0.050						
trans-1,3-Dichloropropene	ND	mg/Kg	0.050						
1,2,3-Trichlorobenzene	ND	mg/Kg	0.10						
1,2,4-Trichlorobenzene	ND	mg/Kg	0.050						
1,1,1-Trichloroethane	ND	mg/Kg	0.050						
1,1,2-Trichloroethane	ND	mg/Kg	0.050						
Trichloroethene (TCE)	ND	mg/Kg	0.050						
Trichlorofluoromethane	ND	mg/Kg	0.050						
1,2,3-Trichloropropane	ND	mg/Kg	0.10						
Vinyl chloride	ND	mg/Kg	0.050						
Xylenes, Total	ND	mg/Kg	0.10						
Sample ID: lcs-15760		*LCS*			Batch ID: **15760**		Analysis Date:		5/5/2008 6:51:01 PM
Benzene	1.223	mg/Kg	0.050	122	66.9	142			
Toluene	1.043	mg/Kg	0.050	102	78.4	128			
Chlorobenzene	1.017	mg/Kg	0.050	102	78.2	127			
1,1-Dichloroethene	1.198	mg/Kg	0.050	120	72.6	150			
Trichloroethene (TCE)	0.7769	mg/Kg	0.050	77.7	72.2	120			
Sample ID: lcsd-15760		*LCSD*			Batch ID: **15760**		Analysis Date:		5/5/2008 7:26:03 PM
Benzene	1.235	mg/Kg	0.050	124	66.9	142	1.01	20	
Toluene	1.093	mg/Kg	0.050	107	78.4	128	4.70	20	
Chlorobenzene	0.9943	mg/Kg	0.050	99.4	78.2	127	2.27	20	
1,1-Dichloroethene	1.204	mg/Kg	0.050	120	72.6	150	0.513	20	
Trichloroethene (TCE)	0.7794	mg/Kg	0.050	77.9	72.2	120	0.319	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 4/24/2008

Work Order Number 0804304 | Received by: AMF

Checklist completed by: _____ 4/24/08 | Sample ID labels checked by: AT

Signature | Date | Initials

Matrix: | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	4°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Address: Rt 3 Box 7 Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____
Project Name: Upper Seep Tanks 101-102
Project #:
Project Manager: Ed Riege
Sampler: Steve Morris
On Ice: ☒ Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0804304	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	RCRA Metals Total				Air Bubbles (Y or N)
4/23/08	0900	Upper Seep Sludge			-1			X							X		X				

Date:	Time:	Relinquished by:	Received by:	
4/24/08	1200	Steve Morris		4/24/08 2:10
Date:	Time:	Relinquished by:	Received by:	

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, June 10, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2. EP-1

Order No.: 0805386

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 5/29/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Jun-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 INLET
Lab Order:	0805386	**Collection Date:**	5/29/2008 7:40:00 AM
Project:	AL-1, AL-2. EP-1	**Date Received:**	5/29/2008
Lab ID:	0805386-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	6/5/2008
2-Chlorophenol	ND	100		µg/L	1	6/5/2008
2,4-Dichlorophenol	ND	100		µg/L	1	6/5/2008
2,4-Dimethylphenol	570	100		µg/L	1	6/5/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	6/5/2008
2,4-Dinitrophenol	ND	200		µg/L	1	6/5/2008
2-Methylphenol	4100	1000		µg/L	10	6/6/2008
3+4-Methylphenol	7300	1000		µg/L	10	6/6/2008
2-Nitrophenol	ND	100		µg/L	1	6/5/2008
4-Nitrophenol	ND	100		µg/L	1	6/5/2008
Pentachlorophenol	ND	200		µg/L	1	6/5/2008
Phenol	16000	1000		µg/L	10	6/6/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	6/5/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	6/5/2008
Surr: 2,4,6-Tribromophenol	51.1	16.6-150		%REC	1	6/5/2008
Surr: 2-Fluorobiphenyl	42.0	19.6-134		%REC	1	6/5/2008
Surr: 2-Fluorophenol	38.9	9.54-113		%REC	1	6/5/2008
Surr: 4-Terphenyl-d14	51.6	22.7-145		%REC	1	6/5/2008
Surr: Nitrobenzene-d5	63.2	14.6-134		%REC	1	6/5/2008
Surr: Phenol-d5	31.3	10.7-80.3		%REC	1	6/5/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Jun-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 INLET
Lab Order:	0805386	**Collection Date:**	5/29/2008 8:20:00 AM
Project:	AL-1, AL-2. EP-1	**Date Received:**	5/29/2008
Lab ID:	0805386-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	6/5/2008
2-Chlorophenol	ND	100		µg/L	1	6/5/2008
2,4-Dichlorophenol	ND	100		µg/L	1	6/5/2008
2,4-Dimethylphenol	170	100		µg/L	1	6/5/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	6/5/2008
2,4-Dinitrophenol	ND	200		µg/L	1	6/5/2008
2-Methylphenol	2700	500		µg/L	5	6/6/2008
3+4-Methylphenol	3000	500		µg/L	5	6/6/2008
2-Nitrophenol	ND	100		µg/L	1	6/5/2008
4-Nitrophenol	ND	100		µg/L	1	6/5/2008
Pentachlorophenol	ND	200		µg/L	1	6/5/2008
Phenol	8700	500		µg/L	5	6/6/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	6/5/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	6/5/2008
Surr: 2,4,6-Tribromophenol	74.2	16.6-150		%REC	1	6/5/2008
Surr: 2-Fluorobiphenyl	51.9	19.6-134		%REC	1	6/5/2008
Surr: 2-Fluorophenol	48.2	9.54-113		%REC	1	6/5/2008
Surr: 4-Terphenyl-d14	58.0	22.7-145		%REC	1	6/5/2008
Surr: Nitrobenzene-d5	71.9	14.6-134		%REC	1	6/5/2008
Surr: Phenol-d5	35.2	10.7-80.3		%REC	1	6/5/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Jun-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 INLET
Lab Order:	0805386	**Collection Date:**	5/29/2008 8:42:00 AM
Project:	AL-1, AL-2. EP-1	**Date Received:**	5/29/2008
Lab ID:	0805386-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	6/5/2008
2-Chlorophenol	ND	100		µg/L	1	6/5/2008
2,4-Dichlorophenol	ND	100		µg/L	1	6/5/2008
2,4-Dimethylphenol	ND	100		µg/L	1	6/5/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	6/5/2008
2,4-Dinitrophenol	ND	200		µg/L	1	6/5/2008
2-Methylphenol	1000	100		µg/L	1	6/5/2008
3+4-Methylphenol	1500	100		µg/L	1	6/5/2008
2-Nitrophenol	ND	100		µg/L	1	6/5/2008
4-Nitrophenol	ND	100		µg/L	1	6/5/2008
Pentachlorophenol	ND	200		µg/L	1	6/5/2008
Phenol	3400	1000		µg/L	10	6/6/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	6/5/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	6/5/2008
Surr: 2,4,6-Tribromophenol	58.4	16.6-150		%REC	1	6/5/2008
Surr: 2-Fluorobiphenyl	44.9	19.6-134		%REC	1	6/5/2008
Surr: 2-Fluorophenol	47.0	9.54-113		%REC	1	6/5/2008
Surr: 4-Terphenyl-d14	49.1	22.7-145		%REC	1	6/5/2008
Surr: Nitrobenzene-d5	63.6	14.6-134		%REC	1	6/5/2008
Surr: Phenol-d5	31.6	10.7-80.3		%REC	1	6/5/2008

Qualifiers:			
	*	Value exceeds Maximum Contaminant Level	
	E	Value above quantitation range	
	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	
	S	Spike recovery outside accepted recovery limits	
	B	Analyte detected in the associated Method Blank	
	H	Holding times for preparation or analysis exceeded	
	MCL	Maximum Contaminant Level	
	RL	Reporting Limit	

ASSAIGAI ANALYTICAL LABORATORIES, INC. A WOMAN OWNED SMALL BUSINESS
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
6400 Airport, Bldg. B, Suite J • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result Is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: **ANDY FREEMAN**
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0805386**
Order: **08050747 HAL03** Receipt: **05-29-08**

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0805386-01B AL-1 INLET*** Collected: *05-29-08 7:40:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08050747-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08020	WC.2008.1363.12	C-004	Chemical Oxygen Demand	4210	mg/L	10	10		06-02-08	06-03-08

Sample: ***0805386-01C AL-1 INLET*** Collected: *05-29-08 7:40:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08050747-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08062	WC.2008.1364.8	10-26-4	Biochemical Oxygen Demand	1674	mg/L	1	4		05-30-08	06-04-08

Sample: ***0805386-02B AL-2 INLET*** Collected: *05-29-08 8:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08050747-003A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08020	WC.2008.1363.10	C-004	Chemical Oxygen Demand	2368	mg/L	10	10		06-02-08	06-03-08

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THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0805386**
Order: **08050747 HAL03** Receipt: **05-29-08**

Sample: ***0805386-02C AL-2 INLET*** Collected: *05-29-08 8:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08050747-004A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08062	WC.2008.1384.4	10-26-4	Biochemical Oxygen Demand	717	mg/L	1	4		05-30-08	06-04-08

Sample: ***0805386-03B EP-1 INLET*** Collected: *05-29-08 8:42:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08050747-005A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08020	WC.2008.1383.11	C-004	Chemical Oxygen Demand	2631	mg/L	10	10		06-02-08	06-03-08

Sample: ***0805386-03C EP-1 INLET*** Collected: *05-29-08 8:42:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08050747-006A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08062	WC.2008.1384.14	10-26-4	Biochemical Oxygen Demand	497	mg/L	1	4		05-30-08	06-04-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2. EP-1 **Work Order:** 0805386

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16121		*MBLK*			Batch ID:	**16121**	Analysis Date:		6/5/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	10						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	10						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16121		*LCS*			Batch ID:	**16121**	Analysis Date:		6/5/2008
4-Chloro-3-methylphenol	118.6	µg/L	10	59.3	15.4	119			
2-Chlorophenol	116.1	µg/L	10	58.0	12.2	122			
4-Nitrophenol	71.82	µg/L	10	35.9	12.5	87.4			
Pentachlorophenol	136.3	µg/L	20	68.2	3.55	114			
Phenol	66.20	µg/L	10	33.1	7.53	73.1			
Sample ID: lcsd-16121		*LCSD*			Batch ID:	**16121**	Analysis Date:		6/5/2008
4-Chloro-3-methylphenol	108.2	µg/L	10	54.1	15.4	119	9.17	28.6	
2-Chlorophenol	93.78	µg/L	10	46.9	12.2	122	21.3	107	
4-Nitrophenol	65.24	µg/L	10	32.6	12.5	87.4	9.60	36.3	
Pentachlorophenol	134.5	µg/L	20	67.2	3.55	114	1.34	49	
Phenol	55.42	µg/L	10	27.7	7.53	73.1	17.7	52.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 5/29/2008

Work Order Number 0805386 | Received by: TLS

Sample ID labels checked by: _____ (Initials)

Checklist completed by: Amye Sharmin (Signature) May 29, 08 (Date)

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 12° *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN Refining
Gallup Refinery
Address: RT 3 Box 9

Phone #:
email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: AL-1 AL-2 EP-1
Project #:

Project Manager: GAURAV RAJEN
Sampler: A. Dorsey
On Ice: ☒ Yes ☐ No
Sample Temperature: 10

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0805356	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
5/29/08	7:40	AL-1 INLET	1/1000ml		1												X				
5/29/08	7:40	AL-1 INLET	1/500mL	H_2SO_4	1													X			
5/29/08	7:40	AL-1 INLET	1/Liter		1														X		
5/29/08	8:20	AL-2 INLET	1/1000ml		2												X				
5/29/08	8:20	AL-2 INLET	1/500mL	H_2SO_4	2													X			
5/29/08	8:20	AL-2 INLET	1/Liter		2														X		
5/29/08	8:42	EP-1 INLET	1/1000ml		3												X				
5/29/08	8:42	EP-1 INLET	1/500mL	H_2SO_4	3													X			
5/29/08	8:42	EP-1 INLET	1/Liter		3														X		

Date: 5-29-08 Time: 1150 Relinquished by: [signature]
Received by: [signature] 5/29/08 1150

Date: Time: Relinquished by:
Received by:

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, July 14, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Evaporation Pond Water Samples 2nd Qtr 2008

Order No.: 0806253

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 8 sample(s) on 6/17/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 1
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:15:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	120	5.0		mg/L	50	6/23/2008 6:48:08 PM
Chloride	120	5.0		mg/L	50	6/23/2008 6:48:08 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/18/2008 9:27:58 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	6/18/2008 9:27:58 PM
Phosphorus, Orthophosphate (As P)	15	5.0		mg/L	10	6/18/2008 9:27:58 PM
Sulfate	1100	25		mg/L	50	6/23/2008 6:48:08 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	0.00035	0.00020		mg/L	1	6/25/2008 12:40:22 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	6/27/2008 1:30:22 PM
Barium	0.10	0.010		mg/L	1	6/27/2008 1:30:22 PM
Cadmium	ND	0.0020		mg/L	1	6/27/2008 1:30:22 PM
Calcium	57	5.0		mg/L	10	6/30/2008 3:52:01 PM
Chromium	0.0085	0.0060		mg/L	1	6/27/2008 1:30:22 PM
Copper	0.010	0.0060		mg/L	1	6/27/2008 1:30:22 PM
Iron	4.9	0.50		mg/L	10	6/30/2008 3:52:01 PM
Lead	0.0052	0.0050		mg/L	1	6/27/2008 1:30:22 PM
Magnesium	15	0.50		mg/L	1	6/27/2008 1:30:22 PM
Manganese	0.14	0.0020		mg/L	1	6/27/2008 1:30:22 PM
Potassium	93	10		mg/L	10	6/30/2008 3:52:01 PM
Selenium	ND	0.050		mg/L	1	6/27/2008 1:30:22 PM
Silver	ND	0.0050		mg/L	1	6/27/2008 1:30:22 PM
Sodium	540	5.0		mg/L	10	6/30/2008 2:50:12 PM
Uranium	ND	0.10		mg/L	1	6/27/2008 1:30:22 PM
Zinc	0.88	0.020		mg/L	1	6/27/2008 1:30:22 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Toluene	5.6	1.0		µg/L	1	6/20/2008 5:04:57 AM
Ethylbenzene	1.6	1.0		µg/L	1	6/20/2008 5:04:57 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2,4-Trimethylbenzene	17	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,3,5-Trimethylbenzene	4.4	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Naphthalene	31	2.0		µg/L	1	6/20/2008 5:04:57 AM
1-Methylnaphthalene	72	4.0		µg/L	1	6/20/2008 5:04:57 AM
2-Methylnaphthalene	300	20		µg/L	5	6/20/2008 4:36:11 AM
Acetone	1600	1000		µg/L	100	6/19/2008 3:17:06 PM
Bromobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 1
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:15:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Bromodichloromethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Bromoform	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Bromomethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
2-Butanone	190	10		µg/L	1	6/20/2008 5:04:57 AM
Carbon disulfide	11	10		µg/L	1	6/20/2008 5:04:57 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Chlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Chloroethane	ND	2.0		µg/L	1	6/20/2008 5:04:57 AM
Chloroform	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Chloromethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
2-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
4-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
cis-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/20/2008 5:04:57 AM
Dibromochloromethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Dibromomethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/20/2008 5:04:57 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
2-Hexanone	ND	10		µg/L	1	6/20/2008 5:04:57 AM
Isopropylbenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/20/2008 5:04:57 AM
Methylene Chloride	ND	3.0		µg/L	1	6/20/2008 5:04:57 AM
n-Butylbenzene	5.5	1.0		µg/L	1	6/20/2008 5:04:57 AM
n-Propylbenzene	1.5	1.0		µg/L	1	6/20/2008 5:04:57 AM
sec-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Styrene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
tert-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/20/2008 5:04:57 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
trans-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 1
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:15:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/20/2008 5:04:57 AM
Vinyl chloride	ND	1.0		µg/L	1	6/20/2008 5:04:57 AM
Xylenes, Total	12	1.5		µg/L	1	6/20/2008 5:04:57 AM
Surr: 1,2-Dichloroethane-d4	93.3	68.1-123		%REC	1	6/20/2008 5:04:57 AM
Surr: 4-Bromofluorobenzene	92.2	53.2-145		%REC	1	6/20/2008 5:04:57 AM
Surr: Dibromofluoromethane	99.8	68.5-119		%REC	1	6/20/2008 5:04:57 AM
Surr: Toluene-d8	94.0	64-131		%REC	1	6/20/2008 5:04:57 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	4600	0.010		µmhos/cm	1	6/18/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.57	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 2
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:30:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	63	10		mg/L	100	6/23/2008 7:05:33 PM
Chloride	2900	10		mg/L	100	6/23/2008 7:05:33 PM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	7/8/2008 12:20:39 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/18/2008 9:45:23 PM
Sulfate	1300	50		mg/L	100	6/23/2008 7:05:33 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:42:06 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	6/27/2008 1:34:16 PM
Barium	0.066	0.010		mg/L	1	6/27/2008 1:34:16 PM
Cadmium	ND	0.0020		mg/L	1	6/27/2008 1:34:16 PM
Calcium	290	5.0		mg/L	10	6/30/2008 5:14:05 PM
Chromium	ND	0.0060		mg/L	1	6/27/2008 1:34:16 PM
Copper	ND	0.0060		mg/L	1	6/27/2008 1:34:16 PM
Iron	1.4	0.50		mg/L	10	6/30/2008 5:14:05 PM
Lead	ND	0.0050		mg/L	1	6/27/2008 1:34:16 PM
Magnesium	78	0.50		mg/L	1	6/27/2008 1:34:16 PM
Manganese	0.14	0.0020		mg/L	1	6/27/2008 1:34:16 PM
Potassium	110	10		mg/L	10	6/30/2008 5:14:05 PM
Selenium	ND	0.050		mg/L	1	6/27/2008 1:34:16 PM
Silver	ND	0.0050		mg/L	1	6/27/2008 1:34:16 PM
Sodium	2200	250		mg/L	500	6/30/2008 2:52:26 PM
Uranium	ND	0.10		mg/L	1	6/27/2008 1:34:16 PM
Zinc	0.31	0.020		mg/L	1	6/27/2008 1:34:16 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Toluene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Ethylbenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2,4-Trimethylbenzene	15	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Naphthalene	14	10		µg/L	5	6/23/2008 2:04:16 PM
1-Methylnaphthalene	33	20		µg/L	5	6/26/2008 8:52:46 PM
2-Methylnaphthalene	50	20		µg/L	5	6/26/2008 8:52:46 PM
Acetone	640	50		µg/L	5	6/23/2008 2:04:16 PM
Bromobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Bromodichloromethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 2
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:30:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Bromoform	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Bromomethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
2-Butanone	80	50		µg/L	5	6/23/2008 2:04:16 PM
Carbon disulfide	ND	50		µg/L	5	6/23/2008 2:04:16 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Chlorobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Chloroethane	ND	10		µg/L	5	6/23/2008 2:04:16 PM
Chloroform	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Chloromethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
2-Chlorotoluene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
4-Chlorotoluene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
cis-1,2-DCE	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	6/23/2008 2:04:16 PM
Dibromochloromethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Dibromomethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
2,2-Dichloropropane	ND	10		µg/L	5	6/23/2008 2:04:16 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
2-Hexanone	ND	50		µg/L	5	6/23/2008 2:04:16 PM
Isopropylbenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
4-Isopropyltoluene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	6/23/2008 2:04:16 PM
Methylene Chloride	ND	15		µg/L	5	6/23/2008 2:04:16 PM
n-Butylbenzene	9.0	5.0		µg/L	5	6/23/2008 2:04:16 PM
n-Propylbenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
sec-Butylbenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Styrene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
tert-Butylbenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	6/23/2008 2:04:16 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
trans-1,2-DCE	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 2
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:30:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	6/26/2008 8:52:46 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	6/23/2008 2:04:16 PM
Vinyl chloride	ND	5.0		µg/L	5	6/23/2008 2:04:16 PM
Xylenes, Total	ND	7.5		µg/L	5	6/23/2008 2:04:16 PM
Surr: 1,2-Dichloroethane-d4	85.1	68.1-123		%REC	5	6/23/2008 2:04:16 PM
Surr: 4-Bromofluorobenzene	85.5	53.2-145		%REC	5	6/23/2008 2:04:16 PM
Surr: Dibromofluoromethane	94.2	68.5-119		%REC	5	6/23/2008 2:04:16 PM
Surr: Toluene-d8	105	64-131		%REC	5	6/23/2008 2:04:16 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	11000	0.010		µmhos/cm	1	6/18/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.90	0.1		pH units	1	6/18/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 3
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:45:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	44	2.0		mg/L	20	7/8/2008 2:22:31 PM
Chloride	3700	10		mg/L	100	6/23/2008 7:57:46 PM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	6/24/2008 3:23:13 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/18/2008 10:02:48 PM
Sulfate	1400	50		mg/L	100	6/23/2008 7:57:46 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:43:50 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	6/27/2008 1:38:10 PM
Barium	0.061	0.010		mg/L	1	6/27/2008 1:38:10 PM
Cadmium	ND	0.0020		mg/L	1	6/27/2008 1:38:10 PM
Calcium	320	5.0		mg/L	10	6/30/2008 5:17:04 PM
Chromium	ND	0.0060		mg/L	1	6/27/2008 1:38:10 PM
Copper	ND	0.0060		mg/L	1	6/27/2008 1:38:10 PM
Iron	0.73	0.050		mg/L	1	6/27/2008 1:38:10 PM
Lead	ND	0.0050		mg/L	1	6/27/2008 1:38:10 PM
Magnesium	97	0.50		mg/L	1	6/27/2008 1:38:10 PM
Manganese	0.15	0.0020		mg/L	1	6/27/2008 1:38:10 PM
Potassium	140	10		mg/L	10	6/30/2008 5:17:04 PM
Selenium	ND	0.050		mg/L	1	6/27/2008 1:38:10 PM
Silver	ND	0.0050		mg/L	1	6/27/2008 1:38:10 PM
Sodium	2700	250		mg/L	500	6/30/2008 2:54:39 PM
Uranium	ND	0.10		mg/L	1	6/27/2008 1:38:10 PM
Zinc	0.14	0.020		mg/L	1	6/27/2008 1:38:10 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Toluene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Ethylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2,4-Trimethylbenzene	2.0	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Naphthalene	3.0	2.0		µg/L	1	6/24/2008 9:29:38 AM
1-Methylnaphthalene	15	4.0		µg/L	1	6/26/2008 9:50:10 PM
2-Methylnaphthalene	23	4.0		µg/L	1	6/26/2008 9:50:10 PM
Acetone	160	10		µg/L	1	6/24/2008 9:29:38 AM
Bromobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Bromodichloromethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 3
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:45:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Bromoform	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Bromomethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
2-Butanone	18	10		µg/L	1	6/24/2008 9:29:38 AM
Carbon disulfide	10	10		µg/L	1	6/24/2008 9:29:38 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Chlorobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Chloroethane	ND	2.0		µg/L	1	6/24/2008 9:29:38 AM
Chloroform	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Chloromethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
2-Chlorotoluene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
4-Chlorotoluene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
cis-1,2-DCE	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/24/2008 9:29:38 AM
Dibromochloromethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Dibromomethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/24/2008 9:29:38 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
2-Hexanone	ND	10		µg/L	1	6/24/2008 9:29:38 AM
Isopropylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/24/2008 9:29:38 AM
Methylene Chloride	ND	3.0		µg/L	1	6/24/2008 9:29:38 AM
n-Butylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
n-Propylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
sec-Butylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Styrene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
tert-Butylbenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/24/2008 9:29:38 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
trans-1,2-DCE	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 3
Lab Order:	0806253	**Collection Date:**	6/17/2008 9:45:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/26/2008 9:50:10 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/24/2008 9:29:38 AM
Vinyl chloride	ND	1.0		µg/L	1	6/24/2008 9:29:38 AM
Xylenes, Total	ND	1.5		µg/L	1	6/24/2008 9:29:38 AM
Surr: 1,2-Dichloroethane-d4	94.2	68.1-123		%REC	1	6/24/2008 9:29:38 AM
Surr: 4-Bromofluorobenzene	97.8	53.2-145		%REC	1	6/24/2008 9:29:38 AM
Surr: Dibromofluoromethane	94.5	68.5-119		%REC	1	6/24/2008 9:29:38 AM
Surr: Toluene-d8	105	64-131		%REC	1	6/24/2008 9:29:38 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	13000	0.010		µmhos/cm	1	6/18/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.91	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 4
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:00:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	34	1.0		mg/L	10	6/18/2008 10:20:13 PM
Chloride	4500	20		mg/L	200	7/9/2008 12:14:57 PM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	6/24/2008 3:40:37 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/18/2008 10:20:13 PM
Sulfate	1500	50		mg/L	100	6/23/2008 8:15:10 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:45:34 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.10		mg/L	5	6/27/2008 4:32:35 PM
Barium	0.065	0.050		mg/L	5	6/27/2008 4:32:35 PM
Cadmium	ND	0.010		mg/L	5	6/27/2008 4:32:35 PM
Calcium	340	5.0		mg/L	10	6/30/2008 5:19:57 PM
Chromium	ND	0.030		mg/L	5	6/27/2008 4:32:35 PM
Copper	ND	0.030		mg/L	5	6/27/2008 4:32:35 PM
Iron	0.42	0.25		mg/L	5	6/27/2008 4:32:35 PM
Lead	ND	0.025		mg/L	5	6/27/2008 4:32:35 PM
Magnesium	130	5.0		mg/L	10	6/30/2008 5:19:57 PM
Manganese	0.19	0.010		mg/L	5	6/27/2008 4:32:35 PM
Potassium	160	10		mg/L	10	6/30/2008 5:19:57 PM
Selenium	ND	0.25		mg/L	5	6/27/2008 4:32:35 PM
Silver	ND	0.025		mg/L	5	6/27/2008 4:32:35 PM
Sodium	3000	250		mg/L	500	6/30/2008 2:58:35 PM
Uranium	ND	0.50		mg/L	5	6/27/2008 4:32:35 PM
Zinc	ND	0.10		mg/L	5	6/27/2008 4:32:35 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Toluene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Ethylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Naphthalene	ND	2.0		µg/L	1	6/20/2008 2:51:18 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/20/2008 2:51:18 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/20/2008 2:51:18 PM
Acetone	59	10		µg/L	1	6/20/2008 2:51:18 PM
Bromobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0806253
Project: Evaporation Pond Water Samples 2nd Qtr 2008
Lab ID: 0806253-04

Client Sample ID: Evap Pond 4
Collection Date: 6/17/2008 10:00:00 AM
Date Received: 6/17/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Bromoform	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Bromomethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
2-Butanone	ND	10		µg/L	1	6/20/2008 2:51:18 PM
Carbon disulfide	50	10		µg/L	1	6/20/2008 2:51:18 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Chlorobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Chloroethane	ND	2.0		µg/L	1	6/20/2008 2:51:18 PM
Chloroform	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Chloromethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/20/2008 2:51:18 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Dibromomethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/20/2008 2:51:18 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
2-Hexanone	ND	10		µg/L	1	6/20/2008 2:51:18 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/20/2008 2:51:18 PM
Methylene Chloride	ND	3.0		µg/L	1	6/20/2008 2:51:18 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Styrene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/20/2008 2:51:18 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 4
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:00:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/20/2008 2:51:18 PM
Vinyl chloride	ND	1.0		µg/L	1	6/20/2008 2:51:18 PM
Xylenes, Total	ND	1.5		µg/L	1	6/20/2008 2:51:18 PM
Surr: 1,2-Dichloroethane-d4	94.4	68.1-123		%REC	1	6/20/2008 2:51:18 PM
Surr: 4-Bromofluorobenzene	92.9	53.2-145		%REC	1	6/20/2008 2:51:18 PM
Surr: Dibromofluoromethane	95.5	68.5-119		%REC	1	6/20/2008 2:51:18 PM
Surr: Toluene-d8	93.8	64-131		%REC	1	6/20/2008 2:51:18 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	15000	0.010		µmhos/cm	1	6/18/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.94	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 5
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:15:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	26	1.0		mg/L	10	6/18/2008 10:37:37 PM
Chloride	5400	20		mg/L	200	7/9/2008 12:49:47 PM
Nitrate (As N)+Nitrite (As N)	ND	10		mg/L	50	7/9/2008 1:07:12 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/18/2008 10:37:37 PM
Sulfate	1800	50		mg/L	100	6/23/2008 8:32:34 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:47:20 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.10		mg/L	5	6/27/2008 4:35:27 PM
Barium	0.074	0.050		mg/L	5	6/27/2008 4:35:27 PM
Cadmium	ND	0.010		mg/L	5	6/27/2008 4:35:27 PM
Calcium	390	5.0		mg/L	10	6/30/2008 5:22:53 PM
Chromium	ND	0.030		mg/L	5	6/27/2008 4:35:27 PM
Copper	ND	0.030		mg/L	5	6/27/2008 4:35:27 PM
Iron	ND	0.25		mg/L	5	6/27/2008 4:35:27 PM
Lead	ND	0.025		mg/L	5	6/27/2008 4:35:27 PM
Magnesium	150	5.0		mg/L	10	6/30/2008 5:22:53 PM
Manganese	0.44	0.010		mg/L	5	6/27/2008 4:35:27 PM
Potassium	190	10		mg/L	10	6/30/2008 5:22:53 PM
Selenium	ND	0.25		mg/L	5	6/27/2008 4:35:27 PM
Silver	ND	0.025		mg/L	5	6/27/2008 4:35:27 PM
Sodium	3600	250		mg/L	500	6/30/2008 3:00:56 PM
Uranium	ND	0.50		mg/L	5	6/27/2008 4:35:27 PM
Zinc	ND	0.10		mg/L	5	6/27/2008 4:35:27 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Toluene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Ethylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Naphthalene	ND	2.0		µg/L	1	6/20/2008 4:18:08 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/20/2008 4:18:08 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/20/2008 4:18:08 PM
Acetone	46	10		µg/L	1	6/20/2008 4:18:08 PM
Bromobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 5
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:15:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Bromoform	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Bromomethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
2-Butanone	ND	10		µg/L	1	6/20/2008 4:18:08 PM
Carbon disulfide	33	10		µg/L	1	6/20/2008 4:18:08 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Chlorobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Chloroethane	ND	2.0		µg/L	1	6/20/2008 4:18:08 PM
Chloroform	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Chloromethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/20/2008 4:18:08 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Dibromomethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/20/2008 4:18:08 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
2-Hexanone	ND	10		µg/L	1	6/20/2008 4:18:08 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/20/2008 4:18:08 PM
Methylene Chloride	ND	3.0		µg/L	1	6/20/2008 4:18:08 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Styrene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/20/2008 4:18:08 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 5
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:15:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/20/2008 4:18:08 PM
Vinyl chloride	ND	1.0		µg/L	1	6/20/2008 4:18:08 PM
Xylenes, Total	ND	1.5		µg/L	1	6/20/2008 4:18:08 PM
Surr: 1,2-Dichloroethane-d4	93.7	68.1-123		%REC	1	6/20/2008 4:18:08 PM
Surr: 4-Bromofluorobenzene	97.4	53.2-145		%REC	1	6/20/2008 4:18:08 PM
Surr: Dibromofluoromethane	98.9	68.5-119		%REC	1	6/20/2008 4:18:08 PM
Surr: Toluene-d8	98.3	64-131		%REC	1	6/20/2008 4:18:08 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	17000	0.010		µmhos/cm	1	6/18/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.86	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 6
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:30:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	29	1.0		mg/L	10	6/18/2008 11:29:51 PM
Chloride	6600	20		mg/L	200	7/9/2008 1:59:25 PM
Nitrate (As N)+Nitrite (As N)	ND	10		mg/L	50	7/9/2008 2:16:50 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/18/2008 11:29:51 PM
Sulfate	2600	50		mg/L	100	6/23/2008 8:49:59 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:49:05 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.10		mg/L	5	6/27/2008 4:38:20 PM
Barium	0.093	0.050		mg/L	5	6/27/2008 4:38:20 PM
Cadmium	ND	0.010		mg/L	5	6/27/2008 4:38:20 PM
Calcium	460	5.0		mg/L	10	6/30/2008 5:25:46 PM
Chromium	ND	0.030		mg/L	5	6/27/2008 4:38:20 PM
Copper	ND	0.030		mg/L	5	6/27/2008 4:38:20 PM
Iron	ND	0.25		mg/L	5	6/27/2008 4:38:20 PM
Lead	ND	0.025		mg/L	5	6/27/2008 4:38:20 PM
Magnesium	170	5.0		mg/L	10	6/30/2008 5:25:46 PM
Manganese	1.1	0.010		mg/L	5	6/27/2008 4:38:20 PM
Potassium	190	10		mg/L	10	6/30/2008 5:25:46 PM
Selenium	ND	0.25		mg/L	5	6/27/2008 4:38:20 PM
Silver	ND	0.025		mg/L	5	6/27/2008 4:38:20 PM
Sodium	4600	250		mg/L	500	6/30/2008 3:03:09 PM
Uranium	ND	0.50		mg/L	5	6/27/2008 4:38:20 PM
Zinc	ND	0.10		mg/L	5	6/27/2008 4:38:20 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Toluene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Ethylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Naphthalene	ND	2.0		µg/L	1	6/19/2008 5:47:45 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/19/2008 5:47:45 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/19/2008 5:47:45 PM
Acetone	ND	10		µg/L	1	6/19/2008 5:47:45 PM
Bromobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 6
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:30:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Bromoform	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Bromomethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
2-Butanone	ND	10		µg/L	1	6/19/2008 5:47:45 PM
Carbon disulfide	ND	10		µg/L	1	6/19/2008 5:47:45 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Chlorobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Chloroethane	ND	2.0		µg/L	1	6/19/2008 5:47:45 PM
Chloroform	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Chloromethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/19/2008 5:47:45 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Dibromomethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/19/2008 5:47:45 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
2-Hexanone	ND	10		µg/L	1	6/19/2008 5:47:45 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/19/2008 5:47:45 PM
Methylene Chloride	ND	3.0		µg/L	1	6/19/2008 5:47:45 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Styrene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/19/2008 5:47:45 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 6
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:30:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/19/2008 5:47:45 PM
Vinyl chloride	ND	1.0		µg/L	1	6/19/2008 5:47:45 PM
Xylenes, Total	ND	1.5		µg/L	1	6/19/2008 5:47:45 PM
Surr: 1,2-Dichloroethane-d4	94.9	68.1-123		%REC	1	6/19/2008 5:47:45 PM
Surr: 4-Bromofluorobenzene	98.0	53.2-145		%REC	1	6/19/2008 5:47:45 PM
Surr: Dibromofluoromethane	97.3	68.5-119		%REC	1	6/19/2008 5:47:45 PM
Surr: Toluene-d8	98.6	64-131		%REC	1	6/19/2008 5:47:45 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	25000	0.10		µmhos/cm	10	6/18/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.64	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 7
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:45:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	29	1.0		mg/L	10	6/18/2008 11:47:15 PM
Chloride	64000	500		mg/L	5000	7/9/2008 10:41:39 PM
Nitrate (As N)+Nitrite (As N)	ND	100		mg/L	500	7/10/2008 5:57:27 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/18/2008 11:47:15 PM
Sulfate	15000	250		mg/L	500	6/23/2008 9:07:23 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:50:52 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.40		mg/L	20	6/27/2008 2:41:46 PM
Barium	ND	0.20		mg/L	20	6/27/2008 2:41:46 PM
Cadmium	ND	0.040		mg/L	20	6/27/2008 2:41:46 PM
Calcium	1400	10		mg/L	20	6/27/2008 2:41:46 PM
Chromium	ND	0.12		mg/L	20	6/27/2008 2:41:46 PM
Copper	ND	0.12		mg/L	20	6/27/2008 2:41:46 PM
Iron	ND	0.25		mg/L	5	6/27/2008 2:32:36 PM
Lead	ND	0.10		mg/L	20	6/27/2008 2:41:46 PM
Magnesium	1400	10		mg/L	20	6/27/2008 2:41:46 PM
Manganese	8.1	0.040		mg/L	20	6/27/2008 2:41:46 PM
Potassium	1800	20		mg/L	20	6/30/2008 5:28:41 PM
Selenium	ND	1.0		mg/L	20	6/27/2008 2:41:46 PM
Silver	ND	0.10		mg/L	20	6/27/2008 2:41:46 PM
Sodium	49000	500		mg/L	1000	6/30/2008 3:19:55 PM
Uranium	ND	2.0		mg/L	20	6/27/2008 2:41:46 PM
Zinc	ND	0.40		mg/L	20	6/27/2008 2:41:46 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Toluene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Ethylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2,4-Trimethylbenzene	1.2	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Naphthalene	ND	2.0		µg/L	1	6/19/2008 6:16:38 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/19/2008 6:16:38 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/19/2008 6:16:38 PM
Acetone	49	10		µg/L	1	6/19/2008 6:16:38 PM
Bromobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 7
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:45:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Bromoform	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Bromomethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
2-Butanone	ND	10		µg/L	1	6/19/2008 6:16:38 PM
Carbon disulfide	ND	10		µg/L	1	6/19/2008 6:16:38 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Chlorobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Chloroethane	ND	2.0		µg/L	1	6/19/2008 6:16:38 PM
Chloroform	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Chloromethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/19/2008 6:16:38 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Dibromomethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/19/2008 6:16:38 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
2-Hexanone	ND	10		µg/L	1	6/19/2008 6:16:38 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/19/2008 6:16:38 PM
Methylene Chloride	ND	3.0		µg/L	1	6/19/2008 6:16:38 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Styrene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/19/2008 6:16:38 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 7
Lab Order:	0806253	**Collection Date:**	6/17/2008 10:45:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/19/2008 6:16:38 PM
Vinyl chloride	ND	1.0		µg/L	1	6/19/2008 6:16:38 PM
Xylenes, Total	ND	1.5		µg/L	1	6/19/2008 6:16:38 PM
Surr: 1,2-Dichloroethane-d4	102	68.1-123		%REC	1	6/19/2008 6:16:38 PM
Surr: 4-Bromofluorobenzene	99.7	53.2-145		%REC	1	6/19/2008 6:16:38 PM
Surr: Dibromofluoromethane	94.5	68.5-119		%REC	1	6/19/2008 6:16:38 PM
Surr: Toluene-d8	98.2	64-131		%REC	1	6/19/2008 6:16:38 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	180000	0.10		µmhos/cm	10	6/18/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.34	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 8
Lab Order:	0806253	**Collection Date:**	6/17/2008 11:00:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	94	50		mg/L	500	7/9/2008 3:09:02 PM
Chloride	160000	500		mg/L	5000	7/9/2008 10:59:03 PM
Nitrate (As N)+Nitrite (As N)	ND	200		mg/L	1000	7/10/2008 6:14:52 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	6/19/2008 12:04:40 AM
Sulfate	20000	500		mg/L	1000	6/23/2008 9:24:48 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00080		mg/L	1	6/25/2008 12:52:39 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	1.0		mg/L	50	6/27/2008 3:09:01 PM
Barium	ND	0.50		mg/L	50	6/27/2008 3:09:01 PM
Cadmium	ND	0.10		mg/L	50	6/27/2008 3:09:01 PM
Calcium	1100	25		mg/L	50	6/27/2008 3:09:01 PM
Chromium	ND	0.30		mg/L	50	6/27/2008 3:09:01 PM
Copper	ND	0.30		mg/L	50	6/27/2008 3:09:01 PM
Iron	ND	0.50		mg/L	10	6/27/2008 2:47:51 PM
Lead	ND	0.25		mg/L	50	6/27/2008 3:09:01 PM
Magnesium	8800	50		mg/L	100	6/30/2008 3:55:06 PM
Manganese	82	0.20		mg/L	100	6/30/2008 3:55:06 PM
Potassium	12000	200		mg/L	200	6/30/2008 4:01:06 PM
Selenium	ND	2.5		mg/L	50	6/27/2008 3:09:01 PM
Silver	ND	0.25		mg/L	50	6/27/2008 3:09:01 PM
Sodium	99000	2500		mg/L	5000	6/30/2008 3:22:06 PM
Uranium	ND	5.0		mg/L	50	6/27/2008 3:09:01 PM
Zinc	ND	1.0		mg/L	50	6/27/2008 3:09:01 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Toluene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Ethylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2,4-Trimethylbenzene	1.1	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Naphthalene	ND	2.0		µg/L	1	6/20/2008 5:44:45 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/20/2008 5:44:45 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/20/2008 5:44:45 PM
Acetone	120	10		µg/L	1	6/20/2008 5:44:45 PM
Bromobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 8
Lab Order:	0806253	**Collection Date:**	6/17/2008 11:00:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Bromoform	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Bromomethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
2-Butanone	14	10		µg/L	1	6/20/2008 5:44:45 PM
Carbon disulfide	ND	10		µg/L	1	6/20/2008 5:44:45 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Chlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Chloroethane	ND	2.0		µg/L	1	6/20/2008 5:44:45 PM
Chloroform	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Chloromethane	1.3	1.0		µg/L	1	6/20/2008 5:44:45 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/20/2008 5:44:45 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Dibromomethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/20/2008 5:44:45 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
2-Hexanone	ND	10		µg/L	1	6/20/2008 5:44:45 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/20/2008 5:44:45 PM
Methylene Chloride	ND	3.0		µg/L	1	6/20/2008 5:44:45 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Styrene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/20/2008 5:44:45 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond 8
Lab Order:	0806253	**Collection Date:**	6/17/2008 11:00:00 AM
Project:	Evaporation Pond Water Samples 2nd Qtr 2008	**Date Received:**	6/17/2008
Lab ID:	0806253-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/20/2008 5:44:45 PM
Vinyl chloride	ND	1.0		µg/L	1	6/20/2008 5:44:45 PM
Xylenes, Total	ND	1.5		µg/L	1	6/20/2008 5:44:45 PM
Surr: 1,2-Dichloroethane-d4	102	68.1-123		%REC	1	6/20/2008 5:44:45 PM
Surr: 4-Bromofluorobenzene	149	53.2-145	S	%REC	1	6/20/2008 5:44:45 PM
Surr: Dibromofluoromethane	98.3	68.5-119		%REC	1	6/20/2008 5:44:45 PM
Surr: Toluene-d8	97.7	64-131		%REC	1	6/20/2008 5:44:45 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	420000	1.0		µmhos/cm	100	6/20/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	6.28	0.1		pH units	1	6/18/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

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Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0806253**
Order: **08060440 HAL03** Receipt: **06-17-08**

Tamara Pacheco for
William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0806253-01D EVAP POND 1*** Collected: *06-17-08 9:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-001A		EPA 410.1 Chemical Oxygen Demand						By: MA		
WCOD08024	WC.2008.1558.11	C-004	Chemical Oxygen Demand	1230	mg/L	1	10		06-23-08	06-24-08

Sample: ***0806253-01E EVAP POND 1*** Collected: *06-17-08 9:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.6	10-26-4	Biochemical Oxygen Demand	327	mg/L	1	4		06-18-08	06-23-08

Sample: ***0806253-02D EVAP POND 2*** Collected: *06-17-08 9:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-003A		EPA 410.1 Chemical Oxygen Demand						By: MA		
WCOD08024	WC.2008.1558.12	C-004	Chemical Oxygen Demand	790	mg/L	1	10		06-23-08	06-24-08

Report Date: 7/2/2008 1:08:17 PM

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Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

HALL ENVIRONMENTAL

Project: 0806253

Order: 08060440 HAL03 Receipt: 06-17-08

Sample: *0806253-02E EVAP POND 2* Collected: *06-17-08 9:30:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-004A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.7	10-26-4	Biochemical Oxygen Demand	110	mg/L	1	4		06-18-08	06-23-08

Sample: *0806253-03D EVAP POND 3* Collected: *06-17-08 9:45:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-005A		EPA 410.1 Chemical Oxygen Demand						By: MA		
WCOD08024	WC.2008.1558.13	C-004	Chemical Oxygen Demand	691	mg/L	1	10		06-23-08	06-24-08

Sample: *0806253-03E EVAP POND 3* Collected: *06-17-08 9:45:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-006A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.8	10-26-4	Biochemical Oxygen Demand	96.9	mg/L	1	4		06-18-08	06-23-08

Sample: *0806253-04D EVAP POND 4* Collected: *06-17-08 10:00:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-007A		EPA 410.1 Chemical Oxygen Demand						By: MA		
WCOD08024	WC.2008.1558.14	C-004	Chemical Oxygen Demand	1110	mg/L	1	10		06-23-08	06-24-08

Sample: *0806253-04E EVAP POND 4* Collected: *06-17-08 10:00:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-008A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.4	10-26-4	Biochemical Oxygen Demand	103	mg/L	1	4		06-18-08	06-23-08

Sample: *0806253-05D EVAP POND 5* Collected: *06-17-08 10:15:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-009A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
WCOD-08-025	WC.2008.1642.13	C-004	Chemical Oxygen Demand	578	mg/L	1	10		06-30-08	07-01-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

HALL ENVIRONMENTAL

Project: **0806253**

Order: **08060440** **HAL03** Receipt: **06-17-08**

Sample: ***0806253-05D EVAP POND 5*** Collected: *06-17-08 10:15:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date

Sample: ***0806253-05E EVAP POND 5*** Collected: *06-17-08 10:15:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-010A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.9	10-26-4	Biochemical Oxygen Demand	Less than 128	mg/L	1	4		06-18-08	06-23-08

Sample: ***0806253-06D EVAP POND 6*** Collected: *06-17-08 10:30:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-011A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
[redacted]-025	WC.2008.1642.14	C-004	Chemical Oxygen Demand	723	mg/L	1	10		06-30-08	07-01-08

Sample: ***0806253-06E EVAP POND 6*** Collected: *06-17-08 10:30:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-012A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.10	10-26-4	Biochemical Oxygen Demand	Less than 128	mg/L	1	4		06-18-08	06-23-08

Sample: ***0806253-07D EVAP POND 7*** Collected: *06-17-08 10:45:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-013A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
WCOD-08-025	WC.2008.1642.15	C-004	Chemical Oxygen Demand	4340	mg/L	10	10		06-30-08	07-01-08

Sample: ***0806253-07E EVAP POND 7*** Collected: *06-17-08 10:45:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-014A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
[redacted]069	WC.2008.1542.11	10-26-4	Biochemical Oxygen Demand	17.7	mg/L	1	4		06-18-08	06-23-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

HALL ENVIRONMENTAL

Project: **0806253**

Order: **08060440** **HAL03** Receipt: **06-17-08**

Sample: ***0806253-08D EVAP POND 8*** Collected: *06-17-08 11:00:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-015A		**EPA 410.1 Chemical Oxygen Demand**						By: MRA		
WCOD-08-025	WC.2008.1642.16	C-004	Chemical Oxygen Demand	16100	mg/L	10	10		06-30-08	07-01-08

Sample: ***0806253-08E EVAP POND 8*** Collected: *06-17-08 11:00:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060440-016A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08069	WC.2008.1542.12	10-26-4	Biochemical Oxygen Demand	8.2	mg/L	1	4		06-18-08	06-23-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R28975**	Analysis Date:	6/18/2008 9:34:11 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R29050**	Analysis Date:	6/23/2008 9:31:03 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R29070**	Analysis Date:	6/24/2008 9:35:03 AM	
Fluoride	ND	mg/L	0.10						
[redacted]ride	ND	mg/L	0.10						
[redacted]gen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R29260**	Analysis Date:	7/8/2008 10:01:21 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R29274**	Analysis Date:	7/9/2008 10:30:30 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R29287**	Analysis Date:	7/10/2008 9:32:37 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R28975**	Analysis Date:	6/18/2008 9:51:36 AM	
[redacted]de	0.5113	mg/L	0.10	102	90	110			

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: LCS		*LCS*			Batch ID: **R28975**		Analysis Date:	6/18/2008 9:51:36 AM	
Chloride	5.173	mg/L	0.10	103	90	110			
Nitrogen, Nitrite (As N)	1.017	mg/L	0.10	102	90	110			
Nitrogen, Nitrate (As N)	2.659	mg/L	0.10	106	90	110			
Nitrate (As N)+Nitrite (As N)	3.676	mg/L	0.20	105	90	110			
Phosphorus, Orthophosphate (As P)	5.272	mg/L	0.50	105	90	110			
Sulfate	10.52	mg/L	0.50	105	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29050**		Analysis Date:	6/23/2008 9:48:28 AM	
Fluoride	0.5056	mg/L	0.10	101	90	110			
Chloride	5.056	mg/L	0.10	101	90	110			
Nitrogen, Nitrite (As N)	0.9889	mg/L	0.10	98.9	90	110			
Nitrogen, Nitrate (As N)	2.572	mg/L	0.10	103	90	110			
Nitrate (As N)+Nitrite (As N)	3.561	mg/L	0.20	102	90	110			
Phosphorus, Orthophosphate (As P)	5.053	mg/L	0.50	101	90	110			
Sulfate	10.37	mg/L	0.50	104	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29070**		Analysis Date:	6/24/2008 9:52:27 AM	
Fluoride	0.5196	mg/L	0.10	104	90	110			
Chloride	4.905	mg/L	0.10	98.1	90	110			
[redacted]en, Nitrite (As N)	0.9733	mg/L	0.10	97.3	90	110			
[redacted]en, Nitrate (As N)	2.514	mg/L	0.10	101	90	110			
Nitrate (As N)+Nitrite (As N)	3.488	mg/L	0.20	99.6	90	110			
Phosphorus, Orthophosphate (As P)	5.180	mg/L	0.50	104	90	110			
Sulfate	10.16	mg/L	0.50	102	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29260**		Analysis Date:	7/8/2008 10:18:45 AM	
Fluoride	0.4799	mg/L	0.10	96.0	90	110			
Chloride	4.892	mg/L	0.10	97.8	90	110			
Nitrate (As N)+Nitrite (As N)	3.441	mg/L	0.20	98.3	90	110			
Phosphorus, Orthophosphate (As P)	4.802	mg/L	0.50	96.0	90	110			
Sulfate	9.948	mg/L	0.50	99.5	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29274**		Analysis Date:	7/9/2008 10:47:55 AM	
Fluoride	0.5367	mg/L	0.10	107	90	110			
Chloride	5.070	mg/L	0.10	101	90	110			
Nitrate (As N)+Nitrite (As N)	3.613	mg/L	0.20	103	90	110			
Phosphorus, Orthophosphate (As P)	5.286	mg/L	0.50	106	90	110			
Sulfate	10.40	mg/L	0.50	104	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29287**		Analysis Date:	7/10/2008 9:50:02 AM	
Fluoride	0.5277	mg/L	0.10	106	90	110			
Chloride	5.158	mg/L	0.10	103	90	110			
Nitrate (As N)+Nitrite (As N)	3.550	mg/L	0.20	101	90	110			
Phosphorus, Orthophosphate (As P)	5.063	mg/L	0.50	101	90	110			
Sulfate	10.64	mg/L	0.50	106	90	110			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

ent: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: **EPA Method 7470: Mercury**									
Sample ID: **MB-16322**		*MBLK*			Batch ID:	**16322**	Analysis Date:	6/25/2008 12:36:56 PM	
Mercury	ND	mg/L	0.00020						
Sample ID: **LCS-16322**		*LCS*			Batch ID:	**16322**	Analysis Date:	6/25/2008 12:38:39 PM	
Mercury	0.005016	mg/L	0.00020	100	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/23/2008 2:14:35 PM	
Iron	ND	mg/L	0.050						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/25/2008 3:27:51 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Uranium	ND	mg/L	0.10						
[illegible]	ND	mg/L	0.020						
[illegible]ple ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/26/2008 5:08:50 PM	
Iron	ND	mg/L	0.050						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/27/2008 1:24:05 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Uranium	ND	mg/L	0.10						
Zinc	ND	mg/L	0.020						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/30/2008 2:45:45 PM	
Sodium	ND	mg/L	0.50						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	7/8/2008 3:49:54 PM	
Potassium	ND	mg/L	1.0						
Sample ID: LCS-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/23/2008 2:16:25 PM	
Iron	0.4720	mg/L	0.050	94.4	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:		6/25/2008 3:33:36 PM
Arsenic	0.4874	mg/L	0.020	97.5	80	120			
Barium	0.4479	mg/L	0.010	89.6	80	120			
Cadmium	0.4562	mg/L	0.0020	91.2	80	120			
Calcium	47.91	mg/L	0.50	95.8	80	120			
Chromium	0.4628	mg/L	0.0060	92.6	80	120			
Copper	0.4511	mg/L	0.0060	90.2	80	120			
Iron	0.4364	mg/L	0.050	87.3	80	120			
Lead	0.4563	mg/L	0.0050	91.3	80	120			
Magnesium	47.74	mg/L	0.50	95.5	80	120			
Manganese	0.4460	mg/L	0.0020	89.2	80	120			
Potassium	51.02	mg/L	1.0	102	80	120			
Selenium	0.4540	mg/L	0.050	90.8	80	120			
Silver	0.4547	mg/L	0.0050	90.9	80	120			
Sodium	50.61	mg/L	0.50	101	80	120			
Uranium	0.4752	mg/L	0.10	95.0	80	120			
Zinc	0.4534	mg/L	0.020	90.7	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:		6/26/2008 5:13:58 PM
[illegible]	0.4614	mg/L	0.050	92.3	80	120			
[illegible]ple ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:		6/27/2008 1:27:05 PM
Arsenic	0.4687	mg/L	0.020	93.7	80	120			
Barium	0.4595	mg/L	0.010	91.9	80	120			
Cadmium	0.4656	mg/L	0.0020	93.1	80	120			
Calcium	47.52	mg/L	0.50	95.0	80	120			
Chromium	0.4626	mg/L	0.0060	92.5	80	120			
Copper	0.4819	mg/L	0.0060	96.4	80	120			
Iron	0.4513	mg/L	0.050	90.3	80	120			
Lead	0.4516	mg/L	0.0050	90.3	80	120			
Magnesium	48.47	mg/L	0.50	96.9	80	120			
Manganese	0.4593	mg/L	0.0020	91.9	80	120			
Selenium	0.4611	mg/L	0.050	92.2	80	120			
Silver	0.4727	mg/L	0.0050	94.5	80	120			
Sodium	51.31	mg/L	0.50	103	80	120			
Uranium	0.5153	mg/L	0.10	103	80	120			
Zinc	0.4409	mg/L	0.020	88.2	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:		6/30/2008 2:47:57 PM
Sodium	52.61	mg/L	0.50	105	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:		7/8/2008 3:51:33 PM
Potassium	52.86	mg/L	1.0	106	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R28995**		Analysis Date:	6/19/2008 8:54:12 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
[illegible]on Tetrachloride	ND	µg/L	1.0						
[illegible]lorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R28995**		Analysis Date:	6/19/2008 8:54:12 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
[redacted]-Trichloropropane	ND	µg/L	2.0						
[redacted]yl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29026**		Analysis Date:	6/20/2008 8:32:36 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29026**		Analysis Date:	6/20/2008 8:32:36 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29049**		Analysis Date:	6/23/2008 8:56:08 AM	

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29049**		Analysis Date:	6/23/2008 8:56:08 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
[illegible]on Tetrachloride	ND	µg/L	1.0						
[illegible]lorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29049**		Analysis Date:	6/23/2008 8:56:08 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
[redacted] Trichloropropane	ND	µg/L	2.0						
[redacted]yl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5mL rb		*MBLK*			Batch ID: **R29104**		Analysis Date:	6/26/2008 7:49:20 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
[redacted]loroform	ND	µg/L	1.0						

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5mL rb		*MBLK*			**Batch ID: R29104**		**Analysis Date: 6/26/2008 7:49:20 AM**		
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]hlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			**Batch ID: R28995**		**Analysis Date: 6/19/2008 9:52:08 AM**		

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Pond Water Samples 2nd Qtr 2008 **Work Order:** 0806253

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID: **R28995**		Analysis Date:	6/19/2008 9:52:08 AM	
Benzene	21.08	µg/L	1.0	105	86.8	120			
Toluene	20.29	µg/L	1.0	101	64.1	127			
Chlorobenzene	20.88	µg/L	1.0	104	82.4	113			
1,1-Dichloroethene	24.61	µg/L	1.0	123	86.5	132			
Trichloroethene (TCE)	18.71	µg/L	1.0	93.5	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29026**		Analysis Date:	6/20/2008 9:59:20 AM	
Benzene	20.52	µg/L	1.0	103	86.8	120			
Toluene	20.36	µg/L	1.0	102	64.1	127			
Chlorobenzene	20.39	µg/L	1.0	102	82.4	113			
1,1-Dichloroethene	23.17	µg/L	1.0	116	86.5	132			
Trichloroethene (TCE)	18.34	µg/L	1.0	91.7	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29049**		Analysis Date:	6/23/2008 10:22:30 AM	
Benzene	21.14	µg/L	1.0	106	86.8	120			
Toluene	20.02	µg/L	1.0	100	64.1	127			
Chlorobenzene	20.05	µg/L	1.0	100	82.4	113			
1,1-Dichloroethene	24.19	µg/L	1.0	121	86.5	132			
Trichloroethene (TCE)	20.33	µg/L	1.0	102	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29104**		Analysis Date:	6/26/2008 8:55:06 AM	
Benzene	19.70	µg/L	1.0	98.5	86.8	120			
Toluene	18.02	µg/L	1.0	90.1	64.1	127			
Chlorobenzene	20.30	µg/L	1.0	102	82.4	113			
1,1-Dichloroethene	22.84	µg/L	1.0	114	86.5	132			
Trichloroethene (TCE)	17.90	µg/L	1.0	89.5	77.3	123			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 6/17/2008

Work Order Number 0806253 Received by: AT

Checklist completed by: _____ 6/17/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
[illegible]er - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	15°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

[illegible]ctive Action _____

_____

_____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Address: Route 3 Box 7 Gallup, NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: Evap. Pond Water Sampler - 2nd Qtr. 2008
Project #:
Project Manager: Ed Riege
Sampler:
On Ice: X Yes ☐ No
Sample Temperature: 15

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0806253	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	w/RCC Metals Total	BOD - COD	Gen. Chem.	E. Coli - Bacteria	Air Bubbles (Y or N)
6-17-08	0915	Evap. Pond 1			-1										X		X	X	X	X	
	0930	Evap. Pond 2			-2										X		X	X	X	X	
	0945	Evap. Pond 3			-3										X		X	X	X	X	
	1000	Evap. Pond 4			-4										X		X	X	X	X	
	1015	Evap. Pond 5			-5										X		X	X	X	X	
	1030	Evap. Pond 6			-6										X		X	X	X	X	
	1045	Evap. Pond 7			-7										X		X	X	X	X	
	1100	Evap. Pond 8			-8										X		X	X	X	X	

Date:	Time:	Relinquished by:	Received by:
6-17-08	1505	Steve Morris	6/17/08 1505
Date:	Time:	Relinquished by:	Received by:

Remarks: Gen. Chem. = Cations, anions, pH, and Conductivity

5 cans

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, July 17, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0806405

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 6/26/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0806405	**Collection Date:**	6/26/2008 7:40:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	6/26/2008
Lab ID:	0806405-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/7/2008
2-Chlorophenol	ND	50		µg/L	1	7/7/2008
2,4-Dichlorophenol	ND	50		µg/L	1	7/7/2008
2,4-Dimethylphenol	200	50		µg/L	1	7/7/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	7/7/2008
2,4-Dinitrophenol	ND	100		µg/L	1	7/7/2008
2-Methylphenol	3500	500		µg/L	10	7/8/2008
3+4-Methylphenol	6200	500		µg/L	10	7/8/2008
2-Nitrophenol	ND	50		µg/L	1	7/7/2008
4-Nitrophenol	ND	50		µg/L	1	7/7/2008
Pentachlorophenol	ND	100		µg/L	1	7/7/2008
Phenol	16000	1000		µg/L	20	7/8/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/7/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/7/2008
Surr: 2,4,6-Tribromophenol	43.1	16.6-150		%REC	1	7/7/2008
Surr: 2-Fluorobiphenyl	57.8	19.6-134		%REC	1	7/7/2008
Surr: 2-Fluorophenol	49.1	9.54-113		%REC	1	7/7/2008
Surr: 4-Terphenyl-d14	65.3	22.7-145		%REC	1	7/7/2008
Surr: Nitrobenzene-d5	75.3	14.6-134		%REC	1	7/7/2008
Surr: Phenol-d5	18.7	10.7-80.3		%REC	1	7/7/2008

Qualifiers:			
	*	Value exceeds Maximum Contaminant Level	
	E	Value above quantitation range	
	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	
	S	Spike recovery outside accepted recovery limits	
	B	Analyte detected in the associated Method Blank	
	H	Holding times for preparation or analysis exceeded	
	MCL	Maximum Contaminant Level	
	RL	Reporting Limit	

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 Inlet
Lab Order:	0806405	**Collection Date:**	6/26/2008 7:56:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	6/26/2008
Lab ID:	0806405-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/7/2008
2-Chlorophenol	ND	50		µg/L	1	7/7/2008
2,4-Dichlorophenol	ND	50		µg/L	1	7/7/2008
2,4-Dimethylphenol	130	50		µg/L	1	7/7/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	7/7/2008
2,4-Dinitrophenol	ND	100		µg/L	1	7/7/2008
2-Methylphenol	700	50		µg/L	1	7/7/2008
3+4-Methylphenol	680	50		µg/L	1	7/7/2008
2-Nitrophenol	ND	50		µg/L	1	7/7/2008
4-Nitrophenol	ND	50		µg/L	1	7/7/2008
Pentachlorophenol	ND	100		µg/L	1	7/7/2008
Phenol	1900	250		µg/L	5	7/8/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/7/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/7/2008
Surr: 2,4,6-Tribromophenol	39.7	16.6-150		%REC	1	7/7/2008
Surr: 2-Fluorobiphenyl	43.7	19.6-134		%REC	1	7/7/2008
Surr: 2-Fluorophenol	23.6	9.54-113		%REC	1	7/7/2008
Surr: 4-Terphenyl-d14	44.4	22.7-145		%REC	1	7/7/2008
Surr: Nitrobenzene-d5	48.5	14.6-134		%REC	1	7/7/2008
Surr: Phenol-d5	16.4	10.7-80.3		%REC	1	7/7/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0806405	**Collection Date:**	6/26/2008 7:30:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	6/26/2008
Lab ID:	0806405-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/7/2008
2-Chlorophenol	ND	50		µg/L	1	7/7/2008
2,4-Dichlorophenol	ND	50		µg/L	1	7/7/2008
2,4-Dimethylphenol	220	50		µg/L	1	7/7/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	7/7/2008
2,4-Dinitrophenol	ND	100		µg/L	1	7/7/2008
2-Methylphenol	ND	50		µg/L	1	7/7/2008
3+4-Methylphenol	120	50		µg/L	1	7/7/2008
2-Nitrophenol	ND	50		µg/L	1	7/7/2008
4-Nitrophenol	ND	50		µg/L	1	7/7/2008
Pentachlorophenol	ND	100		µg/L	1	7/7/2008
Phenol	ND	50		µg/L	1	7/7/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/7/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/7/2008
Surr: 2,4,6-Tribromophenol	55.4	16.6-150		%REC	1	7/7/2008
Surr: 2-Fluorobiphenyl	66.6	19.6-134		%REC	1	7/7/2008
Surr: 2-Fluorophenol	54.5	9.54-113		%REC	1	7/7/2008
Surr: 4-Terphenyl-d14	61.0	22.7-145		%REC	1	7/7/2008
Surr: Nitrobenzene-d5	73.1	14.6-134		%REC	1	7/7/2008
Surr: Phenol-d5	37.8	10.7-80.3		%REC	1	7/7/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0806405**
Order: **08060725 HAL03** Receipt: **06-27-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0806405-01B AL-1 INLET*** Collected: *06-26-08 7:40:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060725-001A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
WCOD-08-026	WC.2008.1713.11	C-004	Chemical Oxygen Demand	1180	mg/L	1	10		07-08-08	07-09-08

Sample: ***0806405-01C AL-1 INLET*** Collected: *06-26-08 7:40:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060725-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08074	WC.2008.1652.13	10-26-4	Biochemical Oxygen Demand	741	mg/L	1	4		06-27-08	07-02-08

Sample: ***0806405-02B AL-2 INLET*** Collected: *06-26-08 7:56:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060725-003A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
WCOD-08-026	WC.2008.1713.15	C-004	Chemical Oxygen Demand	4470	mg/L	1	10		07-08-08	07-09-08

Report Date: 7/17/2008 12:21:08 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0806405**
Order: **08060725 HAL03** Receipt: **06-27-08**

Sample: ***0806405-02C AL-2 INLET*** Collected: *06-26-08 7:56:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060725-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08074	WC.2008.1652.14	10-26-4	Biochemical Oxygen Demand	1600	mg/L	1	4		06-27-08	07-02-08

Sample: ***0806405-03B EP-1 INLET*** Collected: *06-26-08 7:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060725-005A		**EPA 410.1 Chemical Oxygen Demand**						By: MRA		
WCOD-08-026	WC.2008.1713.16	C-004	Chemical Oxygen Demand	4000	mg/L	1	10		07-08-08	07-09-08

Sample: ***0806405-03C EP-1 INLET*** Collected: *06-26-08 7:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060725-006A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08074	WC.2008.1652.15	10-26-4	Biochemical Oxygen Demand	1756	mg/L	1	4		06-27-08	07-02-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0806405

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16371		*MBLK*			Batch ID: **16371**		Analysis Date:		7/7/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
4-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	10						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	10						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0806405

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16371		*MBLK*			Batch ID: 16371		Analysis Date:		7/7/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16371		*LCS*			Batch ID: 16371		Analysis Date:		7/7/2008
Acenaphthene	61.84	µg/L	10	61.8	11	123			
4-Chloro-3-methylphenol	116.2	µg/L	10	58.1	15.4	119			
2-Chlorophenol	120.0	µg/L	10	60.0	12.2	122			
1,4-Dichlorobenzene	52.82	µg/L	10	52.8	16.9	100			
2,4-Dinitrotoluene	57.08	µg/L	10	57.1	13	138			
N-Nitrosodi-n-propylamine	58.18	µg/L	10	58.2	9.93	122			
4-Nitrophenol	71.94	µg/L	10	34.0	12.5	87.4			
Pentachlorophenol	135.3	µg/L	20	62.2	3.55	114			
Phenol	62.46	µg/L	10	31.2	7.53	73.1			
Pyrene	57.48	µg/L	10	57.5	12.6	140			
1,2,4-Trichlorobenzene	51.98	µg/L	10	52.0	17.4	98.7			
Sample ID: lcsd-16371		*LCSD*			Batch ID: 16371		Analysis Date:		7/7/2008
Acenaphthene	67.48	µg/L	10	67.5	11	123	8.72	30.5	
4-Chloro-3-methylphenol	123.8	µg/L	10	61.9	15.4	119	6.35	28.6	
2-Chlorophenol	129.9	µg/L	10	65.0	12.2	122	7.94	107	
1,4-Dichlorobenzene	58.52	µg/L	10	58.5	16.9	100	10.2	62.1	
2,4-Dinitrotoluene	64.32	µg/L	10	64.3	13	138	11.9	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0806405

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16371		*LCSD*			Batch ID:	**16371**	Analysis Date:		7/7/2008
N-Nitrosodi-n-propylamine	63.46	µg/L	10	63.5	9.93	122	8.68	30.3	
4-Nitrophenol	72.38	µg/L	10	34.2	12.5	87.4	0.610	36.3	
Pentachlorophenol	116.8	µg/L	20	53.0	3.55	114	14.7	49	
Phenol	71.54	µg/L	10	35.8	7.53	73.1	13.6	52.4	
Pyrene	60.50	µg/L	10	60.5	12.6	140	5.12	16.3	
1,2,4-Trichlorobenzene	57.28	µg/L	10	57.3	17.4	98.7	9.70	36.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 6/26/2008

Work Order Number 0806405 Received by: AT

Checklist completed by: _____ 6/26/08 Sample ID labels checked by: _____
Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	13°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN REFINING
GALLUP REFINERY
Address: RT 3 BOX 9
GALLUP NM 87301
Phone #: 505 722 3227
email or Fax#: 505 722 3883
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush
Project Name: AL-1, AL-2, EP-1
Project #:
Project Manager: GAURAV RAJEN
Sampler: A. DORSEY
On Ice: ☒ Yes ☐ No
Sample Temperature: 15

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 080405	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL	Air Bubbles (Y or N)
06/26/08	0740	AL-1 INLET	1/1000mL		-1												X			
06/26/08	0740	AL-1 INLET	1/500 mL	H_2SO_4	-1													X		
06/26/08	0740	AL-1 INLET	1 Liter		-1														X	
06/26/08	0756	AL-2 INLET	1/1000mL		-2												X			
06/26/08	0756	AL-2 INLET	1/500 mL	H_2SO_4	-2													X		
06/26/08	0756	AL-2 INLET	1 Liter		-2														X	
06/26/08	0730	EP-1 INLET	1/1000mL		-3												X			
06/26/08	0730	EP-1 INLET	1/500 mL	H_2SO_4	-3													X		
06/26/08	0730	EP-1 INLET	1 Liter		-3														X	

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Remarks:
06/26/08	1235		06/26/08 1235	
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, July 29, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: NAPIS

Order No.: 0807149

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 7/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc. **Date:** *29-Jul-08*

CLIENT: Western Refining Southwest, Gallup
Project: NAPIS
Lab Order: 0807149

CASE NARRATIVE

Analytical Comments for METHOD 8015GRO_W, SAMPLE 0807149-02A: Elevated surrogate due to matrix interference. Analytical Comments for METHOD 8021BTEX_W, SAMPLE 0807149-02A: Surrogate elevated due to matrix interference.

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA1R-7-9-08
Lab Order:	0807149	**Collection Date:**	7/9/2008 1:30:00 PM
Project:	NAPIS	**Date Received:**	7/11/2008
Lab ID:	0807149-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	7/15/2008 2:48:29 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	7/15/2008 2:48:29 AM
Surr: DNOP	116	58-140		%REC	1	7/15/2008 2:48:29 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	7/17/2008 1:44:28 AM
Surr: BFB	87.9	79.2-121		%REC	1	7/17/2008 1:44:28 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	7/17/2008 1:44:28 AM
Benzene	ND	1.0		µg/L	1	7/17/2008 1:44:28 AM
Toluene	ND	1.0		µg/L	1	7/17/2008 1:44:28 AM
Ethylbenzene	ND	1.0		µg/L	1	7/17/2008 1:44:28 AM
Xylenes, Total	ND	2.0		µg/L	1	7/17/2008 1:44:28 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/17/2008 1:44:28 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/17/2008 1:44:28 AM
Surr: 4-Bromofluorobenzene	88.7	68.9-122		%REC	1	7/17/2008 1:44:28 AM
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Fluoride	1.4	0.10		mg/L	1	7/19/2008 3:48:51 AM
Chloride	180	1.0		mg/L	10	7/19/2008 4:06:16 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	7/19/2008 4:23:41 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/19/2008 3:48:51 AM
Sulfate	98	5.0		mg/L	10	7/19/2008 4:06:16 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	70	0.50		mg/L	1	7/22/2008 12:36:30 PM
Magnesium	12	0.50		mg/L	1	7/22/2008 12:36:30 PM
Potassium	2.1	1.0		mg/L	1	7/22/2008 12:36:30 PM
Sodium	430	5.0		mg/L	10	7/22/2008 2:33:52 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1900	0.010		µmhos/cm	1	7/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.27	0.1		pH units	1	7/12/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA2R-7-9-08
Lab Order:	0807149	**Collection Date:**	7/9/2008 1:45:00 PM
Project:	NAPIS	**Date Received:**	7/11/2008
Lab ID:	0807149-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	2.4	1.0		mg/L	1	7/15/2008 3:23:55 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	7/15/2008 3:23:55 AM
Surr: DNOP	129	58-140		%REC	1	7/15/2008 3:23:55 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	0.74	0.050		mg/L	1	7/17/2008 2:14:46 AM
Surr: BFB	163	79.2-121	S	%REC	1	7/17/2008 2:14:46 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	200	12		µg/L	5	7/22/2008 12:22:00 AM
Benzene	13	1.0		µg/L	1	7/17/2008 2:14:46 AM
Toluene	ND	1.0		µg/L	1	7/17/2008 2:14:46 AM
Ethylbenzene	11	1.0		µg/L	1	7/17/2008 2:14:46 AM
Xylenes, Total	5.6	2.0		µg/L	1	7/17/2008 2:14:46 AM
1,2,4-Trimethylbenzene	14	1.0		µg/L	1	7/17/2008 2:14:46 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/17/2008 2:14:46 AM
Surr: 4-Bromofluorobenzene	122	68.9-122		%REC	1	7/17/2008 2:14:46 AM
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Fluoride	1.1	0.10		mg/L	1	7/19/2008 4:41:05 AM
Chloride	270	1.0		mg/L	10	7/19/2008 4:58:30 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	7/19/2008 5:15:54 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/19/2008 4:41:05 AM
Sulfate	33	0.50		mg/L	1	7/19/2008 4:41:05 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	70	0.50		mg/L	1	7/22/2008 12:40:26 PM
Magnesium	13	0.50		mg/L	1	7/22/2008 12:40:26 PM
Potassium	ND	1.0		mg/L	1	7/22/2008 12:40:26 PM
Sodium	360	5.0		mg/L	10	7/22/2008 2:36:30 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	2000	0.010		µmhos/cm	1	7/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.18	0.1		pH units	1	7/12/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA3R-7-9-08
Lab Order:	0807149	**Collection Date:**	7/9/2008 2:00:00 PM
Project:	NAPIS	**Date Received:**	7/11/2008
Lab ID:	0807149-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	7/15/2008 3:59:21 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	7/15/2008 3:59:21 AM
Surr: DNOP	113	58-140		%REC	1	7/15/2008 3:59:21 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	7/17/2008 3:16:38 AM
Surr: BFB	95.8	79.2-121		%REC	1	7/17/2008 3:16:38 AM
EPA METHOD 8021B: VOLATILES						Analyst: **NSB**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	7/17/2008 3:16:38 AM
Benzene	ND	1.0		µg/L	1	7/17/2008 3:16:38 AM
Toluene	ND	1.0		µg/L	1	7/17/2008 3:16:38 AM
Ethylbenzene	ND	1.0		µg/L	1	7/17/2008 3:16:38 AM
Xylenes, Total	ND	2.0		µg/L	1	7/17/2008 3:16:38 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	7/17/2008 3:16:38 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	7/17/2008 3:16:38 AM
Surr: 4-Bromofluorobenzene	102	68.9-122		%REC	1	7/17/2008 3:16:38 AM
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Fluoride	0.46	0.10		mg/L	1	7/19/2008 5:33:19 AM
Chloride	1100	5.0		mg/L	50	7/21/2008 11:15:05 PM
Nitrate (As N)+Nitrite (As N)	9.1	1.0		mg/L	5	7/19/2008 6:08:07 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	7/19/2008 5:33:19 AM
Sulfate	270	5.0		mg/L	10	7/19/2008 5:50:43 AM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Calcium	65	0.50		mg/L	1	7/22/2008 12:45:58 PM
Magnesium	7.8	0.50		mg/L	1	7/22/2008 12:45:58 PM
Potassium	4.1	1.0		mg/L	1	7/22/2008 12:45:58 PM
Sodium	910	5.0		mg/L	10	7/22/2008 2:39:08 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	4200	0.010		µmhos/cm	1	7/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.29	0.1		pH units	1	7/12/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS **Work Order:** 0807149

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R29396**		Analysis Date:	7/18/2008 10:24:17 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R29420**		Analysis Date:	7/21/2008 10:11:47 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R29396**		Analysis Date:	7/18/2008 10:41:42 AM	
Fluoride	0.5479	mg/L	0.10	110	90	110			
Chloride	4.888	mg/L	0.10	97.8	90	110			
Nitrate (As N)+Nitrite (As N)	3.459	mg/L	0.20	98.8	90	110			
Phosphorus, Orthophosphate (As P)	5.152	mg/L	0.50	103	90	110			
Sulfate	10.15	mg/L	0.50	101	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29420**		Analysis Date:	7/21/2008 10:29:11 AM	
Fluoride	0.5309	mg/L	0.10	106	90	110			
Chloride	4.923	mg/L	0.10	98.5	90	110			
Nitrate (As N)+Nitrite (As N)	3.535	mg/L	0.20	101	90	110			
Phosphorus, Orthophosphate (As P)	5.119	mg/L	0.50	102	90	110			
Sulfate	10.31	mg/L	0.50	103	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-16473		*MBLK*			Batch ID: **16473**		Analysis Date:	7/14/2008 7:07:59 PM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-16473		*LCS*			Batch ID: **16473**		Analysis Date:	7/14/2008 7:43:41 PM	
Diesel Range Organics (DRO)	4.589	mg/L	1.0	91.8	74	157			
Sample ID: LCSD-16473		*LCSD*			Batch ID: **16473**		Analysis Date:	7/14/2008 8:19:21 PM	
Diesel Range Organics (DRO)	5.714	mg/L	1.0	114	74	157	21.8	23	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS **Work Order:** 0807149

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 0807149-03A MSD		*MSD*			Batch ID: **R29364**		Analysis Date:	7/17/2008 4:16:35 AM	
Gasoline Range Organics (GRO)	0.4500	mg/L	0.050	90.0	80	115	1.02	8.39	
Sample ID: 5ML RB		*MBLK*			Batch ID: **R29364**		Analysis Date:	7/16/2008 8:34:28 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 5ML RB		*MBLK*			Batch ID: **R29388**		Analysis Date:	7/17/2008 8:40:27 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: **R29364**		Analysis Date:	7/17/2008 4:46:35 AM	
Gasoline Range Organics (GRO)	0.4832	mg/L	0.050	96.6	80	115			
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: **R29388**		Analysis Date:	7/17/2008 11:35:31 PM	
Gasoline Range Organics (GRO)	0.4662	mg/L	0.050	93.2	80	115			
Sample ID: 0807149-03A MS		*MS*			Batch ID: **R29364**		Analysis Date:	7/17/2008 3:46:38 AM	
Gasoline Range Organics (GRO)	0.4546	mg/L	0.050	90.9	80	115			

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS **Work Order:** 0807149

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles									
Sample ID: 0807149-03A MSD		*MSD*			Batch ID:	**R29364**	Analysis Date:		7/17/2008 4:16:35 AM
Methyl tert-butyl ether (MTBE)	7.444	µg/L	2.5	88.9	51.2	138	0.429	28	
Benzene	6.054	µg/L	1.0	108	85.9	113	0.265	27	
Toluene	41.71	µg/L	1.0	104	86.4	113	0.507	19	
Ethylbenzene	8.308	µg/L	1.0	104	83.5	118	1.81	10	
Xylenes, Total	49.01	µg/L	2.0	94.3	83.4	122	1.08	13	
1,2,4-Trimethylbenzene	14.54	µg/L	1.0	86.6	83.5	115	2.75	21	
1,3,5-Trimethylbenzene	4.322	µg/L	1.0	92.0	85.2	113	2.24	10	
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R29364**	Analysis Date:		7/16/2008 8:34:28 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R29388**	Analysis Date:		7/17/2008 8:40:27 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: b 32		*MBLK*			Batch ID:	**R29417**	Analysis Date:		7/21/2008 11:49:12 PM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R29364**	Analysis Date:		7/17/2008 5:46:32 AM
Methyl tert-butyl ether (MTBE)	16.45	µg/L	2.5	82.3	51.2	138			
Benzene	19.79	µg/L	1.0	98.9	85.9	113			
Toluene	20.62	µg/L	1.0	103	86.4	113			
Ethylbenzene	20.31	µg/L	1.0	102	83.5	118			
Xylenes, Total	60.92	µg/L	2.0	102	83.4	122			
1,2,4-Trimethylbenzene	18.61	µg/L	1.0	93.1	83.5	115			
1,3,5-Trimethylbenzene	18.34	µg/L	1.0	91.7	85.2	113			
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R29388**	Analysis Date:		7/18/2008 12:05:29 AM
Methyl tert-butyl ether (MTBE)	14.81	µg/L	2.5	74.0	51.2	138			
Benzene	19.36	µg/L	1.0	96.8	85.9	113			
Toluene	20.09	µg/L	1.0	100	86.4	113			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS **Work Order:** 0807149

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles									
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R29388**	Analysis Date:	7/18/2008 12:05:29 AM	
Ethylbenzene	20.02	µg/L	1.0	100	83.5	118			
Xylenes, Total	60.00	µg/L	2.0	100	83.4	122			
1,2,4-Trimethylbenzene	19.27	µg/L	1.0	96.4	83.5	115			
1,3,5-Trimethylbenzene	18.74	µg/L	1.0	93.7	85.2	113			
Sample ID: 100NG BTEX ICV		*LCS*			Batch ID:	**R29417**	Analysis Date:	7/21/2008 10:49:01 PM	
Methyl tert-butyl ether (MTBE)	20.73	µg/L	2.5	104	51.2	138			
Benzene	21.12	µg/L	1.0	104	85.9	113			
Toluene	21.57	µg/L	1.0	108	86.4	113			
Ethylbenzene	21.66	µg/L	1.0	107	83.5	118			
Xylenes, Total	64.86	µg/L	2.0	107	83.4	122			
1,2,4-Trimethylbenzene	21.46	µg/L	1.0	106	83.5	115			
1,3,5-Trimethylbenzene	20.64	µg/L	1.0	103	85.2	113			
Sample ID: 0807149-03A MS		*MS*			Batch ID:	**R29364**	Analysis Date:	7/17/2008 3:46:38 AM	
Methyl tert-butyl ether (MTBE)	7.476	µg/L	2.5	89.3	51.2	138			
Benzene	6.038	µg/L	1.0	108	85.9	113			
Toluene	41.92	µg/L	1.0	105	86.4	113			
Ethylbenzene	8.460	µg/L	1.0	106	83.5	118			
Xylenes, Total [a]	49.54	µg/L	2.0	95.3	83.4	122			
[illegible] Trimethylbenzene	14.95	µg/L	1.0	89.0	83.5	115			
[illegible]5-Trimethylbenzene	4.420	µg/L	1.0	94.0	85.2	113			
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16519		*MBLK*			Batch ID:	**16519**	Analysis Date:	7/22/2008 2:20:49 PM	
Calcium	ND	mg/L	0.50						
Magnesium	ND	mg/L	0.50						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	0.50						
Sample ID: LCS-16519		*LCS*			Batch ID:	**16519**	Analysis Date:	7/22/2008 12:27:25 PM	
Calcium	50.51	mg/L	0.50	101	80	120			
Magnesium	50.59	mg/L	0.50	101	80	120			
Potassium	51.78	mg/L	1.0	104	80	120			
Sodium	53.76	mg/L	0.50	108	80	120			

[illegible]ifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING CALLU Date Received: 7/11/2008

Work Order Number 0807149 Received by: TLS

Checklist completed by: Signature 7/11/08 Date Sample ID labels checked by: Initials

Matrix: Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☐	No ☑		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	4°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: per COR use collection times & ID's on bottles /AT 7/11/08

Corrective Action _____

Chain-of-Custody Record

Client: Western
Gallup Refinery
Address: Rt 3 Box 7
Gallup NM
Phone #:
email or Fax#:
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: NAPIS
Project #: NAPIS-7-9-08
Project Manager: Gaurav Rajen@wnr.com
Sampler: Raj + Chen T
On Ice: ☒ Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0807149	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	GenChem				Air Bubbles (Y or N)
7/09/08	1330	KA3R-7-9-08	3-VOA	HCL	-1	X															
			3 VOA	HCL	-1	X		X													
			1-500	HNO3	-1												X				
			1-500	H2SO4	-1												X				
			1-500	None	-1												X				
	1345	KA2R-7-9-08	3-VOA	HCL	-2	X															
			3-VOA	HCL	-2			X													
			1-500	HNO3	-2												X				
			1-500	H2SO4	-2												X				
			1-500	None	-2												X				
	1400	KA1R-7-9-08	3-VOA	HCl	-3	X															
			3-VOA	HCl	-3			X													

Date:	Time:	Relinquished by:	Received by:	Remarks:
7/10/08	1000		7/11/08 Amy Shomi	GenChem - Cations, Anions, pH Conductivity per RG 8021/Colorado AT 7/11/08
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Chain of Custody Record

Client: Western

Address:

Phone #:

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: NAPIS

Project #: NAPIS-7-9-08

Project Manager: Gaurav Rajen@wnr.com

Sampler: Raj + Chen

On Ice: ☒ Yes ☐ No

Sample Temperature: 4°

Date	Time	Sample Request ID (3 AT 7/11/08)	Container Type and #	Preservative Type	HEAL No. 0807149	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen-Chem				Air Bubbles (Y or N)
070908	1400	KAR-7-9-08	1-500	HNO3	-3												X				
"	1400	"	"	H2SO4	-3												X				
"	1400	"	"	none	-3												X				

Date:	Time:	Relinquished by:	Received by:	Remarks:
71008	1000		7/11/08 1220	Gen Chem - Cations, Anions, pH Conductivity
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

GWM-1

COVER LETTER

Wednesday, July 30, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 Annual GWM-1

Order No.: 0807152

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 1 sample(s) on 7/11/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-1
Lab Order:	0807152	**Collection Date:**	7/10/2008 8:45:00 AM
Project:	2008 Annual	**Date Received:**	7/11/2008
Lab ID:	0807152-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.7	0.10		mg/L	1	7/12/2008 3:45:26 AM
Chloride	1800	10		mg/L	100	7/15/2008 11:11:19 AM
Nitrate (As N)+Nitrite (As N)	ND	2.0		mg/L	10	7/15/2008 11:28:44 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	7/12/2008 3:45:26 AM
Sulfate	110	5.0		mg/L	10	7/12/2008 4:02:50 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	7/20/2008 4:46:18 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	0.070	0.020		mg/L	1	7/22/2008 5:42:14 PM
Barium	0.45	0.020		mg/L	1	7/22/2008 5:42:14 PM
Cadmium	ND	0.0020		mg/L	1	7/22/2008 5:42:14 PM
Calcium	350	10		mg/L	10	7/24/2008 10:04:31 AM
Chromium	ND	0.0060		mg/L	1	7/22/2008 5:42:14 PM
Copper	0.014	0.0060		mg/L	1	7/22/2008 5:42:14 PM
Iron	14	2.5		mg/L	50	7/22/2008 6:53:39 PM
Lead	0.010	0.0050		mg/L	1	7/22/2008 5:42:14 PM
Magnesium	81	1.0		mg/L	1	7/22/2008 5:42:14 PM
Manganese	3.6	0.020		mg/L	10	7/22/2008 6:50:51 PM
Potassium	3.3	1.0		mg/L	1	7/22/2008 5:42:14 PM
Selenium	ND	0.050		mg/L	1	7/22/2008 5:42:14 PM
Silver	ND	0.0050		mg/L	1	7/22/2008 5:42:14 PM
Sodium	1400	50		mg/L	50	7/24/2008 10:07:22 AM
Zinc	ND	0.050		mg/L	1	7/22/2008 5:42:14 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	7/21/2008
Acenaphthylene	ND	10		µg/L	1	7/21/2008
Aniline	ND	10		µg/L	1	7/21/2008
Anthracene	ND	10		µg/L	1	7/21/2008
Azobenzene	ND	10		µg/L	1	7/21/2008
Benz(a)anthracene	ND	10		µg/L	1	7/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	7/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	7/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	7/21/2008
Benzoic acid	ND	20		µg/L	1	7/21/2008
Benzyl alcohol	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	7/21/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	7/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	7/21/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-1
Lab Order:	0807152	**Collection Date:**	7/10/2008 8:45:00 AM
Project:	2008 Annual	**Date Received:**	7/11/2008
Lab ID:	0807152-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	7/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	7/21/2008
Carbazole	ND	10		µg/L	1	7/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	7/21/2008
4-Chloroaniline	ND	10		µg/L	1	7/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	7/21/2008
2-Chlorophenol	ND	10		µg/L	1	7/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	7/21/2008
Chrysene	ND	10		µg/L	1	7/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	7/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	7/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	7/21/2008
Dibenzofuran	ND	10		µg/L	1	7/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	7/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	7/21/2008
Diethyl phthalate	ND	10		µg/L	1	7/21/2008
Dimethyl phthalate	ND	10		µg/L	1	7/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	7/21/2008
2,4-Dimethylphenol	28	10		µg/L	1	7/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	7/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	7/21/2008
Fluoranthene	ND	10		µg/L	1	7/21/2008
Fluorene	ND	10		µg/L	1	7/21/2008
Hexachlorobenzene	ND	10		µg/L	1	7/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	7/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	7/21/2008
Hexachloroethane	ND	10		µg/L	1	7/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	7/21/2008
Isophorone	ND	10		µg/L	1	7/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	7/21/2008
2-Methylphenol	ND	10		µg/L	1	7/21/2008
3+4-Methylphenol	ND	10		µg/L	1	7/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	7/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	7/21/2008
Naphthalene	ND	10		µg/L	1	7/21/2008
2-Nitroaniline	ND	10		µg/L	1	7/21/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-1
Lab Order:	0807152	**Collection Date:**	7/10/2008 8:45:00 AM
Project:	2008 Annual	**Date Received:**	7/11/2008
Lab ID:	0807152-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
3-Nitroaniline	ND	10		µg/L	1	7/21/2008
4-Nitroaniline	ND	10		µg/L	1	7/21/2008
Nitrobenzene	ND	10		µg/L	1	7/21/2008
2-Nitrophenol	ND	10		µg/L	1	7/21/2008
4-Nitrophenol	ND	10		µg/L	1	7/21/2008
Pentachlorophenol	ND	20		µg/L	1	7/21/2008
Phenanthrene	ND	10		µg/L	1	7/21/2008
Phenol	ND	10		µg/L	1	7/21/2008
Pyrene	ND	10		µg/L	1	7/21/2008
Pyridine	ND	10		µg/L	1	7/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	7/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	7/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	7/21/2008
Surr: 2,4,6-Tribromophenol	28.7	16.6-150		%REC	1	7/21/2008
Surr: 2-Fluorobiphenyl	29.0	19.6-134		%REC	1	7/21/2008
Surr: 2-Fluorophenol	20.9	9.54-113		%REC	1	7/21/2008
Surr: 4-Terphenyl-d14	29.2	22.7-145		%REC	1	7/21/2008
Surr: Nitrobenzene-d5	29.1	14.6-134		%REC	1	7/21/2008
Surr: Phenol-d5	14.9	10.7-80.3		%REC	1	7/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	11	2.0		µg/L /1000 mg/L	2	7/15/2008 4:19:28 PM
Toluene	2.1	2.0		µg/L	2	7/15/2008 4:19:28 PM
Ethylbenzene	3.9	2.0		µg/L	2	7/15/2008 4:19:28 PM
Methyl tert-butyl ether (MTBE)	120	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2,4-Trimethylbenzene	4.6	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2-Dichloroethane (EDC)	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2-Dibromoethane (EDB)	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Naphthalene	ND	4.0		µg/L	2	7/15/2008 4:19:28 PM
1-Methylnaphthalene	ND	8.0		µg/L	2	7/15/2008 4:19:28 PM
2-Methylnaphthalene	ND	8.0		µg/L	2	7/15/2008 4:19:28 PM
Acetone	ND	20		µg/L	2	7/15/2008 4:19:28 PM
Bromobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Bromodichloromethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Bromoform	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Bromomethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
2-Butanone	ND	20		µg/L	2	7/15/2008 4:19:28 PM
Carbon disulfide	ND	20		µg/L	2	7/15/2008 4:19:28 PM
Carbon Tetrachloride	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Chlorobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Chloroethane	ND	4.0		µg/L	2	7/15/2008 4:19:28 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-1
Lab Order:	0807152	**Collection Date:**	7/10/2008 8:45:00 AM
Project:	2008 Annual	**Date Received:**	7/11/2008
Lab ID:	0807152-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Chloroform	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Chloromethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
2-Chlorotoluene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
4-Chlorotoluene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
cis-1,2-DCE	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
cis-1,3-Dichloropropene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2-Dibromo-3-chloropropane	ND	4.0		µg/L	2	7/15/2008 4:19:28 PM
Dibromochloromethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Dibromomethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2-Dichlorobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,3-Dichlorobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,4-Dichlorobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Dichlorodifluoromethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,1-Dichloroethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,1-Dichloroethene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2-Dichloropropane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,3-Dichloropropane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
2,2-Dichloropropane	ND	4.0		µg/L	2	7/15/2008 4:19:28 PM
1,1-Dichloropropene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Hexachlorobutadiene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
2-Hexanone	ND	20		µg/L	2	7/15/2008 4:19:28 PM
Isopropylbenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
4-Isopropyltoluene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
4-Methyl-2-pentanone	ND	20		µg/L	2	7/15/2008 4:19:28 PM
Methylene Chloride	ND	6.0		µg/L	2	7/15/2008 4:19:28 PM
n-Butylbenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
n-Propylbenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
sec-Butylbenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Styrene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
tert-Butylbenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,1,2,2-Tetrachloroethane	ND	4.0		µg/L	2	7/15/2008 4:19:28 PM
Tetrachloroethene (PCE)	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
trans-1,2-DCE	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
trans-1,3-Dichloropropene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,1,1-Trichloroethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,1,2-Trichloroethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Trichloroethene (TCE)	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Trichlorofluoromethane	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
1,2,3-Trichloropropane	ND	4.0		µg/L	2	7/15/2008 4:19:28 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *30-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	GWM-1
Lab Order:	0807152	**Collection Date:**	7/10/2008 8:45:00 AM
Project:	2008 Annual	**Date Received:**	7/11/2008
Lab ID:	0807152-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Vinyl chloride	ND	2.0		µg/L	2	7/15/2008 4:19:28 PM
Xylenes, Total	19	3.0		µg/L	2	7/15/2008 4:19:28 PM
Surr: 1,2-Dichloroethane-d4	93.8	68.1-123		%REC	2	7/15/2008 4:19:28 PM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	2	7/15/2008 4:19:28 PM
Surr: Dibromofluoromethane	102	68.5-119		%REC	2	7/15/2008 4:19:28 PM
Surr: Toluene-d8	87.2	64-131		%REC	2	7/15/2008 4:19:28 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	7400	0.010		µmhos/cm	1	7/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	6.92	0.1		pH units	1	7/12/2008

Qualifiers:

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J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R29305**	Analysis Date:	7/11/2008 9:11:11 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R29359**	Analysis Date:	7/15/2008 9:44:16 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R29305**	Analysis Date:	7/11/2008 9:28:36 AM	
Fluoride	0.4940	mg/L	0.10	98.8	90	110			
Chloride	5.159	mg/L	0.10	103	90	110			
Nitrate (As N)+Nitrite (As N)	3.606	mg/L	0.20	103	90	110			
Phosphorus, Orthophosphate (As P)	4.934	mg/L	0.50	98.7	90	110			
Sulfate	10.55	mg/L	0.50	106	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R29359**	Analysis Date:	7/15/2008 10:01:41 AM	
Fluoride	0.4897	mg/L	0.10	97.9	90	110			
Chloride	5.207	mg/L	0.10	104	90	110			
Nitrate (As N)+Nitrite (As N)	3.573	mg/L	0.20	102	90	110			
Phosphorus, Orthophosphate (As P)	5.076	mg/L	0.50	102	90	110			
Sulfate	10.65	mg/L	0.50	107	90	110			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16470		*MBLK*			Batch ID: **16470**		Analysis Date:		7/21/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
[redacted]bazole	ND	µg/L	10						
[redacted]hloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
[redacted]exachlorobenzene	ND	µg/L	10						

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16470		*MBLK*			Batch ID:	**16470**	Analysis Date:		7/21/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
[P]entachlorophenol	ND	µg/L	20						
[P]henanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16470		*LCS*			Batch ID:	**16470**	Analysis Date:		7/21/2008
Acenaphthene	43.40	µg/L	10	43.4	11	123			
4-Chloro-3-methylphenol	73.82	µg/L	10	36.9	15.4	119			
2-Chlorophenol	73.04	µg/L	10	36.5	12.2	122			
1,4-Dichlorobenzene	35.34	µg/L	10	35.3	16.9	100			
2,4-Dinitrotoluene	40.60	µg/L	10	40.6	13	138			
N-Nitrosodi-n-propylamine	42.92	µg/L	10	42.9	9.93	122			
4-Nitrophenol	43.74	µg/L	10	21.9	12.5	87.4			
Pentachlorophenol	98.08	µg/L	20	42.4	3.55	114			
Phenol	40.52	µg/L	10	20.3	7.53	73.1			
Pyrene	41.66	µg/L	10	41.7	12.6	140			
1,2,4-Trichlorobenzene	33.76	µg/L	10	33.8	17.4	98.7			
Sample ID: lcsd-16470		*LCSD*			Batch ID:	**16470**	Analysis Date:		7/21/2008
Acenaphthene	54.48	µg/L	10	54.5	11	123	22.6	30.5	
4-Chloro-3-methylphenol	95.40	µg/L	10	47.7	15.4	119	25.5	28.6	
2-Chlorophenol	94.42	µg/L	10	47.2	12.2	122	25.5	107	
1,4-Dichlorobenzene	46.88	µg/L	10	46.9	16.9	100	28.1	62.1	
[2,4]-Dinitrotoluene	53.26	µg/L	10	53.3	13	138	27.0	14.7	R

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16470		*LCSD*			Batch ID:	**16470**	Analysis Date:		7/21/2008
N-Nitrosodi-n-propylamine	59.78	µg/L	10	59.8	9.93	122	32.8	30.3	R
4-Nitrophenol	53.64	µg/L	10	26.8	12.5	87.4	20.3	36.3	
Pentachlorophenol	128.0	µg/L	20	57.4	3.55	114	26.5	49	
Phenol	51.24	µg/L	10	25.6	7.53	73.1	23.4	52.4	
Pyrene	52.74	µg/L	10	52.7	12.6	140	23.5	16.3	R
1,2,4-Trichlorobenzene	46.44	µg/L	10	46.4	17.4	98.7	31.6	36.4	
Method: EPA Method 7470: Mercury									
Sample ID: MB-16525		*MBLK*			Batch ID:	**16525**	Analysis Date:		7/20/2008 4:23:03 PM
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-16525		*LCS*			Batch ID:	**16525**	Analysis Date:		7/20/2008 4:24:47 PM
Mercury	0.005159	mg/L	0.00020	102	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16544		*MBLK*			Batch ID: **16544**		Analysis Date:	7/22/2008 4:50:05 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Zinc	ND	mg/L	0.020						
Sample ID: LCS-16544		*LCS*			Batch ID: **16544**		Analysis Date:	7/22/2008 4:53:07 PM	
Arsenic	0.4959	mg/L	0.020	99.2	80	120			
Barium	0.4694	mg/L	0.010	93.9	80	120			
Cadmium	0.4924	mg/L	0.0020	98.5	80	120			
Calcium	48.76	mg/L	0.50	97.5	80	120			
Chromium	0.4869	mg/L	0.0060	97.4	80	120			
Copper	0.4825	mg/L	0.0060	96.5	80	120			
Iron	0.4789	mg/L	0.050	95.8	80	120			
Lead	0.4890	mg/L	0.0050	97.8	80	120			
Magnesium	49.17	mg/L	0.50	98.3	80	120			
Manganese	0.4689	mg/L	0.0020	93.8	80	120			
Potassium	51.30	mg/L	1.0	103	80	120			
Selenium	0.4865	mg/L	0.050	97.3	80	120			
Silver	0.4815	mg/L	0.0050	96.3	80	120			
Sodium	52.01	mg/L	0.50	104	80	120			
Zinc	0.4709	mg/L	0.020	94.2	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29315**		Analysis Date:	7/14/2008 9:21:03 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29315**		Analysis Date:	7/14/2008 9:21:03 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29356**		Analysis Date:	7/15/2008 10:01:29 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29356**		Analysis Date:	7/15/2008 10:01:29 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[redacted]achlorobutadiene	ND	µg/L	1.0						
[redacted]exanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b5		*MBLK*			Batch ID: **R29356**		Analysis Date:	7/16/2008 12:32:55 AM	

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Method: EPA Method 8260B: VOLATILES
Sample ID: b5 *MBLK* Batch ID: R29356 Analysis Date: 7/16/2008 12:32:55 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
[illegible]on Tetrachloride	ND	µg/L	1.0
[illegible]robenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

'ent: Western Refining Southwest, Gallup
Project: 2008 Annual **Work Order:** 0807152

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b5		*MBLK*			Batch ID: **R29356**		Analysis Date:	7/16/2008 12:32:55 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
[illegible]-Trichloropropane	ND	µg/L	2.0						
[illegible]chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29315**		Analysis Date:	7/14/2008 10:18:33 AM	
Benzene	20.84	µg/L	1.0	104	86.8	120			
Toluene	20.48	µg/L	1.0	102	64.1	127			
Chlorobenzene	21.79	µg/L	1.0	109	82.4	113			
1,1-Dichloroethene	24.10	µg/L	1.0	121	86.5	132			
Trichloroethene (TCE)	19.80	µg/L	1.0	99.0	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29356**		Analysis Date:	7/15/2008 10:58:51 AM	
Benzene	20.91	µg/L	1.0	105	86.8	120			
Toluene	19.86	µg/L	1.0	99.3	64.1	127			
Chlorobenzene	22.46	µg/L	1.0	112	82.4	113			
1,1-Dichloroethene	25.35	µg/L	1.0	127	86.5	132			
richloroethene (TCE)	20.13	µg/L	1.0	101	77.3	123			
ample ID: 100ng lcs		*LCS*			Batch ID: **R29356**		Analysis Date:	7/16/2008 1:30:14 AM	
enzene	20.55	µg/L	1.0	103	86.8	120			
oluene	20.08	µg/L	1.0	100	64.1	127			
lorobenzene	23.08	µg/L	1.0	115	82.4	113			S
l-Dichloroethene	24.01	µg/L	1.0	120	86.5	132			
chloroethene (TCE)	20.05	µg/L	1.0	100	77.3	123			

...ers:

	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 7/11/2008

Work Order Number 0807152 | Received by: TLS

Checklist completed by: [signature] 7/11/08 (Signature / Date) | Sample ID labels checked by: AT (Initials)

Matrix: | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	4°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: added 3 mls HNO3 to 2 x 500 HNO3 bottles for acceptable pH/ AT 7/11/08

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining
Gallup Refining
Address: Rt 3 Box 7
Gallup, NM
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: 2008 Annual
Project #: GWM-1 Annual
Project Manager: ~~Ged~~ Gaurav Rajen @ wnr.com
Sampler: Cheryl Johnson
On Ice: ☒ Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0807152
71008	0845	GWM-1	1/500ml	HNO_3	-1
/	/	/	1/500	HNO_3	
/	/	/	1/500ml	H_2SO_4	
/	/	/	3/VOA	HCL	
/	/	/	1 L Amber	none	
/	/	/	1/500MP	none	-1

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem	Metals WQCC Totals			Air Bubbles (Y or N)
											X				
												X			
											X				
									X						
										X					
											X				

Date:	Time:	Relinquished by:	Received by:	Date:	Time:
1008	0945		7/11/08 1220		

Remarks: GEN CHEM - Cations, Anions pH, Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, July 11, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: OCD Quarterly Water Samples 2 QTR 2008

Order No.: 0806260

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 6/17/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ▪ Suite D ▪ Albuquerque, NM 87109
505.345.3975 ▪ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:30:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	140	3.0		mg/L	1	6/19/2008 4:42:38 PM
Motor Oil Range Organics (MRO)	17	15		mg/L	1	6/19/2008 4:42:38 PM
Surr: DNOP	85.2	58-140		%REC	1	6/19/2008 4:42:38 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	1.4	1.0		mg/L	20	6/27/2008 9:43:06 PM
Surr: BFB	96.9	79.2-121		%REC	20	6/27/2008 9:43:06 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	0.00076	0.00020		mg/L	1	6/25/2008 12:58:09 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	6/27/2008 3:13:20 PM
Barium	0.14	0.010		mg/L	1	6/27/2008 3:13:20 PM
Cadmium	ND	0.0020		mg/L	1	6/27/2008 3:13:20 PM
Chromium	0.013	0.0060		mg/L	1	6/27/2008 3:13:20 PM
Copper	0.015	0.0060		mg/L	1	6/27/2008 3:13:20 PM
Iron	9.0	0.50		mg/L	10	6/30/2008 5:31:35 PM
Lead	0.0057	0.0050		mg/L	1	6/27/2008 3:13:20 PM
Manganese	0.13	0.0020		mg/L	1	6/27/2008 3:13:20 PM
Selenium	ND	0.050		mg/L	1	6/27/2008 3:13:20 PM
Silver	ND	0.0050		mg/L	1	6/27/2008 3:13:20 PM
Zinc	1.6	0.20		mg/L	10	6/30/2008 5:31:35 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Toluene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Ethylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Methyl tert-butyl ether (MTBE)	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2,4-Trimethylbenzene	39	20		µg/L	20	6/21/2008 12:59:46 AM
1,3,5-Trimethylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2-Dichloroethane (EDC)	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2-Dibromoethane (EDB)	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Naphthalene	51	40		µg/L	20	6/21/2008 12:59:46 AM
1-Methylnaphthalene	180	80		µg/L	20	6/26/2008 7:52:46 PM
2-Methylnaphthalene	260	80		µg/L	20	6/26/2008 7:52:46 PM
Acetone	3800	200		µg/L	20	6/21/2008 12:59:46 AM
Bromobenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Bromodichloromethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Bromoform	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Bromomethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
2-Butanone	350	200		µg/L	20	6/21/2008 12:59:46 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:30:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Carbon disulfide	ND	200		µg/L	20	6/21/2008 12:59:46 AM
Carbon Tetrachloride	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Chlorobenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Chloroethane	ND	40		µg/L	20	6/21/2008 12:59:46 AM
Chloroform	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Chloromethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
2-Chlorotoluene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
4-Chlorotoluene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
cis-1,2-DCE	ND	20		µg/L	20	6/21/2008 12:59:46 AM
cis-1,3-Dichloropropene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2-Dibromo-3-chloropropane	ND	40		µg/L	20	6/21/2008 12:59:46 AM
Dibromochloromethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Dibromomethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2-Dichlorobenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,3-Dichlorobenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,4-Dichlorobenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Dichlorodifluoromethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,1-Dichloroethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,1-Dichloroethene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2-Dichloropropane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,3-Dichloropropane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
2,2-Dichloropropane	ND	40		µg/L	20	6/21/2008 12:59:46 AM
1,1-Dichloropropene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Hexachlorobutadiene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
2-Hexanone	ND	200		µg/L	20	6/21/2008 12:59:46 AM
Isopropylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
4-Isopropyltoluene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
4-Methyl-2-pentanone	ND	200		µg/L	20	6/21/2008 12:59:46 AM
Methylene Chloride	ND	60		µg/L	20	6/21/2008 12:59:46 AM
n-Butylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
n-Propylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
sec-Butylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Styrene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
tert-Butylbenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,1,2,2-Tetrachloroethane	ND	40		µg/L	20	6/21/2008 12:59:46 AM
Tetrachloroethene (PCE)	ND	20		µg/L	20	6/21/2008 12:59:46 AM
trans-1,2-DCE	ND	20		µg/L	20	6/21/2008 12:59:46 AM
trans-1,3-Dichloropropene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2,3-Trichlorobenzene	ND	20		µg/L	20	6/26/2008 7:52:46 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,1,1-Trichloroethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:30:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,1,2-Trichloroethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Trichloroethene (TCE)	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Trichlorofluoromethane	ND	20		µg/L	20	6/21/2008 12:59:46 AM
1,2,3-Trichloropropane	ND	40		µg/L	20	6/21/2008 12:59:46 AM
Vinyl chloride	ND	20		µg/L	20	6/21/2008 12:59:46 AM
Xylenes, Total	ND	30		µg/L	20	6/21/2008 12:59:46 AM
Surr: 1,2-Dichloroethane-d4	91.3	68.1-123		%REC	20	6/21/2008 12:59:46 AM
Surr: 4-Bromofluorobenzene	100	53.2-145		%REC	20	6/21/2008 12:59:46 AM
Surr: Dibromofluoromethane	96.7	68.5-119		%REC	20	6/21/2008 12:59:46 AM
Surr: Toluene-d8	95.6	64-131		%REC	20	6/21/2008 12:59:46 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:45:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	140	3.0		mg/L	1	6/19/2008 5:17:35 PM
Motor Oil Range Organics (MRO)	17	15		mg/L	1	6/19/2008 5:17:35 PM
Surr: DNOP	105	58-140		%REC	1	6/19/2008 5:17:35 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	2.7	1.0		mg/L	20	6/27/2008 10:15:43 PM
Surr: BFB	106	79.2-121		%REC	20	6/27/2008 10:15:43 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
4-Chloro-3-methylphenol	ND	50		µg/L	1	6/24/2008
2-Chlorophenol	ND	50		µg/L	1	6/24/2008
2,4-Dichlorophenol	ND	50		µg/L	1	6/24/2008
2,4-Dimethylphenol	130	50		µg/L	1	6/24/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	6/24/2008
2,4-Dinitrophenol	ND	100		µg/L	1	6/24/2008
2-Methylphenol	370	50		µg/L	1	6/24/2008
3+4-Methylphenol	400	50		µg/L	1	6/24/2008
2-Nitrophenol	ND	50		µg/L	1	6/24/2008
4-Nitrophenol	ND	50		µg/L	1	6/24/2008
Pentachlorophenol	ND	100		µg/L	1	6/24/2008
Phenol	1200	50		µg/L	1	6/24/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	6/24/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	6/24/2008
Surr: 2,4,6-Tribromophenol	52.9	16.6-150		%REC	1	6/24/2008
Surr: 2-Fluorobiphenyl	64.9	19.6-134		%REC	1	6/24/2008
Surr: 2-Fluorophenol	38.7	9.54-113		%REC	1	6/24/2008
Surr: 4-Terphenyl-d14	50.9	22.7-145		%REC	1	6/24/2008
Surr: Nitrobenzene-d5	73.6	14.6-134		%REC	1	6/24/2008
Surr: Phenol-d5	33.8	10.7-80.3		%REC	1	6/24/2008
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Toluene	12	10		µg/L	10	6/21/2008 1:30:02 AM
Ethylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2,4-Trimethylbenzene	33	10		µg/L	10	6/21/2008 1:30:02 AM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Naphthalene	53	20		µg/L	10	6/21/2008 1:30:02 AM
1-Methylnaphthalene	87	40		µg/L	10	6/26/2008 8:22:42 PM
2-Methylnaphthalene	130	40		µg/L	10	6/26/2008 8:22:42 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:45:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Acetone	1600	1000		µg/L	100	6/20/2008 2:34:35 AM
Bromobenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Bromodichloromethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Bromoform	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Bromomethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
2-Butanone	320	100		µg/L	10	6/21/2008 1:30:02 AM
Carbon disulfide	ND	100		µg/L	10	6/21/2008 1:30:02 AM
Carbon Tetrachloride	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Chlorobenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Chloroethane	ND	20		µg/L	10	6/21/2008 1:30:02 AM
Chloroform	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Chloromethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
2-Chlorotoluene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
4-Chlorotoluene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
cis-1,2-DCE	ND	10		µg/L	10	6/21/2008 1:30:02 AM
cis-1,3-Dichloropropene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	6/21/2008 1:30:02 AM
Dibromochloromethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Dibromomethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2-Dichlorobenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,3-Dichlorobenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,4-Dichlorobenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Dichlorodifluoromethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,1-Dichloroethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,1-Dichloroethene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2-Dichloropropane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,3-Dichloropropane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
2,2-Dichloropropane	ND	20		µg/L	10	6/21/2008 1:30:02 AM
1,1-Dichloropropene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Hexachlorobutadiene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
2-Hexanone	ND	100		µg/L	10	6/21/2008 1:30:02 AM
Isopropylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
4-Isopropyltoluene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
4-Methyl-2-pentanone	ND	100		µg/L	10	6/21/2008 1:30:02 AM
Methylene Chloride	ND	30		µg/L	10	6/21/2008 1:30:02 AM
n-Butylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
n-Propylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
sec-Butylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Styrene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
tert-Butylbenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	6/21/2008 1:30:02 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:45:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Tetrachloroethene (PCE)	ND	10		µg/L	10	6/21/2008 1:30:02 AM
trans-1,2-DCE	ND	10		µg/L	10	6/21/2008 1:30:02 AM
trans-1,3-Dichloropropene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	6/26/2008 8:22:42 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,1,1-Trichloroethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,1,2-Trichloroethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Trichloroethene (TCE)	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Trichlorofluoromethane	ND	10		µg/L	10	6/21/2008 1:30:02 AM
1,2,3-Trichloropropane	ND	20		µg/L	10	6/21/2008 1:30:02 AM
Vinyl chloride	ND	10		µg/L	10	6/21/2008 1:30:02 AM
Xylenes, Total	24	15		µg/L	10	6/21/2008 1:30:02 AM
Surr: 1,2-Dichloroethane-d4	94.7	68.1-123		%REC	10	6/21/2008 1:30:02 AM
Surr: 4-Bromofluorobenzene	93.4	53.2-145		%REC	10	6/21/2008 1:30:02 AM
Surr: Dibromofluoromethane	101	68.5-119		%REC	10	6/21/2008 1:30:02 AM
Surr: Toluene-d8	94.7	64-131		%REC	10	6/21/2008 1:30:02 AM
SM4500-H+B: PH						Analyst: **KMS**
pH	7.43	0.1		pH units	1	6/19/2008

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:00:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	5.4	3.0		mg/L	1	6/19/2008 5:52:32 PM
Motor Oil Range Organics (MRO)	ND	15		mg/L	1	6/19/2008 5:52:32 PM
Surr: DNOP	105	58-140		%REC	1	6/19/2008 5:52:32 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	0.078	0.050		mg/L	1	6/27/2008 5:06:39 PM
Surr: BFB	97.6	79.2-121		%REC	1	6/27/2008 5:06:39 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 12:59:56 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	6/27/2008 3:17:14 PM
Barium	0.019	0.010		mg/L	1	6/27/2008 3:17:14 PM
Cadmium	ND	0.0020		mg/L	1	6/27/2008 3:17:14 PM
Chromium	ND	0.0060		mg/L	1	6/27/2008 3:17:14 PM
Copper	0.012	0.0060		mg/L	1	6/27/2008 3:17:14 PM
Iron	0.44	0.050		mg/L	1	6/27/2008 3:17:14 PM
Lead	ND	0.0050		mg/L	1	6/27/2008 3:17:14 PM
Manganese	0.10	0.0020		mg/L	1	6/27/2008 3:17:14 PM
Selenium	ND	0.050		mg/L	1	6/27/2008 3:17:14 PM
Silver	ND	0.0050		mg/L	1	6/27/2008 3:17:14 PM
Zinc	0.043	0.020		mg/L	1	6/27/2008 3:17:14 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Toluene	6.2	1.0		µg/L	1	6/23/2008 4:28:29 PM
Ethylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Naphthalene	ND	2.0		µg/L	1	6/23/2008 4:28:29 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	6/23/2008 4:28:29 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	6/23/2008 4:28:29 PM
Acetone	78	10		µg/L	1	6/23/2008 4:28:29 PM
Bromobenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Bromodichloromethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Bromoform	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Bromomethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
2-Butanone	10	10		µg/L	1	6/23/2008 4:28:29 PM

Qualifiers:

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J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:00:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Carbon disulfide	ND	10		µg/L	1	6/23/2008 4:28:29 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Chlorobenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Chloroethane	ND	2.0		µg/L	1	6/23/2008 4:28:29 PM
Chloroform	4.4	1.0		µg/L	1	6/23/2008 4:28:29 PM
Chloromethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
2-Chlorotoluene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
4-Chlorotoluene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
cis-1,2-DCE	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	6/23/2008 4:28:29 PM
Dibromochloromethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Dibromomethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,4-Dichlorobenzene	1.8	1.0		µg/L	1	6/23/2008 4:28:29 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	6/23/2008 4:28:29 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
2-Hexanone	ND	10		µg/L	1	6/23/2008 4:28:29 PM
Isopropylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	6/23/2008 4:28:29 PM
Methylene Chloride	ND	3.0		µg/L	1	6/23/2008 4:28:29 PM
n-Butylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
n-Propylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
sec-Butylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Styrene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
tert-Butylbenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	6/23/2008 4:28:29 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
trans-1,2-DCE	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:00:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1,2-Trichloroethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	6/23/2008 4:28:29 PM
Vinyl chloride	ND	1.0		µg/L	1	6/23/2008 4:28:29 PM
Xylenes, Total	ND	1.5		µg/L	1	6/23/2008 4:28:29 PM
Surr: 1,2-Dichloroethane-d4	93.8	68.1-123		%REC	1	6/23/2008 4:28:29 PM
Surr: 4-Bromofluorobenzene	100	53.2-145		%REC	1	6/23/2008 4:28:29 PM
Surr: Dibromofluoromethane	99.1	68.5-119		%REC	1	6/23/2008 4:28:29 PM
Surr: Toluene-d8	99.0	64-131		%REC	1	6/23/2008 4:28:29 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:15:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	44	3.0		mg/L	1	6/19/2008 6:27:34 PM
Motor Oil Range Organics (MRO)	ND	15		mg/L	1	6/19/2008 6:27:34 PM
Surr: DNOP	90.9	58-140		%REC	1	6/19/2008 6:27:34 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **NSB**
Gasoline Range Organics (GRO)	11	2.5		mg/L	50	6/27/2008 6:09:29 PM
Surr: BFB	96.3	79.2-121		%REC	50	6/27/2008 6:09:29 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	19	1.0		mg/L	10	6/19/2008 1:31:43 AM
Chloride	93	1.0		mg/L	10	6/19/2008 1:31:43 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	6/19/2008 1:31:43 AM
Nitrogen, Nitrate (As N)	3.4	1.0		mg/L	10	6/19/2008 1:31:43 AM
Phosphorus, Orthophosphate (As P)	37	5.0		mg/L	10	6/19/2008 1:31:43 AM
Sulfate	630	5.0		mg/L	10	6/19/2008 1:31:43 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 1:01:44 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	6/27/2008 3:21:22 PM
Barium	0.081	0.010		mg/L	1	6/27/2008 3:21:22 PM
Cadmium	ND	0.0020		mg/L	1	6/27/2008 3:21:22 PM
Calcium	50	0.50		mg/L	1	6/27/2008 3:21:22 PM
Chromium	ND	0.0060		mg/L	1	6/27/2008 3:21:22 PM
Copper	ND	0.0060		mg/L	1	6/27/2008 3:21:22 PM
Iron	1.1	0.25		mg/L	5	6/30/2008 3:58:02 PM
Lead	ND	0.0050		mg/L	1	6/27/2008 3:21:22 PM
Magnesium	12	0.50		mg/L	1	6/27/2008 3:21:22 PM
Manganese	0.057	0.0020		mg/L	1	6/27/2008 3:21:22 PM
Potassium	13	1.0		mg/L	1	7/8/2008 3:20:35 PM
Selenium	ND	0.050		mg/L	1	6/27/2008 3:21:22 PM
Silver	ND	0.0050		mg/L	1	6/27/2008 3:21:22 PM
Sodium	320	2.5		mg/L	5	6/30/2008 3:24:18 PM
Uranium	ND	0.10		mg/L	1	6/27/2008 3:21:22 PM
Zinc	0.19	0.020		mg/L	1	6/27/2008 3:21:22 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	50		µg/L	1	6/24/2008
Acenaphthylene	ND	50		µg/L	1	6/24/2008
Aniline	400	50		µg/L	1	6/24/2008
Anthracene	ND	50		µg/L	1	6/24/2008

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:15:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Azobenzene	ND	50		µg/L	1	6/24/2008
Benz(a)anthracene	ND	50		µg/L	1	6/24/2008
Benzo(a)pyrene	ND	50		µg/L	1	6/24/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	6/24/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	6/24/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	6/24/2008
Benzoic acid	ND	100		µg/L	1	6/24/2008
Benzyl alcohol	ND	50		µg/L	1	6/24/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	6/24/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	6/24/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	6/24/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	6/24/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	6/24/2008
Butyl benzyl phthalate	ND	50		µg/L	1	6/24/2008
Carbazole	ND	50		µg/L	1	6/24/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	6/24/2008
4-Chloroaniline	ND	50		µg/L	1	6/24/2008
2-Chloronaphthalene	ND	50		µg/L	1	6/24/2008
2-Chlorophenol	ND	50		µg/L	1	6/24/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	6/24/2008
Chrysene	ND	50		µg/L	1	6/24/2008
Di-n-butyl phthalate	ND	50		µg/L	1	6/24/2008
Di-n-octyl phthalate	ND	50		µg/L	1	6/24/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	6/24/2008
Dibenzofuran	ND	50		µg/L	1	6/24/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	6/24/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	6/24/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	6/24/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	6/24/2008
Diethyl phthalate	ND	50		µg/L	1	6/24/2008
Dimethyl phthalate	ND	50		µg/L	1	6/24/2008
2,4-Dichlorophenol	ND	50		µg/L	1	6/24/2008
2,4-Dimethylphenol	160	50		µg/L	1	6/24/2008
4,6-Dinitro-2-methylphenol	ND	50		µg/L	1	6/24/2008
2,4-Dinitrophenol	ND	100		µg/L	1	6/24/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	6/24/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	6/24/2008
Fluoranthene	ND	50		µg/L	1	6/24/2008
Fluorene	ND	50		µg/L	1	6/24/2008
Hexachlorobenzene	ND	50		µg/L	1	6/24/2008
Hexachlorobutadiene	ND	50		µg/L	1	6/24/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	6/24/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:15:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Hexachloroethane	ND	50		µg/L	1	6/24/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	6/24/2008
Isophorone	ND	50		µg/L	1	6/24/2008
2-Methylnaphthalene	500	50		µg/L	1	6/24/2008
2-Methylphenol	4900	500		µg/L	10	6/25/2008
3+4-Methylphenol	8500	500		µg/L	10	6/25/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	6/24/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	6/24/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	6/24/2008
Naphthalene	240	50		µg/L	1	6/24/2008
2-Nitroaniline	ND	50		µg/L	1	6/24/2008
3-Nitroaniline	ND	50		µg/L	1	6/24/2008
4-Nitroaniline	ND	50		µg/L	1	6/24/2008
Nitrobenzene	ND	50		µg/L	1	6/24/2008
2-Nitrophenol	ND	50		µg/L	1	6/24/2008
4-Nitrophenol	ND	50		µg/L	1	6/24/2008
Pentachlorophenol	ND	100		µg/L	1	6/24/2008
Phenanthrene	160	50		µg/L	1	6/24/2008
Phenol	17000	1000		µg/L	20	6/25/2008
Pyrene	ND	50		µg/L	1	6/24/2008
Pyridine	ND	50		µg/L	1	6/24/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	6/24/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	6/24/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	6/24/2008
Surr: 2,4,6-Tribromophenol	48.8	16.6-150		%REC	1	6/24/2008
Surr: 2-Fluorobiphenyl	49.7	19.6-134		%REC	1	6/24/2008
Surr: 2-Fluorophenol	37.0	9.54-113		%REC	1	6/24/2008
Surr: 4-Terphenyl-d14	48.2	22.7-145		%REC	1	6/24/2008
Surr: Nitrobenzene-d5	60.0	14.6-134		%REC	1	6/24/2008
Surr: Phenol-d5	24.6	10.7-80.3		%REC	1	6/24/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	840	100		µg/L	100	6/20/2008 3:35:21 AM
Toluene	1500	100		µg/L	100	6/20/2008 3:35:21 AM
Ethylbenzene	140	100		µg/L	100	6/20/2008 3:35:21 AM
Methyl tert-butyl ether (MTBE)	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2,4-Trimethylbenzene	260	100		µg/L	100	6/20/2008 3:35:21 AM
1,3,5-Trimethylbenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2-Dichloroethane (EDC)	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2-Dibromoethane (EDB)	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Naphthalene	290	200		µg/L	100	6/20/2008 3:35:21 AM
1-Methylnaphthalene	ND	400		µg/L	100	6/20/2008 3:35:21 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:15:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Methylnaphthalene	ND	400		µg/L	100	6/20/2008 3:35:21 AM
Acetone	17000	1000		µg/L	100	6/20/2008 3:35:21 AM
Bromobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Bromodichloromethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Bromoform	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Bromomethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
2-Butanone	2500	1000		µg/L	100	6/20/2008 3:35:21 AM
Carbon disulfide	ND	1000		µg/L	100	6/20/2008 3:35:21 AM
Carbon Tetrachloride	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Chlorobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Chloroethane	ND	200		µg/L	100	6/20/2008 3:35:21 AM
Chloroform	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Chloromethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
2-Chlorotoluene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
4-Chlorotoluene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
cis-1,2-DCE	ND	100		µg/L	100	6/20/2008 3:35:21 AM
cis-1,3-Dichloropropene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2-Dibromo-3-chloropropane	ND	200		µg/L	100	6/20/2008 3:35:21 AM
Dibromochloromethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Dibromomethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2-Dichlorobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,3-Dichlorobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,4-Dichlorobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Dichlorodifluoromethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,1-Dichloroethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,1-Dichloroethene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2-Dichloropropane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,3-Dichloropropane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
2,2-Dichloropropane	ND	200		µg/L	100	6/20/2008 3:35:21 AM
1,1-Dichloropropene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Hexachlorobutadiene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
2-Hexanone	ND	1000		µg/L	100	6/20/2008 3:35:21 AM
Isopropylbenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
4-Isopropyltoluene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
4-Methyl-2-pentanone	ND	1000		µg/L	100	6/20/2008 3:35:21 AM
Methylene Chloride	ND	300		µg/L	100	6/20/2008 3:35:21 AM
n-Butylbenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
n-Propylbenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
sec-Butylbenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Styrene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
tert-Butylbenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,1,1,2-Tetrachloroethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0806260	**Collection Date:**	6/17/2008 8:15:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,1,2,2-Tetrachloroethane	ND	200		µg/L	100	6/20/2008 3:35:21 AM
Tetrachloroethene (PCE)	ND	100		µg/L	100	6/20/2008 3:35:21 AM
trans-1,2-DCE	ND	100		µg/L	100	6/20/2008 3:35:21 AM
trans-1,3-Dichloropropene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2,3-Trichlorobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2,4-Trichlorobenzene	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,1,1-Trichloroethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,1,2-Trichloroethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Trichloroethene (TCE)	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Trichlorofluoromethane	ND	100		µg/L	100	6/20/2008 3:35:21 AM
1,2,3-Trichloropropane	ND	200		µg/L	100	6/20/2008 3:35:21 AM
Vinyl chloride	ND	100		µg/L	100	6/20/2008 3:35:21 AM
Xylenes, Total	890	150		µg/L	100	6/20/2008 3:35:21 AM
Surr: 1,2-Dichloroethane-d4	89.8	68.1-123		%REC	100	6/20/2008 3:35:21 AM
Surr: 4-Bromofluorobenzene	100	53.2-145		%REC	100	6/20/2008 3:35:21 AM
Surr: Dibromofluoromethane	92.9	68.5-119		%REC	100	6/20/2008 3:35:21 AM
Surr: Toluene-d8	99.9	64-131		%REC	100	6/20/2008 3:35:21 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	4600	0.010		µmhos/cm	1	6/19/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	9.07	0.1		pH units	1	6/19/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *14-Jul-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-2 Boiler Water
Lab Order:	0806260	**Collection Date:**	6/17/2008 9:00:00 AM
Project:	OCD Quarterly Water Samples 2 QTR 2008	**Date Received:**	6/17/2008
Lab ID:	0806260-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.3	0.10		mg/L	1	6/19/2008 1:49:07 AM
Chloride	67	1.0		mg/L	10	6/19/2008 2:06:32 AM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	6/19/2008 1:49:07 AM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	6/19/2008 2:06:32 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	6/19/2008 1:49:07 AM
Sulfate	2600	25		mg/L	50	6/23/2008 11:32:56 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	6/25/2008 1:03:32 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.10		mg/L	5	6/30/2008 7:04:06 PM
Barium	ND	0.050		mg/L	5	6/30/2008 4:15:01 PM
Cadmium	ND	0.010		mg/L	5	6/30/2008 7:04:06 PM
Calcium	1.9	0.50		mg/L	1	6/27/2008 3:26:55 PM
Chromium	ND	0.030		mg/L	5	6/30/2008 4:15:01 PM
Copper	ND	0.030		mg/L	5	6/30/2008 4:15:01 PM
Iron	ND	0.050		mg/L	1	6/27/2008 3:26:55 PM
Lead	ND	0.025		mg/L	5	6/30/2008 7:04:06 PM
Magnesium	ND	0.50		mg/L	1	6/27/2008 3:26:55 PM
Manganese	ND	0.010		mg/L	5	6/30/2008 4:15:01 PM
Potassium	15	5.0		mg/L	5	7/8/2008 3:23:25 PM
Selenium	ND	0.25		mg/L	5	6/30/2008 4:15:01 PM
Silver	ND	0.025		mg/L	5	6/30/2008 4:15:01 PM
Sodium	1900	25		mg/L	50	6/30/2008 3:26:37 PM
Uranium	ND	0.50		mg/L	5	6/30/2008 4:15:01 PM
Zinc	ND	0.10		mg/L	5	6/30/2008 7:04:06 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	6500	0.010		µmhos/cm	1	6/19/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.90	0.1		pH units	1	6/19/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0806260
Order: 08060477 HAL03 Receipt: 06-18-08

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0806260-02D EP-1* Collected: *06-17-08 8:45:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060477-001A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
WCOD-08-025	WC.2008.1642.17	C-004	Chemical Oxygen Demand	2650	mg/L	10	10		06-30-08	07-01-08

Sample: *0806260-02E EP-1* Collected: *06-17-08 8:45:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060477-002A		EPA 405.1 Biochemical Oxygen Demand						By: MJN		
BOD08069	WC.2008.1542.18	10-26-4	Biochemical Oxygen Demand	294	mg/L	1	4		06-18-08	06-23-08

Sample: *0806260-03C PILOT EFFLUENT* Collected: *06-17-08 8:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060477-003A		EPA 410.1 Chemical Oxygen Demand						By: MRA		
WCOD-08-025	WC.2008.1642.18	C-004	Chemical Oxygen Demand	699	mg/L	1	10		06-30-08	07-01-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0806260**
Order: **08060477** **HAL03** Receipt: **06-18-08**

Sample: ***0806260-03D PILOT EFFUENT*** Collected: *06-17-08 8:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08060477-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: MJN		
BOD08069	WC.2008.1542.17	10-26-4	Biochemical Oxygen Demand	399	mg/L	1	4		06-18-08	06-23-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Benchmark Analytics, Inc.

4777 Saucon Creek Road
Center Valley, PA 18034
Phone: (610) 974-8100
Fax: (610) 974-8104

Work Order: 08063008

SEND DATA TO:

NAME: Andy Freeman
COMPANY: Hall Environmental Analysis Lab, Inc.
ADDRESS: 4901 Hawkins NE#D
Albuquerque, NM 87109-4372

PHONE: (505) 345-3975
FAX: (505) 345-4107

WO#: 08063008
PAGE: 1 of 1
PO#:
PWS ID#

TEST REPORT

0806260

RECEIVED FOR LAB BY: TJM DATE: 06/20/2008 9:30

SAMPLE: **0806260-01C, AL-2 to EP-1** Lab ID: 08063008-001A Grab
SAMPLED BY: Client Sample Time: 06/17/2008 8:30

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	0.71 µg/L	EPA 200.8	30	06/25/08 11:00	06/30/08	JRA-CV
Uranium	0.48 pCi/L	EPA 200.8		06/25/08 11:00	06/30/08	JRA-CV

SAMPLE: **0806260-03E, Pilot Effluent** Lab ID: 08063008-002A Grab
SAMPLED BY: Client Sample Time: 06/17/2008 8:00

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	0.90 µg/L	EPA 200.8	30	06/25/08 11:00	06/30/08	JRA-CV
Uranium	0.60 pCi/L	EPA 200.8		06/25/08 11:00	06/30/08	JRA-CV

SAMPLE: **0806260-04E, NAPIS Effluent** Lab ID: 08063008-003A Grab
SAMPLED BY: Client Sample Time: 06/17/2008 8:15

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	< 0.63 µg/L	EPA 200.8	30	06/25/08 11:00	06/30/08	JRA-CV
Uranium	< 0.43 pCi/L	EPA 200.8		06/25/08 11:00	06/30/08	JRA-CV

REMARKS:
The above test procedures meet all the requirements of NELAC and relate only to these samples.
* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

MANAGER Stephanie Olyon 18 DATE: 7/1/2008

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R28975**		Analysis Date:	6/18/2008 9:34:11 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R29050**		Analysis Date:	6/23/2008 9:31:03 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R28975**		Analysis Date:	6/18/2008 9:51:36 AM	
Fluoride	0.5113	mg/L	0.10	102	90	110			
Chloride	5.173	mg/L	0.10	103	90	110			
Nitrogen, Nitrite (As N)	1.017	mg/L	0.10	102	90	110			
Nitrogen, Nitrate (As N)	2.659	mg/L	0.10	106	90	110			
Phosphorus, Orthophosphate (As P)	5.272	mg/L	0.50	105	90	110			
Sulfate	10.52	mg/L	0.50	105	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29050**		Analysis Date:	6/23/2008 9:48:28 AM	
Fluoride	0.5056	mg/L	0.10	101	90	110			
Chloride	5.056	mg/L	0.10	101	90	110			
Nitrogen, Nitrite (As N)	0.9889	mg/L	0.10	98.9	90	110			
Nitrogen, Nitrate (As N)	2.572	mg/L	0.10	103	90	110			
Phosphorus, Orthophosphate (As P)	5.053	mg/L	0.50	101	90	110			
Sulfate	10.37	mg/L	0.50	104	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-16247		*MBLK*			Batch ID: **16247**		Analysis Date:	6/19/2008 11:28:41 AM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-16247		*LCS*			Batch ID: **16247**		Analysis Date:	6/19/2008 12:03:04 PM	
Diesel Range Organics (DRO)	4.366	mg/L	1.0	87.3	74	157			
Sample ID: LCSD-16247		*LCSD*			Batch ID: **16247**		Analysis Date:	6/19/2008 12:37:47 PM	
Diesel Range Organics (DRO)	4.097	mg/L	1.0	81.9	74	157	6.36	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R29125**		Analysis Date:	6/27/2008 9:12:30 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCSD		*LCS*			Batch ID: **R29125**		Analysis Date:	6/28/2008 2:10:27 PM	
Gasoline Range Organics (GRO)	0.4808	mg/L	0.050	96.2	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16293		*MBLK*			Batch ID: **16293**		Analysis Date:		6/24/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
[redacted]azole	ND	µg/L	10						
[redacted]loro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	10						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	10						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

[redacted]alifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16293		*MBLK*			Batch ID: **16293**		Analysis Date:		6/24/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
[redacted]tachlorophenol	ND	µg/L	20						
[redacted]nanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16293		*LCS*			Batch ID: **16293**		Analysis Date:		6/24/2008
Acenaphthene	53.86	µg/L	10	53.9	11	123			
4-Chloro-3-methylphenol	96.72	µg/L	10	48.4	15.4	119			
2-Chlorophenol	99.48	µg/L	10	49.7	12.2	122			
1,4-Dichlorobenzene	41.84	µg/L	10	41.8	16.9	100			
2,4-Dinitrotoluene	52.38	µg/L	10	52.4	13	138			
N-Nitrosodi-n-propylamine	49.10	µg/L	10	49.1	9.93	122			
4-Nitrophenol	63.24	µg/L	10	31.6	12.5	87.4			
Pentachlorophenol	124.1	µg/L	20	62.0	3.55	114			
Phenol	55.54	µg/L	10	27.8	7.53	73.1			
Pyrene	47.84	µg/L	10	47.8	12.6	140			
1,2,4-Trichlorobenzene	40.42	µg/L	10	40.4	17.4	98.7			
Sample ID: lcsd-16293		*LCSD*			Batch ID: **16293**		Analysis Date:		6/24/2008
Acenaphthene	59.76	µg/L	10	59.8	11	123	10.4	30.5	
4-Chloro-3-methylphenol	99.84	µg/L	10	49.9	15.4	119	3.17	28.6	
2-Chlorophenol	99.40	µg/L	10	49.7	12.2	122	0.0805	107	
1,4-Dichlorobenzene	41.78	µg/L	10	41.8	16.9	100	0.144	62.1	
[redacted]-Dinitrotoluene	60.14	µg/L	10	60.1	13	138	13.8	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16293		*LCSD*			Batch ID:	**16293**	Analysis Date:		6/24/2008
N-Nitrosodi-n-propylamine	50.10	µg/L	10	50.1	9.93	122	2.02	30.3	
4-Nitrophenol	75.54	µg/L	10	37.8	12.5	87.4	17.7	36.3	
Pentachlorophenol	134.6	µg/L	20	67.3	3.55	114	8.10	49	
Phenol	57.06	µg/L	10	28.5	7.53	73.1	2.70	52.4	
Pyrene	51.66	µg/L	10	51.7	12.6	140	7.68	16.3	
1,2,4-Trichlorobenzene	40.52	µg/L	10	40.5	17.4	98.7	0.247	36.4	
Method: EPA Method 7470: Mercury									
Sample ID: MB-16322		*MBLK*			Batch ID:	**16322**	Analysis Date:		6/25/2008 12:36:56 PM
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-16322		*LCS*			Batch ID:	**16322**	Analysis Date:		6/25/2008 12:38:39 PM
Mercury	0.005016	mg/L	0.00020	100	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

ent: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: 0806260-05BMSD		*MSD*			Batch ID:	**16277**	Analysis Date:		6/27/2008 3:48:27 PM
Calcium	48.52	mg/L	0.50	93.3	75	125	0.933	20	
Iron	0.4618	mg/L	0.050	92.4	75	125	3.28	20	
Magnesium	48.02	mg/L	0.50	95.5	75	125	0.749	20	
Sample ID: 0806260-05BMSD		*MSD*			Batch ID:	**16277**	Analysis Date:		6/30/2008 4:55:23 PM
Barium	0.5051	mg/L	0.050	101	75	125	2.32	20	
Copper	0.5065	mg/L	0.030	101	75	125	0.716	20	
Manganese	0.5042	mg/L	0.010	101	75	125	0.0567	20	
Silver	0.5074	mg/L	0.025	101	75	125	0.261	20	
Zinc	0.5383	mg/L	0.10	108	75	125	2.21	20	
Sample ID: 0806260-05BMSD		*MSD*			Batch ID:	**16277**	Analysis Date:		6/30/2008 7:15:53 PM
Arsenic	0.5753	mg/L	0.10	115	75	125	3.96	20	
Cadmium	0.5026	mg/L	0.010	101	75	125	1.95	20	
Chromium	0.4789	mg/L	0.030	95.8	75	125	0.751	20	
Lead	0.4707	mg/L	0.025	94.1	75	125	1.01	20	
Selenium	0.4224	mg/L	0.25	84.5	75	125	7.67	20	
Uranium	ND	mg/L	0.50	98.9	75	125	0	20	
Sample ID: 0806260-05BMSD		*MSD*			Batch ID:	**16277**	Analysis Date:		7/8/2008 3:45:56 PM
Potassium	68.35	mg/L	5.0	106	75	125	2.07	20	
Sample ID: MB-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:		6/23/2008 2:14:35 PM
Iron	ND	mg/L	0.050						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:		6/25/2008 3:27:51 PM
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Uranium	ND	mg/L	0.10						
Zinc	ND	mg/L	0.020						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:		6/26/2008 5:08:50 PM
Iron	ND	mg/L	0.050						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:		6/27/2008 1:24:05 PM
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						

ifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/27/2008 1:24:05 PM	
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Uranium	ND	mg/L	0.10						
Zinc	ND	mg/L	0.020						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	6/30/2008 2:45:45 PM	
Sodium	ND	mg/L	0.50						
Sample ID: MBLK-16277		*MBLK*			Batch ID:	**16277**	Analysis Date:	7/8/2008 3:49:54 PM	
Potassium	ND	mg/L	1.0						
Sample ID: LCS-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/23/2008 2:16:25 PM	
	0.4720	mg/L	0.050	94.4	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/25/2008 3:33:36 PM	
Arsenic	0.4874	mg/L	0.020	97.5	80	120			
Barium	0.4479	mg/L	0.010	89.6	80	120			
Cadmium	0.4562	mg/L	0.0020	91.2	80	120			
Calcium	47.91	mg/L	0.50	95.8	80	120			
Chromium	0.4628	mg/L	0.0060	92.6	80	120			
Copper	0.4511	mg/L	0.0060	90.2	80	120			
Iron	0.4364	mg/L	0.050	87.3	80	120			
Lead	0.4563	mg/L	0.0050	91.3	80	120			
Magnesium	47.74	mg/L	0.50	95.5	80	120			
Manganese	0.4460	mg/L	0.0020	89.2	80	120			
Potassium	51.02	mg/L	1.0	102	80	120			
Selenium	0.4540	mg/L	0.050	90.8	80	120			
Silver	0.4547	mg/L	0.0050	90.9	80	120			
Sodium	50.61	mg/L	0.50	101	80	120			
Uranium	0.4752	mg/L	0.10	95.0	80	120			
Zinc	0.4534	mg/L	0.020	90.7	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/26/2008 5:13:58 PM	
Iron	0.4614	mg/L	0.050	92.3	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/27/2008 1:27:05 PM	
Arsenic	0.4687	mg/L	0.020	93.7	80	120			
Barium	0.4595	mg/L	0.010	91.9	80	120			
Cadmium	0.4656	mg/L	0.0020	93.1	80	120			
Calcium	47.52	mg/L	0.50	95.0	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/27/2008 1:27:05 PM	
Chromium	0.4626	mg/L	0.0060	92.5	80	120			
Copper	0.4819	mg/L	0.0060	96.4	80	120			
Iron	0.4513	mg/L	0.050	90.3	80	120			
Lead	0.4516	mg/L	0.0050	90.3	80	120			
Magnesium	48.47	mg/L	0.50	96.9	80	120			
Manganese	0.4593	mg/L	0.0020	91.9	80	120			
Selenium	0.4611	mg/L	0.050	92.2	80	120			
Silver	0.4727	mg/L	0.0050	94.5	80	120			
Sodium	51.31	mg/L	0.50	103	80	120			
Uranium	0.5153	mg/L	0.10	103	80	120			
Zinc	0.4409	mg/L	0.020	88.2	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	6/30/2008 2:47:57 PM	
Sodium	52.61	mg/L	0.50	105	80	120			
Sample ID: LCS1-16277		*LCS*			Batch ID:	**16277**	Analysis Date:	7/8/2008 3:51:33 PM	
Potassium	52.86	mg/L	1.0	106	80	120			
Sample ID: 0806260-05BMS		*MS*			Batch ID:	**16277**	Analysis Date:	6/27/2008 3:44:14 PM	
Calcium	48.97	mg/L	0.50	94.2	75	125			
[illegible]	0.4772	mg/L	0.050	95.4	75	125			
[illegible]esium	48.38	mg/L	0.50	96.2	75	125			
Sample ID: 0806260-05BMS		*MS*			Batch ID:	**16277**	Analysis Date:	6/30/2008 4:52:17 PM	
Barium	0.5169	mg/L	0.050	103	75	125			
Copper	0.5029	mg/L	0.030	101	75	125			
Manganese	0.5045	mg/L	0.010	101	75	125			
Silver	0.5061	mg/L	0.025	101	75	125			
Zinc	0.5504	mg/L	0.10	110	75	125			
Sample ID: 0806260-05BMS		*MS*			Batch ID:	**16277**	Analysis Date:	6/30/2008 7:13:20 PM	
Arsenic	0.5530	mg/L	0.10	111	75	125			
Cadmium	0.4929	mg/L	0.010	98.6	75	125			
Chromium	0.4753	mg/L	0.030	95.1	75	125			
Lead	0.4755	mg/L	0.025	95.1	75	125			
Selenium	0.4561	mg/L	0.25	91.2	75	125			
Uranium	ND	mg/L	0.50	98.1	75	125			
Sample ID: 0806260-05BMS		*MS*			Batch ID:	**16277**	Analysis Date:	7/8/2008 3:43:42 PM	
Potassium	66.95	mg/L	5.0	103	75	125			

[illegible]ifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			**Batch ID:** R28995		**Analysis Date:** 6/19/2008 8:54:12 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
[illegible]on Tetrachloride	ND	µg/L	1.0						
[illegible]robenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

[illegible]ifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R28995**		Analysis Date:	6/19/2008 8:54:12 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29026**		Analysis Date:	6/20/2008 8:32:36 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29026**		Analysis Date:	6/20/2008 8:32:36 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]chlorobutadiene	ND	µg/L	1.0						
[illegible]xanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29049**		Analysis Date:	6/23/2008 8:56:08 AM	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29049**		Analysis Date: 6/23/2008 8:56:08 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
[illegible]on Tetrachloride	ND	µg/L	1.0						
[illegible]robenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

[illegible]ifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29049**		Analysis Date:	6/23/2008 8:56:08 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
[illegible]-Trichloropropane	ND	µg/L	2.0						
[illegible] chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5mL rb		*MBLK*			Batch ID: **R29104**		Analysis Date:	6/26/2008 7:49:20 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5mL rb		*MBLK*			Batch ID: **R29104**		Analysis Date:	6/26/2008 7:49:20 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]chlorobutadiene	ND	µg/L	1.0						
[illegible]anone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R28995**		Analysis Date:	6/19/2008 9:52:08 AM	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: OCD Quarterly Water Samples 2 QTR 2008 **Work Order:** 0806260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R28995**	Analysis Date:	6/19/2008 9:52:08 AM	
Benzene	21.08	µg/L	1.0	105	86.8	120			
Toluene	20.29	µg/L	1.0	101	64.1	127			
Chlorobenzene	20.88	µg/L	1.0	104	82.4	113			
1,1-Dichloroethene	24.61	µg/L	1.0	123	86.5	132			
Trichloroethene (TCE)	18.71	µg/L	1.0	93.5	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29026**	Analysis Date:	6/20/2008 9:59:20 AM	
Benzene	20.52	µg/L	1.0	103	86.8	120			
Toluene	20.36	µg/L	1.0	102	64.1	127			
Chlorobenzene	20.39	µg/L	1.0	102	82.4	113			
1,1-Dichloroethene	23.17	µg/L	1.0	116	86.5	132			
Trichloroethene (TCE)	18.34	µg/L	1.0	91.7	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29049**	Analysis Date:	6/23/2008 10:22:30 AM	
Benzene	21.14	µg/L	1.0	106	86.8	120			
Toluene	20.02	µg/L	1.0	100	64.1	127			
Chlorobenzene	20.05	µg/L	1.0	100	82.4	113			
1,1-Dichloroethene	24.19	µg/L	1.0	121	86.5	132			
Trichloroethene (TCE)	20.33	µg/L	1.0	102	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29104**	Analysis Date:	6/26/2008 8:55:06 AM	
[redacted]ne	19.70	µg/L	1.0	98.5	86.8	120			
Toluene	18.02	µg/L	1.0	90.1	64.1	127			
Chlorobenzene	20.30	µg/L	1.0	102	82.4	113			
1,1-Dichloroethene	22.84	µg/L	1.0	114	86.5	132			
Trichloroethene (TCE)	17.90	µg/L	1.0	89.5	77.3	123			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 6/17/2008

Work Order Number 0806260 | Received by: AT

Checklist completed by: _____ 6/17/08 | Sample ID labels checked by: AS

Signature | Date | Initials

Matrix: | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	15°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Address: Route 3 Box 7
Gallup, NM 87301
Phone #: 505 722 3833
email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: OCD Quarterly water samples 2 QTR, 2008
Project #:
Project Manager: Ed Riege
Sampler: Cheryl Johnson
On Ice: ☒ Yes ☐ No
Sample Temperature: 4.5 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0806260	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDB (Method 8011) pH	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	W/QCC Total Metals	BOD-COD	Phenol by 8270	Gen. Chem	Air Bubbles (Y or N)
6-17-08	0830	AL-2 to EP-1			-1			X							X		X				
6-17-08	0845	EP-1			-2			X			X				X			X	+		
6-17-08	0800	Pilot Effluent			-3			X							X		X	X			
6-17-08	0815	NAPIS Effluent			-4			X							X	X	X			X	
6-17-08	0900	EP-2 Boiler Water			-5															X	

Date:	Time:	Relinquished by:	Received by:	Date:	Time:
6-17-08	1505	Steve Morris		6/17/08	1505
Date:	Time:	Relinquished by:	Received by:		

Remarks: Gen Chem = Cations, Anions, pH, + Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, August 06, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0807343

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 7/25/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 INLET
Lab Order:	0807343	**Collection Date:**	7/23/2008 12:10:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	7/25/2008
Lab ID:	0807343-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	50		µg/L	1	7/31/2008
Acenaphthylene	ND	50		µg/L	1	7/31/2008
Aniline	370	50		µg/L	1	7/31/2008
Anthracene	ND	50		µg/L	1	7/31/2008
Azobenzene	ND	50		µg/L	1	7/31/2008
Benz(a)anthracene	ND	50		µg/L	1	7/31/2008
Benzo(a)pyrene	ND	50		µg/L	1	7/31/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	7/31/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	7/31/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	7/31/2008
Benzoic acid	ND	100		µg/L	1	7/31/2008
Benzyl alcohol	ND	50		µg/L	1	7/31/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	7/31/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	7/31/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	7/31/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	7/31/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	7/31/2008
Butyl benzyl phthalate	ND	50		µg/L	1	7/31/2008
Carbazole	ND	50		µg/L	1	7/31/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/31/2008
4-Chloroaniline	ND	50		µg/L	1	7/31/2008
2-Chloronaphthalene	ND	50		µg/L	1	7/31/2008
2-Chlorophenol	ND	50		µg/L	1	7/31/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	7/31/2008
Chrysene	ND	50		µg/L	1	7/31/2008
Di-n-butyl phthalate	ND	50		µg/L	1	7/31/2008
Di-n-octyl phthalate	ND	50		µg/L	1	7/31/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	7/31/2008
Dibenzofuran	ND	50		µg/L	1	7/31/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	7/31/2008
Diethyl phthalate	ND	50		µg/L	1	7/31/2008
Dimethyl phthalate	ND	50		µg/L	1	7/31/2008
2,4-Dichlorophenol	ND	100		µg/L	1	7/31/2008
2,4-Dimethylphenol	64	50		µg/L	1	7/31/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	7/31/2008
2,4-Dinitrophenol	ND	100		µg/L	1	7/31/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	7/31/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	7/31/2008
Fluoranthene	ND	50		µg/L	1	7/31/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 INLET
Lab Order:	0807343	**Collection Date:**	7/23/2008 12:10:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	7/25/2008
Lab ID:	0807343-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Fluorene	ND	50		µg/L	1	7/31/2008
Hexachlorobenzene	ND	50		µg/L	1	7/31/2008
Hexachlorobutadiene	ND	50		µg/L	1	7/31/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	7/31/2008
Hexachloroethane	ND	50		µg/L	1	7/31/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	7/31/2008
Isophorone	ND	50		µg/L	1	7/31/2008
2-Methylnaphthalene	450	50		µg/L	1	7/31/2008
2-Methylphenol	1200	50		µg/L	1	7/31/2008
3+4-Methylphenol	1500	250		µg/L	5	7/31/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	7/31/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	7/31/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	7/31/2008
Naphthalene	300	50		µg/L	1	7/31/2008
2-Nitroaniline	ND	50		µg/L	1	7/31/2008
3-Nitroaniline	ND	50		µg/L	1	7/31/2008
4-Nitroaniline	ND	50		µg/L	1	7/31/2008
Nitrobenzene	ND	50		µg/L	1	7/31/2008
2-Nitrophenol	ND	50		µg/L	1	7/31/2008
4-Nitrophenol	ND	50		µg/L	1	7/31/2008
Pentachlorophenol	ND	100		µg/L	1	7/31/2008
Phenanthrene	82	50		µg/L	1	7/31/2008
Phenol	4000	250		µg/L	5	7/31/2008
Pyrene	ND	50		µg/L	1	7/31/2008
Pyridine	ND	50		µg/L	1	7/31/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	7/31/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/31/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/31/2008
Surr: 2,4,6-Tribromophenol	25.8	16.6-150		%REC	1	7/31/2008
Surr: 2-Fluorobiphenyl	56.5	19.6-134		%REC	1	7/31/2008
Surr: 2-Fluorophenol	32.7	9.54-113		%REC	1	7/31/2008
Surr: 4-Terphenyl-d14	63.8	22.7-145		%REC	1	7/31/2008
Surr: Nitrobenzene-d5	32.0	14.6-134		%REC	1	7/31/2008
Surr: Phenol-d5	33.9	10.7-80.3		%REC	1	7/31/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 INLET
Lab Order:	0807343	**Collection Date:**	7/23/2008 12:30:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	7/25/2008
Lab ID:	0807343-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	50		µg/L	1	7/31/2008
Acenaphthylene	ND	50		µg/L	1	7/31/2008
Aniline	130	50		µg/L	1	7/31/2008
Anthracene	ND	50		µg/L	1	7/31/2008
Azobenzene	ND	50		µg/L	1	7/31/2008
Benz(a)anthracene	ND	50		µg/L	1	7/31/2008
Benzo(a)pyrene	ND	50		µg/L	1	7/31/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	7/31/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	7/31/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	7/31/2008
Benzoic acid	150	100		µg/L	1	7/31/2008
Benzyl alcohol	ND	50		µg/L	1	7/31/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	7/31/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	7/31/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	7/31/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	7/31/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	7/31/2008
Butyl benzyl phthalate	ND	50		µg/L	1	7/31/2008
Carbazole	ND	50		µg/L	1	7/31/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/31/2008
4-Chloroaniline	ND	50		µg/L	1	7/31/2008
2-Chloronaphthalene	ND	50		µg/L	1	7/31/2008
2-Chlorophenol	ND	50		µg/L	1	7/31/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	7/31/2008
Chrysene	ND	50		µg/L	1	7/31/2008
Di-n-butyl phthalate	ND	50		µg/L	1	7/31/2008
Di-n-octyl phthalate	ND	50		µg/L	1	7/31/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	7/31/2008
Dibenzofuran	ND	50		µg/L	1	7/31/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	7/31/2008
Diethyl phthalate	ND	50		µg/L	1	7/31/2008
Dimethyl phthalate	ND	50		µg/L	1	7/31/2008
2,4-Dichlorophenol	ND	100		µg/L	1	7/31/2008
2,4-Dimethylphenol	110	50		µg/L	1	7/31/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	7/31/2008
2,4-Dinitrophenol	ND	100		µg/L	1	7/31/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	7/31/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	7/31/2008
Fluoranthene	ND	50		µg/L	1	7/31/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 INLET
Lab Order:	0807343	**Collection Date:**	7/23/2008 12:30:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	7/25/2008
Lab ID:	0807343-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Fluorene	ND	50		µg/L	1	7/31/2008
Hexachlorobenzene	ND	50		µg/L	1	7/31/2008
Hexachlorobutadiene	ND	50		µg/L	1	7/31/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	7/31/2008
Hexachloroethane	ND	50		µg/L	1	7/31/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	7/31/2008
Isophorone	ND	50		µg/L	1	7/31/2008
2-Methylnaphthalene	67	50		µg/L	1	7/31/2008
2-Methylphenol	1600	500		µg/L	10	7/31/2008
3+4-Methylphenol	2700	500		µg/L	10	7/31/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	7/31/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	7/31/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	7/31/2008
Naphthalene	ND	50		µg/L	1	7/31/2008
2-Nitroaniline	ND	50		µg/L	1	7/31/2008
3-Nitroaniline	ND	50		µg/L	1	7/31/2008
4-Nitroaniline	ND	50		µg/L	1	7/31/2008
Nitrobenzene	ND	50		µg/L	1	7/31/2008
2-Nitrophenol	ND	50		µg/L	1	7/31/2008
4-Nitrophenol	ND	50		µg/L	1	7/31/2008
Pentachlorophenol	ND	100		µg/L	1	7/31/2008
Phenanthrene	ND	50		µg/L	1	7/31/2008
Phenol	6300	500		µg/L	10	7/31/2008
Pyrene	ND	50		µg/L	1	7/31/2008
Pyridine	ND	50		µg/L	1	7/31/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	7/31/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/31/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/31/2008
Surr: 2,4,6-Tribromophenol	62.1	16.6-150		%REC	1	7/31/2008
Surr: 2-Fluorobiphenyl	55.1	19.6-134		%REC	1	7/31/2008
Surr: 2-Fluorophenol	53.1	9.54-113		%REC	1	7/31/2008
Surr: 4-Terphenyl-d14	64.0	22.7-145		%REC	1	7/31/2008
Surr: Nitrobenzene-d5	66.0	14.6-134		%REC	1	7/31/2008
Surr: Phenol-d5	39.7	10.7-80.3		%REC	1	7/31/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 INLET
Lab Order:	0807343	**Collection Date:**	7/23/2008 12:55:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	7/25/2008
Lab ID:	0807343-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	50		µg/L	1	7/31/2008
Acenaphthylene	ND	50		µg/L	1	7/31/2008
Aniline	120	50		µg/L	1	7/31/2008
Anthracene	ND	50		µg/L	1	7/31/2008
Azobenzene	ND	50		µg/L	1	7/31/2008
Benz(a)anthracene	ND	50		µg/L	1	7/31/2008
Benzo(a)pyrene	ND	50		µg/L	1	7/31/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	7/31/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	7/31/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	7/31/2008
Benzoic acid	ND	100		µg/L	1	7/31/2008
Benzyl alcohol	ND	50		µg/L	1	7/31/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	7/31/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	7/31/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	7/31/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	7/31/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	7/31/2008
Butyl benzyl phthalate	ND	50		µg/L	1	7/31/2008
Carbazole	ND	50		µg/L	1	7/31/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	7/31/2008
4-Chloroaniline	ND	50		µg/L	1	7/31/2008
2-Chloronaphthalene	ND	50		µg/L	1	7/31/2008
2-Chlorophenol	ND	50		µg/L	1	7/31/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	7/31/2008
Chrysene	ND	50		µg/L	1	7/31/2008
Di-n-butyl phthalate	ND	50		µg/L	1	7/31/2008
Di-n-octyl phthalate	ND	50		µg/L	1	7/31/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	7/31/2008
Dibenzofuran	ND	50		µg/L	1	7/31/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	7/31/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	7/31/2008
Diethyl phthalate	ND	50		µg/L	1	7/31/2008
Dimethyl phthalate	ND	50		µg/L	1	7/31/2008
2,4-Dichlorophenol	ND	100		µg/L	1	7/31/2008
2,4-Dimethylphenol	62	50		µg/L	1	7/31/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	7/31/2008
2,4-Dinitrophenol	ND	100		µg/L	1	7/31/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	7/31/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	7/31/2008
Fluoranthene	ND	50		µg/L	1	7/31/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 INLET
Lab Order:	0807343	**Collection Date:**	7/23/2008 12:55:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	7/25/2008
Lab ID:	0807343-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Fluorene	ND	50		µg/L	1	7/31/2008
Hexachlorobenzene	ND	50		µg/L	1	7/31/2008
Hexachlorobutadiene	ND	50		µg/L	1	7/31/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	7/31/2008
Hexachloroethane	ND	50		µg/L	1	7/31/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	7/31/2008
Isophorone	ND	50		µg/L	1	7/31/2008
2-Methylnaphthalene	130	50		µg/L	1	7/31/2008
2-Methylphenol	110	50		µg/L	1	7/31/2008
3+4-Methylphenol	110	50		µg/L	1	7/31/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	7/31/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	7/31/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	7/31/2008
Naphthalene	ND	50		µg/L	1	7/31/2008
2-Nitroaniline	ND	50		µg/L	1	7/31/2008
3-Nitroaniline	ND	50		µg/L	1	7/31/2008
4-Nitroaniline	ND	50		µg/L	1	7/31/2008
Nitrobenzene	ND	50		µg/L	1	7/31/2008
2-Nitrophenol	ND	50		µg/L	1	7/31/2008
4-Nitrophenol	ND	50		µg/L	1	7/31/2008
Pentachlorophenol	ND	100		µg/L	1	7/31/2008
Phenanthrene	120	50		µg/L	1	7/31/2008
Phenol	180	50		µg/L	1	7/31/2008
Pyrene	ND	50		µg/L	1	7/31/2008
Pyridine	ND	50		µg/L	1	7/31/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	7/31/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	7/31/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	7/31/2008
Surr: 2,4,6-Tribromophenol	54.5	16.6-150		%REC	1	7/31/2008
Surr: 2-Fluorobiphenyl	54.2	19.6-134		%REC	1	7/31/2008
Surr: 2-Fluorophenol	41.0	9.54-113		%REC	1	7/31/2008
Surr: 4-Terphenyl-d14	59.6	22.7-145		%REC	1	7/31/2008
Surr: Nitrobenzene-d5	50.5	14.6-134		%REC	1	7/31/2008
Surr: Phenol-d5	29.5	10.7-80.3		%REC	1	7/31/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0807343
Order: 08070685 HAL03 Receipt: 07-25-08

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0807343-01B AL-1 INLET* Collected: *07-23-08 12:10:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08070685-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08028	WC.2008.1925.18	C-004	Chemical Oxygen Demand	634	mg/L	1	10		08-01-08	08-01-08

Sample: *0807343-01C AL-1 INLET* Collected: *07-23-08 12:10:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08070685-002A		EPA 405.1 Biochemical Oxygen Demand						By: ECC		
WBOD08085	WC.2008.1921.17	10-26-4	Biochemical Oxygen Demand	334	mg/L	1	4	1	07-25-08	07-30-08

Sample: *0807343-02B AL-2 INLET* Collected: *07-23-08 12:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08070685-003A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08028	WC.2008.1925.17	C-004	Chemical Oxygen Demand	439	mg/L	1	10		08-01-08	08-01-08

Report Date: 8/6/2008 3:43:07 PM

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0807343**
Order: **08070685 HAL03** Receipt: **07-25-08**

Sample: ***0807343-02C AL-2 INLET*** Collected: *07-23-08 12:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08070685-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: ECC		
WBOD08085	WC.2008.1921.18	10-26-4	Biochemical Oxygen Demand	266	mg/L	1	4	1	07-25-08	07-30-08

Sample: ***0807343-03B EP-1-INLET*** Collected: *07-23-08 12:55:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08070685-005A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08028	WC.2008.1925.18	C-004	Chemical Oxygen Demand	658	mg/L	1	10		08-01-08	08-01-08

Sample: ***0807343-03C EP-1-INLET*** Collected: *07-23-08 12:55:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08070685-006A		**EPA 405.1 Biochemical Oxygen Demand**						By: ECC		
WBOD08085	WC.2008.1921.19	10-26-4	Biochemical Oxygen Demand	285	mg/L	1	4	1	07-25-08	07-30-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

1 The Laboratory Control Spike recovery for the Biochemical Oxygen Demand (BOD) batch of samples, analyzed for this work order, was 67.9%. This recovery is below the QC acceptance limits of 84.6-115.4% and is most likely due to a mispike. The LCSD is within the QC limits at 94.7%, all results are valid as calculated.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0807343

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16606		*MBLK*			Batch ID: 16606		Analysis Date:		7/31/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
4-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0807343

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16606		*MBLK*			Batch ID: **16606**		Analysis Date:		7/31/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16606		*LCS*			Batch ID: **16606**		Analysis Date:		7/31/2008
Acenaphthene	45.00	µg/L	10	45.0	11	123			
4-Chloro-3-methylphenol	92.68	µg/L	10	46.3	15.4	119			
2-Chlorophenol	95.76	µg/L	10	47.9	12.2	122			
1,4-Dichlorobenzene	35.02	µg/L	10	35.0	16.9	100			
2,4-Dinitrotoluene	46.74	µg/L	10	46.7	13	138			
N-Nitrosodi-n-propylamine	51.32	µg/L	10	51.3	9.93	122			
4-Nitrophenol	60.72	µg/L	10	30.4	12.5	87.4			
Pentachlorophenol	109.8	µg/L	20	54.9	3.55	114			
Phenol	55.08	µg/L	10	27.5	7.53	73.1			
Pyrene	46.12	µg/L	10	46.1	12.6	140			
1,2,4-Trichlorobenzene	34.56	µg/L	10	34.6	17.4	98.7			
Sample ID: lcsd-16606		*LCSD*			Batch ID: **16606**		Analysis Date:		7/31/2008
Acenaphthene	48.48	µg/L	10	48.5	11	123	7.45	30.5	
4-Chloro-3-methylphenol	100.1	µg/L	10	50.0	15.4	119	7.70	28.6	
2-Chlorophenol	100.5	µg/L	10	50.2	12.2	122	4.79	107	
1,4-Dichlorobenzene	35.92	µg/L	10	35.9	16.9	100	2.54	62.1	
2,4-Dinitrotoluene	47.80	µg/L	10	47.8	13	138	2.24	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0807343

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16606		*LCSD*			Batch ID:	**16606**	Analysis Date:		7/31/2008
N-Nitrosodi-n-propylamine	52.76	µg/L	10	52.8	9.93	122	2.77	30.3	
4-Nitrophenol	64.34	µg/L	10	32.2	12.5	87.4	5.79	36.3	
Pentachlorophenol	115.8	µg/L	20	57.9	3.55	114	5.34	49	
Phenol	57.08	µg/L	10	28.5	7.53	73.1	3.57	52.4	
Pyrene	48.24	µg/L	10	48.2	12.6	140	4.49	16.3	
1,2,4-Trichlorobenzene	37.00	µg/L	10	37.0	17.4	98.7	6.82	36.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 7/25/2008

Work Order Number 0807343 | Received by: TLS

Sample ID labels checked by: _____ Initials

Checklist completed by: _____ Signature _____ July 25, 08 Date

Matrix: | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	3°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN Refining
Gallup Refinery
Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3227
email or Fax#: 505 722 3833
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: AL-1, AL-2 EP-1
Project #:
Project Manager: GAURAV RAJEN
Sampler: A. Dorsey
On Ice: Yes No
Sample Temperature: 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0807343
07/23/08	1210	AL-1 INLET	1/1000 mL		1
07/23/08	1210	AL-1 INLET	1/500 mL	H_2SO_4	1
07/23/08	1210	AL-1 INLET	1/LITER		1
07/23/08	1230	AL-2 INLET	1/1000mL		2
07/23/08	1230	AL-2 INLET	1/500mL	H_2SO_4	2
07/23/08	1230	AL-2 INLET	1/LITER		2
07/23/08	1255	EP-1 INLET	1/1000 ml		3
07/23/08	1255	EP-1 INLET	1/500 ml	H_2SO_4	3
07/23/08	1255	EP-1 INLET	1/LITER		3

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
											X				
												X			
													X		
											X				
												X			
													X		
											X				
												X			
													X		

Date	Time	Relinquished by:	Received by:
07/24/08			7/25/08
			837

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

BW-1C, 2A, 2B, 2C, 3B, 3C

COVER LETTER

Wednesday, August 27, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 Annual Groundwater Event

Order No.: 0808012

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 7 sample(s) on 8/1/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-1C
Lab Order:	0808012	**Collection Date:**	7/31/2008 8:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	2.4	0.10		mg/L	1	8/1/2008 9:47:26 PM
Chloride	35	0.10		mg/L	1	8/1/2008 9:47:26 PM
Bromide	ND	0.10		mg/L	1	8/1/2008 9:47:26 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/4/2008 1:10:49 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/1/2008 9:47:26 PM
Sulfate	260	5.0		mg/L	10	8/1/2008 10:04:51 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/8/2008 3:28:48 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/8/2008 1:52:22 PM
Barium	0.016	0.010		mg/L	1	8/8/2008 1:52:22 PM
Cadmium	ND	0.0020		mg/L	1	8/8/2008 1:52:22 PM
Calcium	3.0	0.50		mg/L	1	8/8/2008 1:52:22 PM
Chromium	ND	0.0060		mg/L	1	8/8/2008 1:52:22 PM
Copper	ND	0.0060		mg/L	1	8/8/2008 1:52:22 PM
Iron	ND	0.050		mg/L	1	8/8/2008 1:52:22 PM
Lead	ND	0.0050		mg/L	1	8/8/2008 1:52:22 PM
Magnesium	0.62	0.50		mg/L	1	8/8/2008 1:52:22 PM
Manganese	0.013	0.0020		mg/L	1	8/8/2008 1:52:22 PM
Potassium	ND	1.0		mg/L	1	8/8/2008 1:52:22 PM
Selenium	ND	0.050		mg/L	1	8/8/2008 1:52:22 PM
Silver	ND	0.0050		mg/L	1	8/8/2008 1:52:22 PM
Sodium	310	2.5		mg/L	5	8/8/2008 4:09:59 PM
Zinc	ND	0.020		mg/L	1	8/8/2008 1:52:22 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	8/6/2008
Acenaphthylene	ND	10		µg/L	1	8/6/2008
Aniline	ND	10		µg/L	1	8/6/2008
Anthracene	ND	10		µg/L	1	8/6/2008
Azobenzene	ND	10		µg/L	1	8/6/2008
Benz(a)anthracene	ND	10		µg/L	1	8/6/2008
Benzo(a)pyrene	ND	10		µg/L	1	8/6/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/6/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzoic acid	ND	20		µg/L	1	8/6/2008
Benzyl alcohol	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-1C
Lab Order:	0808012	**Collection Date:**	7/31/2008 8:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/6/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	8/6/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Butyl benzyl phthalate	ND	10		µg/L	1	8/6/2008
Carbazole	ND	10		µg/L	1	8/6/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/6/2008
4-Chloroaniline	ND	10		µg/L	1	8/6/2008
2-Chloronaphthalene	ND	10		µg/L	1	8/6/2008
2-Chlorophenol	ND	10		µg/L	1	8/6/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Chrysene	ND	10		µg/L	1	8/6/2008
Di-n-butyl phthalate	ND	10		µg/L	1	8/6/2008
Di-n-octyl phthalate	ND	10		µg/L	1	8/6/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/6/2008
Dibenzofuran	ND	10		µg/L	1	8/6/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/6/2008
Diethyl phthalate	ND	10		µg/L	1	8/6/2008
Dimethyl phthalate	ND	10		µg/L	1	8/6/2008
2,4-Dichlorophenol	ND	20		µg/L	1	8/6/2008
2,4-Dimethylphenol	ND	10		µg/L	1	8/6/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrophenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
Fluoranthene	ND	10		µg/L	1	8/6/2008
Fluorene	ND	10		µg/L	1	8/6/2008
Hexachlorobenzene	ND	10		µg/L	1	8/6/2008
Hexachlorobutadiene	ND	10		µg/L	1	8/6/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/6/2008
Hexachloroethane	ND	10		µg/L	1	8/6/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/6/2008
Isophorone	ND	10		µg/L	1	8/6/2008
2-Methylnaphthalene	ND	10		µg/L	1	8/6/2008
2-Methylphenol	ND	10		µg/L	1	8/6/2008
3+4-Methylphenol	ND	10		µg/L	1	8/6/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/6/2008
Naphthalene	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-1C
Lab Order:	0808012	**Collection Date:**	7/31/2008 8:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
2-Nitroaniline	ND	10		µg/L	1	8/6/2008
3-Nitroaniline	ND	10		µg/L	1	8/6/2008
4-Nitroaniline	ND	10		µg/L	1	8/6/2008
Nitrobenzene	ND	10		µg/L	1	8/6/2008
2-Nitrophenol	ND	10		µg/L	1	8/6/2008
4-Nitrophenol	ND	10		µg/L	1	8/6/2008
Pentachlorophenol	ND	20		µg/L	1	8/6/2008
Phenanthrene	ND	10		µg/L	1	8/6/2008
Phenol	ND	10		µg/L	1	8/6/2008
Pyrene	ND	10		µg/L	1	8/6/2008
Pyridine	ND	10		µg/L	1	8/6/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/6/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/6/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/6/2008
Surr: 2,4,6-Tribromophenol	53.6	16.6-150		%REC	1	8/6/2008
Surr: 2-Fluorobiphenyl	55.5	19.6-134		%REC	1	8/6/2008
Surr: 2-Fluorophenol	42.8	9.54-113		%REC	1	8/6/2008
Surr: 4-Terphenyl-d14	64.6	22.7-145		%REC	1	8/6/2008
Surr: Nitrobenzene-d5	47.8	14.6-134		%REC	1	8/6/2008
Surr: Phenol-d5	28.2	10.7-80.3		%REC	1	8/6/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L /1000 → mg/L	1	8/5/2008 3:37:29 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 3:37:29 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 3:37:29 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 3:37:29 AM
Acetone	ND	10		µg/L	1	8/5/2008 3:37:29 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 3:37:29 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 3:37:29 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-1C
Lab Order:	0808012	**Collection Date:**	7/31/2008 8:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Chloroethane	ND	2.0		µg/L	1	8/5/2008 3:37:29 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 3:37:29 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 3:37:29 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 3:37:29 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 3:37:29 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 3:37:29 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 3:37:29 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-1C
Lab Order:	0808012	**Collection Date:**	7/31/2008 8:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 3:37:29 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 3:37:29 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 3:37:29 AM
Surr: 1,2-Dichloroethane-d4	97.4	68.1-123		%REC	1	8/5/2008 3:37:29 AM
Surr: 4-Bromofluorobenzene	98.9	53.2-145		%REC	1	8/5/2008 3:37:29 AM
Surr: Dibromofluoromethane	99.7	68.5-119		%REC	1	8/5/2008 3:37:29 AM
Surr: Toluene-d8	95.2	64-131		%REC	1	8/5/2008 3:37:29 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1400	0.010		µmhos/cm	1	8/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.68	0.1		pH units	1	8/4/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2A
Lab Order:	0808012	**Collection Date:**	7/30/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.1	0.10		mg/L	1	8/1/2008 10:22:16 PM
Chloride	40	0.10		mg/L	1	8/1/2008 10:22:16 PM
Bromide	0.43	0.10		mg/L	1	8/1/2008 10:22:16 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/4/2008 1:28:13 PM
Phosphorus, Orthophosphate (As P)	0.75	0.50	H	mg/L	1	8/1/2008 10:22:16 PM
Sulfate	7.3	0.50		mg/L	1	8/1/2008 10:22:16 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/8/2008 3:30:38 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/8/2008 1:56:35 PM
Barium	0.14	0.010		mg/L	1	8/8/2008 1:56:35 PM
Cadmium	ND	0.0020		mg/L	1	8/8/2008 1:56:35 PM
Calcium	8.6	0.50		mg/L	1	8/8/2008 1:56:35 PM
Chromium	ND	0.0060		mg/L	1	8/8/2008 1:56:35 PM
Copper	ND	0.0060		mg/L	1	8/8/2008 1:56:35 PM
Iron	0.37	0.050		mg/L	1	8/8/2008 1:56:35 PM
Lead	ND	0.0050		mg/L	1	8/8/2008 1:56:35 PM
Magnesium	3.2	0.50		mg/L	1	8/8/2008 1:56:35 PM
Manganese	0.14	0.0020		mg/L	1	8/8/2008 1:56:35 PM
Potassium	ND	1.0		mg/L	1	8/8/2008 1:56:35 PM
Selenium	ND	0.050		mg/L	1	8/8/2008 1:56:35 PM
Silver	ND	0.0050		mg/L	1	8/8/2008 1:56:35 PM
Sodium	320	2.5		mg/L	5	8/8/2008 4:12:44 PM
Zinc	ND	0.020		mg/L	1	8/8/2008 1:56:35 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	8/6/2008
Acenaphthylene	ND	10		µg/L	1	8/6/2008
Aniline	ND	10		µg/L	1	8/6/2008
Anthracene	ND	10		µg/L	1	8/6/2008
Azobenzene	ND	10		µg/L	1	8/6/2008
Benz(a)anthracene	ND	10		µg/L	1	8/6/2008
Benzo(a)pyrene	ND	10		µg/L	1	8/6/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/6/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzoic acid	ND	20		µg/L	1	8/6/2008
Benzyl alcohol	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/6/2008

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2A
Lab Order:	0808012	**Collection Date:**	7/30/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/6/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	8/6/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Butyl benzyl phthalate	ND	10		µg/L	1	8/6/2008
Carbazole	ND	10		µg/L	1	8/6/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/6/2008
4-Chloroaniline	ND	10		µg/L	1	8/6/2008
2-Chloronaphthalene	ND	10		µg/L	1	8/6/2008
2-Chlorophenol	ND	10		µg/L	1	8/6/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Chrysene	ND	10		µg/L	1	8/6/2008
Di-n-butyl phthalate	ND	10		µg/L	1	8/6/2008
Di-n-octyl phthalate	ND	10		µg/L	1	8/6/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/6/2008
Dibenzofuran	ND	10		µg/L	1	8/6/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/6/2008
Diethyl phthalate	ND	10		µg/L	1	8/6/2008
Dimethyl phthalate	ND	10		µg/L	1	8/6/2008
2,4-Dichlorophenol	ND	20		µg/L	1	8/6/2008
2,4-Dimethylphenol	ND	10		µg/L	1	8/6/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrophenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
Fluoranthene	ND	10		µg/L	1	8/6/2008
Fluorene	ND	10		µg/L	1	8/6/2008
Hexachlorobenzene	ND	10		µg/L	1	8/6/2008
Hexachlorobutadiene	ND	10		µg/L	1	8/6/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/6/2008
Hexachloroethane	ND	10		µg/L	1	8/6/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/6/2008
Isophorone	ND	10		µg/L	1	8/6/2008
2-Methylnaphthalene	ND	10		µg/L	1	8/6/2008
2-Methylphenol	ND	10		µg/L	1	8/6/2008
3+4-Methylphenol	ND	10		µg/L	1	8/6/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/6/2008
Naphthalene	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2A
Lab Order:	0808012	**Collection Date:**	7/30/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
2-Nitroaniline	ND	10		µg/L	1	8/6/2008
3-Nitroaniline	ND	10		µg/L	1	8/6/2008
4-Nitroaniline	ND	10		µg/L	1	8/6/2008
Nitrobenzene	ND	10		µg/L	1	8/6/2008
2-Nitrophenol	ND	10		µg/L	1	8/6/2008
4-Nitrophenol	ND	10		µg/L	1	8/6/2008
Pentachlorophenol	ND	20		µg/L	1	8/6/2008
Phenanthrene	ND	10		µg/L	1	8/6/2008
Phenol	ND	10		µg/L	1	8/6/2008
Pyrene	ND	10		µg/L	1	8/6/2008
Pyridine	ND	10		µg/L	1	8/6/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/6/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/6/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/6/2008
Surr: 2,4,6-Tribromophenol	59.7	16.6-150		%REC	1	8/6/2008
Surr: 2-Fluorobiphenyl	68.8	19.6-134		%REC	1	8/6/2008
Surr: 2-Fluorophenol	50.7	9.54-113		%REC	1	8/6/2008
Surr: 4-Terphenyl-d14	67.9	22.7-145		%REC	1	8/6/2008
Surr: Nitrobenzene-d5	60.8	14.6-134		%REC	1	8/6/2008
Surr: Phenol-d5	35.3	10.7-80.3		%REC	1	8/6/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 4:06:13 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 4:06:13 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 4:06:13 AM
Acetone	ND	10		µg/L	1	8/5/2008 4:06:13 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 4:06:13 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 4:06:13 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2A
Lab Order:	0808012	**Collection Date:**	7/30/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroethane	ND	2.0		µg/L	1	8/5/2008 4:06:13 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 4:06:13 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 4:06:13 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 4:06:13 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 4:06:13 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 4:06:13 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 4:06:13 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2A
Lab Order:	0808012	**Collection Date:**	7/30/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 4:06:13 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 4:06:13 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 4:06:13 AM
Surr: 1,2-Dichloroethane-d4	97.1	68.1-123		%REC	1	8/5/2008 4:06:13 AM
Surr: 4-Bromofluorobenzene	105	53.2-145		%REC	1	8/5/2008 4:06:13 AM
Surr: Dibromofluoromethane	98.8	68.5-119		%REC	1	8/5/2008 4:06:13 AM
Surr: Toluene-d8	95.6	64-131		%REC	1	8/5/2008 4:06:13 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1400	0.010		µmhos/cm	1	8/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.87	0.1		pH units	1	8/4/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2B
Lab Order:	*0808012*	**Collection Date:**	7/30/2008 10:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.6	0.10		mg/L	1	8/1/2008 11:49:19 PM
Chloride	30	0.10		mg/L	1	8/1/2008 11:49:19 PM
Bromide	1.1	0.10		mg/L	1	8/1/2008 11:49:19 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/4/2008 1:45:38 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/1/2008 11:49:19 PM
Sulfate	150	5.0		mg/L	10	8/2/2008 12:08:44 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/8/2008 3:32:28 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/12/2008 11:06:57 AM
Barium	0.041	0.010		mg/L	1	8/12/2008 11:06:57 AM
Cadmium	ND	0.0020		mg/L	1	8/12/2008 11:06:57 AM
Calcium	13	0.50		mg/L	1	8/12/2008 11:06:57 AM
Chromium	ND	0.0060		mg/L	1	8/12/2008 11:06:57 AM
Copper	ND	0.0060		mg/L	1	8/12/2008 11:06:57 AM
Iron	0.064	0.050		mg/L	1	8/12/2008 11:06:57 AM
Lead	ND	0.0050		mg/L	1	8/12/2008 11:06:57 AM
Magnesium	3.0	0.50		mg/L	1	8/12/2008 11:06:57 AM
Manganese	0.16	0.0020		mg/L	1	8/12/2008 11:06:57 AM
Potassium	ND	1.0		mg/L	1	8/12/2008 11:06:57 AM
Selenium	ND	0.050		mg/L	1	8/12/2008 11:06:57 AM
Silver	ND	0.0050		mg/L	1	8/12/2008 11:06:57 AM
Sodium	570	5.0		mg/L	10	8/12/2008 2:00:43 PM
Zinc	ND	0.020		mg/L	1	8/12/2008 11:06:57 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	8/6/2008
Acenaphthylene	ND	10		µg/L	1	8/6/2008
Aniline	ND	10		µg/L	1	8/6/2008
Anthracene	ND	10		µg/L	1	8/6/2008
Azobenzene	ND	10		µg/L	1	8/6/2008
Benz(a)anthracene	ND	10		µg/L	1	8/6/2008
Benzo(a)pyrene	ND	10		µg/L	1	8/6/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/6/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzoic acid	ND	20		µg/L	1	8/6/2008
Benzyl alcohol	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2B
Lab Order:	0808012	**Collection Date:**	7/30/2008 10:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/6/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	8/6/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Butyl benzyl phthalate	ND	10		µg/L	1	8/6/2008
Carbazole	ND	10		µg/L	1	8/6/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/6/2008
4-Chloroaniline	ND	10		µg/L	1	8/6/2008
2-Chloronaphthalene	ND	10		µg/L	1	8/6/2008
2-Chlorophenol	ND	10		µg/L	1	8/6/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Chrysene	ND	10		µg/L	1	8/6/2008
Di-n-butyl phthalate	ND	10		µg/L	1	8/6/2008
Di-n-octyl phthalate	ND	10		µg/L	1	8/6/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/6/2008
Dibenzofuran	ND	10		µg/L	1	8/6/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/6/2008
Diethyl phthalate	ND	10		µg/L	1	8/6/2008
Dimethyl phthalate	ND	10		µg/L	1	8/6/2008
2,4-Dichlorophenol	ND	20		µg/L	1	8/6/2008
2,4-Dimethylphenol	ND	10		µg/L	1	8/6/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrophenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
Fluoranthene	ND	10		µg/L	1	8/6/2008
Fluorene	ND	10		µg/L	1	8/6/2008
Hexachlorobenzene	ND	10		µg/L	1	8/6/2008
Hexachlorobutadiene	ND	10		µg/L	1	8/6/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/6/2008
Hexachloroethane	ND	10		µg/L	1	8/6/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/6/2008
Isophorone	ND	10		µg/L	1	8/6/2008
2-Methylnaphthalene	ND	10		µg/L	1	8/6/2008
2-Methylphenol	ND	10		µg/L	1	8/6/2008
3+4-Methylphenol	ND	10		µg/L	1	8/6/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/6/2008
Naphthalene	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2B
Lab Order:	0808012	**Collection Date:**	7/30/2008 10:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
2-Nitroaniline	ND	10		µg/L	1	8/6/2008
3-Nitroaniline	ND	10		µg/L	1	8/6/2008
4-Nitroaniline	ND	10		µg/L	1	8/6/2008
Nitrobenzene	ND	10		µg/L	1	8/6/2008
2-Nitrophenol	ND	10		µg/L	1	8/6/2008
4-Nitrophenol	ND	10		µg/L	1	8/6/2008
Pentachlorophenol	ND	20		µg/L	1	8/6/2008
Phenanthrene	ND	10		µg/L	1	8/6/2008
Phenol	ND	10		µg/L	1	8/6/2008
Pyrene	ND	10		µg/L	1	8/6/2008
Pyridine	ND	10		µg/L	1	8/6/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/6/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/6/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/6/2008
Surr: 2,4,6-Tribromophenol	55.8	16.6-150		%REC	1	8/6/2008
Surr: 2-Fluorobiphenyl	61.7	19.6-134		%REC	1	8/6/2008
Surr: 2-Fluorophenol	45.2	9.54-113		%REC	1	8/6/2008
Surr: 4-Terphenyl-d14	63.1	22.7-145		%REC	1	8/6/2008
Surr: Nitrobenzene-d5	58.9	14.6-134		%REC	1	8/6/2008
Surr: Phenol-d5	29.9	10.7-80.3		%REC	1	8/6/2008
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 4:34:55 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 4:34:55 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 4:34:55 AM
Acetone	ND	10		µg/L	1	8/5/2008 4:34:55 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 4:34:55 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 4:34:55 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2B
Lab Order:	0808012	**Collection Date:**	7/30/2008 10:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroethane	ND	2.0		µg/L	1	8/5/2008 4:34:55 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 4:34:55 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 4:34:55 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 4:34:55 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 4:34:55 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 4:34:55 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 4:34:55 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2B
Lab Order:	0808012	**Collection Date:**	7/30/2008 10:30:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 4:34:55 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 4:34:55 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 4:34:55 AM
Surr: 1,2-Dichloroethane-d4	96.5	68.1-123		%REC	1	8/5/2008 4:34:55 AM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	8/5/2008 4:34:55 AM
Surr: Dibromofluoromethane	100	68.5-119		%REC	1	8/5/2008 4:34:55 AM
Surr: Toluene-d8	96.9	64-131		%REC	1	8/5/2008 4:34:55 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	2200	0.010		µmhos/cm	1	8/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.76	0.1		pH units	1	8/4/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2C
Lab Order:	0808012	**Collection Date:**	7/30/2008 2:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.9	0.10		mg/L	1	8/2/2008 12:41:33 AM
Chloride	44	1.0		mg/L	10	8/2/2008 12:58:58 AM
Bromide	0.14	0.10		mg/L	1	8/2/2008 12:41:33 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/4/2008 2:03:03 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/2/2008 12:41:33 AM
Sulfate	270	5.0		mg/L	10	8/2/2008 12:58:58 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/8/2008 3:34:12 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/8/2008 2:00:45 PM
Barium	0.13	0.010		mg/L	1	8/8/2008 2:00:45 PM
Cadmium	ND	0.0020		mg/L	1	8/8/2008 2:00:45 PM
Calcium	24	0.50		mg/L	1	8/8/2008 2:00:45 PM
Chromium	ND	0.0060		mg/L	1	8/8/2008 2:00:45 PM
Copper	ND	0.0060		mg/L	1	8/8/2008 2:00:45 PM
Iron	1.3	0.25		mg/L	5	8/8/2008 4:15:15 PM
Lead	ND	0.0050		mg/L	1	8/8/2008 2:00:45 PM
Magnesium	2.0	0.50		mg/L	1	8/8/2008 2:00:45 PM
Manganese	0.43	0.0020		mg/L	1	8/8/2008 2:00:45 PM
Potassium	1.1	1.0		mg/L	1	8/8/2008 2:00:45 PM
Selenium	ND	0.050		mg/L	1	8/8/2008 2:00:45 PM
Silver	ND	0.0050		mg/L	1	8/8/2008 2:00:45 PM
Sodium	300	2.5		mg/L	5	8/8/2008 4:15:15 PM
Zinc	ND	0.020		mg/L	1	8/8/2008 2:00:45 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	50		µg/L	1	8/6/2008
Acenaphthylene	ND	50		µg/L	1	8/6/2008
Aniline	ND	50		µg/L	1	8/6/2008
Anthracene	ND	50		µg/L	1	8/6/2008
Azobenzene	ND	50		µg/L	1	8/6/2008
Benz(a)anthracene	ND	50		µg/L	1	8/6/2008
Benzo(a)pyrene	ND	50		µg/L	1	8/6/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	8/6/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	8/6/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	8/6/2008
Benzoic acid	ND	100		µg/L	1	8/6/2008
Benzyl alcohol	ND	50		µg/L	1	8/6/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	8/6/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2C
Lab Order:	0808012	**Collection Date:**	7/30/2008 2:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	8/6/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	8/6/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	8/6/2008
Butyl benzyl phthalate	ND	50		µg/L	1	8/6/2008
Carbazole	ND	50		µg/L	1	8/6/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	8/6/2008
4-Chloroaniline	ND	50		µg/L	1	8/6/2008
2-Chloronaphthalene	ND	50		µg/L	1	8/6/2008
2-Chlorophenol	ND	50		µg/L	1	8/6/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	8/6/2008
Chrysene	ND	50		µg/L	1	8/6/2008
Di-n-butyl phthalate	ND	50		µg/L	1	8/6/2008
Di-n-octyl phthalate	ND	50		µg/L	1	8/6/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	8/6/2008
Dibenzofuran	ND	50		µg/L	1	8/6/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	8/6/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	8/6/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	8/6/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	8/6/2008
Diethyl phthalate	ND	50		µg/L	1	8/6/2008
Dimethyl phthalate	ND	50		µg/L	1	8/6/2008
2,4-Dichlorophenol	ND	100		µg/L	1	8/6/2008
2,4-Dimethylphenol	ND	50		µg/L	1	8/6/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	8/6/2008
2,4-Dinitrophenol	ND	100		µg/L	1	8/6/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	8/6/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	8/6/2008
Fluoranthene	ND	50		µg/L	1	8/6/2008
Fluorene	ND	50		µg/L	1	8/6/2008
Hexachlorobenzene	ND	50		µg/L	1	8/6/2008
Hexachlorobutadiene	ND	50		µg/L	1	8/6/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	8/6/2008
Hexachloroethane	ND	50		µg/L	1	8/6/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	8/6/2008
Isophorone	ND	50		µg/L	1	8/6/2008
2-Methylnaphthalene	ND	50		µg/L	1	8/6/2008
2-Methylphenol	ND	50		µg/L	1	8/6/2008
3+4-Methylphenol	ND	50		µg/L	1	8/6/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	8/6/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	8/6/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	8/6/2008
Naphthalene	ND	50		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0808012
Project: 2008 Annual Groundwater Event
Lab ID: 0808012-04

Client Sample ID: BW-2C
Collection Date: 7/30/2008 2:45:00 PM
Date Received: 8/1/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
2-Nitroaniline	ND	50		µg/L	1	8/6/2008
3-Nitroaniline	ND	50		µg/L	1	8/6/2008
4-Nitroaniline	ND	50		µg/L	1	8/6/2008
Nitrobenzene	ND	50		µg/L	1	8/6/2008
2-Nitrophenol	ND	50		µg/L	1	8/6/2008
4-Nitrophenol	ND	50		µg/L	1	8/6/2008
Pentachlorophenol	ND	100		µg/L	1	8/6/2008
Phenanthrene	ND	50		µg/L	1	8/6/2008
Phenol	ND	50		µg/L	1	8/6/2008
Pyrene	ND	50		µg/L	1	8/6/2008
Pyridine	ND	50		µg/L	1	8/6/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	8/6/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	8/6/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	8/6/2008
Surr: 2,4,6-Tribromophenol	68.4	16.6-150		%REC	1	8/6/2008
Surr: 2-Fluorobiphenyl	76.6	19.6-134		%REC	1	8/6/2008
Surr: 2-Fluorophenol	58.9	9.54-113		%REC	1	8/6/2008
Surr: 4-Terphenyl-d14	69.2	22.7-145		%REC	1	8/6/2008
Surr: Nitrobenzene-d5	68.3	14.6-134		%REC	1	8/6/2008
Surr: Phenol-d5	40.5	10.7-80.3		%REC	1	8/6/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 5:03:37 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 5:03:37 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 5:03:37 AM
Acetone	ND	10		µg/L	1	8/5/2008 5:03:37 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 5:03:37 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 5:03:37 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2C
Lab Order:	0808012	**Collection Date:**	7/30/2008 2:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chloroethane	ND	2.0		µg/L	1	8/5/2008 5:03:37 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 5:03:37 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 5:03:37 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 5:03:37 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 5:03:37 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 5:03:37 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 5:03:37 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-2C
Lab Order:	0808012	**Collection Date:**	7/30/2008 2:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 5:03:37 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 5:03:37 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 5:03:37 AM
Surr: 1,2-Dichloroethane-d4	96.3	68.1-123		%REC	1	8/5/2008 5:03:37 AM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	8/5/2008 5:03:37 AM
Surr: Dibromofluoromethane	100	68.5-119		%REC	1	8/5/2008 5:03:37 AM
Surr: Toluene-d8	90.9	64-131		%REC	1	8/5/2008 5:03:37 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1400	0.010		µmhos/cm	1	8/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.83	0.1		pH units	1	8/4/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3B
Lab Order:	0808012	**Collection Date:**	7/31/2008 1:50:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.4	0.10		mg/L	1	8/2/2008 1:33:47 AM
Chloride	34	0.10		mg/L	1	8/2/2008 1:33:47 AM
Bromide	0.42	0.10		mg/L	1	8/2/2008 1:33:47 AM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/4/2008 2:20:28 PM
Phosphorus, Orthophosphate (As P)	1.1	0.50		mg/L	1	8/2/2008 1:33:47 AM
Sulfate	55	0.50		mg/L	1	8/2/2008 1:33:47 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/8/2008 3:35:55 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/8/2008 2:06:19 PM
Barium	0.11	0.010		mg/L	1	8/8/2008 2:06:19 PM
Cadmium	ND	0.0020		mg/L	1	8/8/2008 2:06:19 PM
Calcium	8.3	0.50		mg/L	1	8/8/2008 2:06:19 PM
Chromium	ND	0.0060		mg/L	1	8/8/2008 2:06:19 PM
Copper	ND	0.0060		mg/L	1	8/8/2008 2:06:19 PM
Iron	0.43	0.050		mg/L	1	8/8/2008 2:06:19 PM
Lead	ND	0.0050		mg/L	1	8/8/2008 2:06:19 PM
Magnesium	2.6	0.50		mg/L	1	8/8/2008 2:06:19 PM
Manganese	0.12	0.0020		mg/L	1	8/8/2008 2:06:19 PM
Potassium	ND	1.0		mg/L	1	8/8/2008 2:06:19 PM
Selenium	ND	0.050		mg/L	1	8/8/2008 2:06:19 PM
Silver	ND	0.0050		mg/L	1	8/8/2008 2:06:19 PM
Sodium	370	2.5		mg/L	5	8/8/2008 4:17:46 PM
Zinc	ND	0.020		mg/L	1	8/8/2008 2:06:19 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	8/6/2008
Acenaphthylene	ND	10		µg/L	1	8/6/2008
Aniline	ND	10		µg/L	1	8/6/2008
Anthracene	ND	10		µg/L	1	8/6/2008
Azobenzene	ND	10		µg/L	1	8/6/2008
Benz(a)anthracene	ND	10		µg/L	1	8/6/2008
Benzo(a)pyrene	ND	10		µg/L	1	8/6/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/6/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	8/6/2008
Benzoic acid	ND	20		µg/L	1	8/6/2008
Benzyl alcohol	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/6/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3B
Lab Order:	0808012	**Collection Date:**	7/31/2008 1:50:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/6/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	8/6/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Butyl benzyl phthalate	ND	10		µg/L	1	8/6/2008
Carbazole	ND	10		µg/L	1	8/6/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/6/2008
4-Chloroaniline	ND	10		µg/L	1	8/6/2008
2-Chloronaphthalene	ND	10		µg/L	1	8/6/2008
2-Chlorophenol	ND	10		µg/L	1	8/6/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/6/2008
Chrysene	ND	10		µg/L	1	8/6/2008
Di-n-butyl phthalate	ND	10		µg/L	1	8/6/2008
Di-n-octyl phthalate	ND	10		µg/L	1	8/6/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/6/2008
Dibenzofuran	ND	10		µg/L	1	8/6/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	8/6/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/6/2008
Diethyl phthalate	ND	10		µg/L	1	8/6/2008
Dimethyl phthalate	ND	10		µg/L	1	8/6/2008
2,4-Dichlorophenol	ND	20		µg/L	1	8/6/2008
2,4-Dimethylphenol	ND	10		µg/L	1	8/6/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrophenol	ND	20		µg/L	1	8/6/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	8/6/2008
Fluoranthene	ND	10		µg/L	1	8/6/2008
Fluorene	ND	10		µg/L	1	8/6/2008
Hexachlorobenzene	ND	10		µg/L	1	8/6/2008
Hexachlorobutadiene	ND	10		µg/L	1	8/6/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/6/2008
Hexachloroethane	ND	10		µg/L	1	8/6/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/6/2008
Isophorone	ND	10		µg/L	1	8/6/2008
2-Methylnaphthalene	ND	10		µg/L	1	8/6/2008
2-Methylphenol	ND	10		µg/L	1	8/6/2008
3+4-Methylphenol	ND	10		µg/L	1	8/6/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	8/6/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/6/2008
Naphthalene	ND	10		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3B
Lab Order:	0808012	**Collection Date:**	7/31/2008 1:50:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
2-Nitroaniline	ND	10		µg/L	1	8/6/2008
3-Nitroaniline	ND	10		µg/L	1	8/6/2008
4-Nitroaniline	ND	10		µg/L	1	8/6/2008
Nitrobenzene	ND	10		µg/L	1	8/6/2008
2-Nitrophenol	ND	10		µg/L	1	8/6/2008
4-Nitrophenol	ND	10		µg/L	1	8/6/2008
Pentachlorophenol	ND	20		µg/L	1	8/6/2008
Phenanthrene	ND	10		µg/L	1	8/6/2008
Phenol	ND	10		µg/L	1	8/6/2008
Pyrene	ND	10		µg/L	1	8/6/2008
Pyridine	ND	10		µg/L	1	8/6/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/6/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/6/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/6/2008
Surr: 2,4,6-Tribromophenol	64.2	16.6-150		%REC	1	8/6/2008
Surr: 2-Fluorobiphenyl	70.7	19.6-134		%REC	1	8/6/2008
Surr: 2-Fluorophenol	51.8	9.54-113		%REC	1	8/6/2008
Surr: 4-Terphenyl-d14	70.3	22.7-145		%REC	1	8/6/2008
Surr: Nitrobenzene-d5	63.6	14.6-134		%REC	1	8/6/2008
Surr: Phenol-d5	33.7	10.7-80.3		%REC	1	8/6/2008
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 5:32:20 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 5:32:20 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 5:32:20 AM
Acetone	ND	10		µg/L	1	8/5/2008 5:32:20 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 5:32:20 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 5:32:20 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3B
Lab Order:	0808012	**Collection Date:**	7/31/2008 1:50:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Chloroethane	ND	2.0		µg/L	1	8/5/2008 5:32:20 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 5:32:20 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 5:32:20 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 5:32:20 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 5:32:20 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 5:32:20 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 5:32:20 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3B
Lab Order:	0808012	**Collection Date:**	7/31/2008 1:50:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 5:32:20 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 5:32:20 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 5:32:20 AM
Surr: 1,2-Dichloroethane-d4	98.4	68.1-123		%REC	1	8/5/2008 5:32:20 AM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	1	8/5/2008 5:32:20 AM
Surr: Dibromofluoromethane	98.1	68.5-119		%REC	1	8/5/2008 5:32:20 AM
Surr: Toluene-d8	91.6	64-131		%REC	1	8/5/2008 5:32:20 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMS
Specific Conductance	1500	0.010		µmhos/cm	1	8/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.95	0.1		pH units	1	8/4/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3C
Lab Order:	0808012	**Collection Date:**	8/1/2008 8:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.5	1.0		mg/L	10	8/2/2008 2:43:25 AM
Chloride	34	1.0		mg/L	10	8/2/2008 2:43:25 AM
Bromide	ND	1.0		mg/L	10	8/2/2008 2:43:25 AM
Nitrate (As N)+Nitrite (As N)	ND	2.0		mg/L	10	8/7/2008 9:23:20 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	8/2/2008 2:43:25 AM
Sulfate	240	5.0		mg/L	10	8/2/2008 2:43:25 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/8/2008 3:37:40 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/8/2008 2:10:30 PM
Barium	0.27	0.010		mg/L	1	8/8/2008 2:10:30 PM
Cadmium	ND	0.0020		mg/L	1	8/8/2008 2:10:30 PM
Calcium	28	0.50		mg/L	1	8/8/2008 2:10:30 PM
Chromium	0.0078	0.0060		mg/L	1	8/8/2008 2:10:30 PM
Copper	ND	0.0060		mg/L	1	8/8/2008 2:10:30 PM
Iron	3.0	0.25		mg/L	5	8/8/2008 4:20:18 PM
Lead	ND	0.0050		mg/L	1	8/8/2008 2:10:30 PM
Magnesium	2.2	0.50		mg/L	1	8/8/2008 2:10:30 PM
Manganese	0.41	0.0020		mg/L	1	8/8/2008 2:10:30 PM
Potassium	1.6	1.0		mg/L	1	8/8/2008 2:10:30 PM
Selenium	ND	0.050		mg/L	1	8/8/2008 2:10:30 PM
Silver	ND	0.0050		mg/L	1	8/8/2008 2:10:30 PM
Sodium	350	2.5		mg/L	5	8/8/2008 4:20:18 PM
Zinc	0.032	0.020		mg/L	1	8/8/2008 2:10:30 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	50		µg/L	1	8/6/2008
Acenaphthylene	ND	50		µg/L	1	8/6/2008
Aniline	ND	50		µg/L	1	8/6/2008
Anthracene	ND	50		µg/L	1	8/6/2008
Azobenzene	ND	50		µg/L	1	8/6/2008
Benz(a)anthracene	ND	50		µg/L	1	8/6/2008
Benzo(a)pyrene	ND	50		µg/L	1	8/6/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	8/6/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	8/6/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	8/6/2008
Benzoic acid	ND	100		µg/L	1	8/6/2008
Benzyl alcohol	ND	50		µg/L	1	8/6/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	8/6/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	8/6/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3C
Lab Order:	0808012	**Collection Date:**	8/1/2008 8:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	8/6/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	8/6/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	8/6/2008
Butyl benzyl phthalate	ND	50		µg/L	1	8/6/2008
Carbazole	ND	50		µg/L	1	8/6/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	8/6/2008
4-Chloroaniline	ND	50		µg/L	1	8/6/2008
2-Chloronaphthalene	ND	50		µg/L	1	8/6/2008
2-Chlorophenol	ND	50		µg/L	1	8/6/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	8/6/2008
Chrysene	ND	50		µg/L	1	8/6/2008
Di-n-butyl phthalate	ND	50		µg/L	1	8/6/2008
Di-n-octyl phthalate	ND	50		µg/L	1	8/6/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	8/6/2008
Dibenzofuran	ND	50		µg/L	1	8/6/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	8/6/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	8/6/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	8/6/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	8/6/2008
Diethyl phthalate	ND	50		µg/L	1	8/6/2008
Dimethyl phthalate	ND	50		µg/L	1	8/6/2008
2,4-Dichlorophenol	ND	100		µg/L	1	8/6/2008
2,4-Dimethylphenol	ND	50		µg/L	1	8/6/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	8/6/2008
2,4-Dinitrophenol	ND	100		µg/L	1	8/6/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	8/6/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	8/6/2008
Fluoranthene	ND	50		µg/L	1	8/6/2008
Fluorene	ND	50		µg/L	1	8/6/2008
Hexachlorobenzene	ND	50		µg/L	1	8/6/2008
Hexachlorobutadiene	ND	50		µg/L	1	8/6/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	8/6/2008
Hexachloroethane	ND	50		µg/L	1	8/6/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	8/6/2008
Isophorone	ND	50		µg/L	1	8/6/2008
2-Methylnaphthalene	ND	50		µg/L	1	8/6/2008
2-Methylphenol	ND	50		µg/L	1	8/6/2008
3+4-Methylphenol	ND	50		µg/L	1	8/6/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	8/6/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	8/6/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	8/6/2008
Naphthalene	ND	50		µg/L	1	8/6/2008

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3C
Lab Order:	0808012	**Collection Date:**	8/1/2008 8:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
2-Nitroaniline	ND	50		µg/L	1	8/6/2008
3-Nitroaniline	ND	50		µg/L	1	8/6/2008
4-Nitroaniline	ND	50		µg/L	1	8/6/2008
Nitrobenzene	ND	50		µg/L	1	8/6/2008
2-Nitrophenol	ND	50		µg/L	1	8/6/2008
4-Nitrophenol	ND	50		µg/L	1	8/6/2008
Pentachlorophenol	ND	100		µg/L	1	8/6/2008
Phenanthrene	ND	50		µg/L	1	8/6/2008
Phenol	ND	50		µg/L	1	8/6/2008
Pyrene	ND	50		µg/L	1	8/6/2008
Pyridine	ND	50		µg/L	1	8/6/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	8/6/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	8/6/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	8/6/2008
Surr: 2,4,6-Tribromophenol	64.9	16.6-150		%REC	1	8/6/2008
Surr: 2-Fluorobiphenyl	66.0	19.6-134		%REC	1	8/6/2008
Surr: 2-Fluorophenol	48.5	9.54-113		%REC	1	8/6/2008
Surr: 4-Terphenyl-d14	64.1	22.7-145		%REC	1	8/6/2008
Surr: Nitrobenzene-d5	56.9	14.6-134		%REC	1	8/6/2008
Surr: Phenol-d5	31.8	10.7-80.3		%REC	1	8/6/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 6:00:59 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 6:00:59 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 6:00:59 AM
Acetone	ND	10		µg/L	1	8/5/2008 6:00:59 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 6:00:59 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 6:00:59 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3C
Lab Order:	0808012	**Collection Date:**	8/1/2008 8:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Chloroethane	ND	2.0		µg/L	1	8/5/2008 6:00:59 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 6:00:59 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 6:00:59 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 6:00:59 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 6:00:59 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 6:00:59 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 6:00:59 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	BW-3C
Lab Order:	0808012	**Collection Date:**	8/1/2008 8:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 6:00:59 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 6:00:59 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 6:00:59 AM
Surr: 1,2-Dichloroethane-d4	97.1	68.1-123		%REC	1	8/5/2008 6:00:59 AM
Surr: 4-Bromofluorobenzene	98.5	53.2-145		%REC	1	8/5/2008 6:00:59 AM
Surr: Dibromofluoromethane	101	68.5-119		%REC	1	8/5/2008 6:00:59 AM
Surr: Toluene-d8	91.2	64-131		%REC	1	8/5/2008 6:00:59 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1500	0.010		µmhos/cm	1	8/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.63	0.1		pH units	1	8/4/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0808012
Project: 2008 Annual Groundwater Event
Lab ID: 0808012-07

Client Sample ID: Trip Blank
Collection Date:
Date Received: 8/1/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Toluene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Ethylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Naphthalene	ND	2.0		µg/L	1	8/5/2008 6:29:44 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 6:29:44 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/5/2008 6:29:44 AM
Acetone	ND	10		µg/L	1	8/5/2008 6:29:44 AM
Bromobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Bromoform	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Bromomethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
2-Butanone	ND	10		µg/L	1	8/5/2008 6:29:44 AM
Carbon disulfide	ND	10		µg/L	1	8/5/2008 6:29:44 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Chlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Chloroethane	ND	2.0		µg/L	1	8/5/2008 6:29:44 AM
Chloroform	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Chloromethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/5/2008 6:29:44 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Dibromomethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/5/2008 6:29:44 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
2-Hexanone	ND	10		µg/L	1	8/5/2008 6:29:44 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *27-Aug-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0808012	**Collection Date:**	
Project:	2008 Annual Groundwater Event	**Date Received:**	8/1/2008
Lab ID:	0808012-07	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/5/2008 6:29:44 AM
Methylene Chloride	ND	3.0		µg/L	1	8/5/2008 6:29:44 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Styrene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/5/2008 6:29:44 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/5/2008 6:29:44 AM
Vinyl chloride	ND	1.0		µg/L	1	8/5/2008 6:29:44 AM
Xylenes, Total	ND	1.5		µg/L	1	8/5/2008 6:29:44 AM
Surr: 1,2-Dichloroethane-d4	96.4	68.1-123		%REC	1	8/5/2008 6:29:44 AM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	1	8/5/2008 6:29:44 AM
Surr: Dibromofluoromethane	102	68.5-119		%REC	1	8/5/2008 6:29:44 AM
Surr: Toluene-d8	90.4	64-131		%REC	1	8/5/2008 6:29:44 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808012
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080805040-001	**Sampling Date**	7/31/2008	**Date/Time Received**	8/5/2008	10:30 AM
Client Sample ID	0808012-01E / BW-1C	**Sampling Time**	8:30 AM	**Extraction Date**	8/12/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00115	mg/L	0.001	8/15/2008	DMB	EPA 6020A	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2832; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D	**Project Name:**	0808012
	ALBUQUERQUE, NM 87109		
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080805040-002	**Sampling Date**	7/30/2008	**Date/Time Received**	8/5/2008	10:30 AM
Client Sample ID	0808012-02E / BW-2A	**Sampling Time**	9:00 AM	**Extraction Date**	8/12/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	ND	mg/L	0.001	8/15/2008	DMB	EPA 6020A	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87693; ID:ID00013; IN:C-ID-01; KY:9D142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808012
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080805040-003	**Sampling Date**	7/30/2008	**Date/Time Received**	8/5/2008	10:30 AM
Client Sample ID	0808012-03E / BW-2B	**Sampling Time**	10:30 AM	**Extraction Date**	8/12/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.0115	mg/L	0.001	8/15/2008	DMB	EPA 6020A	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808012
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080805040-004	**Sampling Date**	7/30/2008	**Date/Time Received**	8/5/2008	10:30 AM
Client Sample ID	0808012-04E / BW-2C	**Sampling Time**	2:45 PM	**Extraction Date**	8/12/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00728	mg/L	0.001	8/15/2008	DMB	EPA 6020A	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808012
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080805040-005	**Sampling Date**	7/31/2008	**Date/Time Received**	8/5/2008	10:30 AM
Client Sample ID	0808012-05E / BW-3B	**Sampling Time**	1:50 PM	**Extraction Date**	8/12/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	ND	mg/L	0.001	8/15/2008	DMB	EPA 6020A	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

Anatek Labs, Inc.

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808012
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080805040-006	**Sampling Date**	8/1/2008	**Date/Time Received**	8/5/2008	10:30 AM
Client Sample ID	0808012-06E / BW-3C	**Sampling Time**	8:00 AM	**Extraction Date**	8/12/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00251	mg/L	0.001	8/15/2008	DMB	EPA 6020A	

Authorized Signature

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080805040
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808012
Attn:	ANDY FREEMAN		

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Uranium	0.0473	mg/L	0.05	94.6	85-115	8/12/2008	8/15/2008

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
080805040-001	Uranium	0.00115	0.0483	mg/L	0.05	94.3	75-125	8/12/2008	8/15/2008

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Uranium	0.0474	mg/L	0.05	92.5	1.9	0-20	8/12/2008	8/15/2008

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Uranium	ND	mg/L	0.001	8/12/2008	8/15/2008

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R29597**		Analysis Date:	8/1/2008 9:18:48 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R29639**		Analysis Date:	8/4/2008 9:24:30 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R29679**		Analysis Date:	8/7/2008 10:04:22 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R29597**		Analysis Date:	8/1/2008 9:36:13 AM	
Fluoride	0.5057	mg/L	0.10	101	90	110			
Chloride	5.033	mg/L	0.10	101	90	110			
Bromide	2.497	mg/L	0.10	99.9	90	110			
Nitrate (As N)+Nitrite (As N)	3.580	mg/L	0.20	102	90	110			
Phosphorus, Orthophosphate (As P)	4.861	mg/L	0.50	97.2	90	110			
Sulfate	10.09	mg/L	0.50	101	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29639**		Analysis Date:	8/4/2008 9:41:54 AM	
Fluoride	0.4916	mg/L	0.10	98.4	90	110			
Chloride	4.893	mg/L	0.10	97.9	90	110			
Bromide	2.540	mg/L	0.10	102	90	110			
Nitrate (As N)+Nitrite (As N)	3.514	mg/L	0.20	100	90	110			
Phosphorus, Orthophosphate (As P)	5.000	mg/L	0.50	100	90	110			
Sulfate	10.29	mg/L	0.50	103	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R29679**		Analysis Date:	8/7/2008 10:21:47 AM	
Chloride	5.038	mg/L	0.10	101	90	110			
Bromide	2.618	mg/L	0.10	105	90	110			
Nitrate (As N)+Nitrite (As N)	3.599	mg/L	0.20	103	90	110			
Phosphorus, Orthophosphate (As P)	5.032	mg/L	0.50	101	90	110			
Sulfate	10.46	mg/L	0.50	105	90	110			
Sample ID: LCS-b		*LCS*			Batch ID: **R29679**		Analysis Date:	8/7/2008 7:04:05 PM	
Fluoride	0.5291	mg/L	0.10	106	90	110			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16674		*MBLK*			Batch ID: **16674**		Analysis Date:		8/6/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
rbazole	ND	µg/L	10						
Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

aliflers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16674		*MBLK*			Batch ID: **16674**		Analysis Date:		8/6/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
ntachlorophenol	ND	µg/L	20						
henanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16674		*LCS*			Batch ID: **16674**		Analysis Date:		8/7/2008
Acenaphthene	55.04	µg/L	10	55.0	11	123			
4-Chloro-3-methylphenol	67.46	µg/L	10	33.7	15.4	119			
2-Chlorophenol	79.64	µg/L	10	39.8	12.2	122			
1,4-Dichlorobenzene	45.90	µg/L	10	45.9	16.9	100			
2,4-Dinitrotoluene	55.90	µg/L	10	55.9	13	138			
N-Nitrosodi-n-propylamine	59.24	µg/L	10	59.2	9.93	122			
4-Nitrophenol	42.36	µg/L	10	21.2	12.5	87.4			
Pentachlorophenol	56.14	µg/L	20	28.1	3.55	114			
Phenol	54.36	µg/L	10	27.2	7.53	73.1			
Pyrene	56.24	µg/L	10	56.2	12.6	140			
1,2,4-Trichlorobenzene	42.92	µg/L	10	42.9	17.4	98.7			
Sample ID: lcsd-16674		*LCSD*			Batch ID: **16674**		Analysis Date:		8/6/2008
Acenaphthene	62.80	µg/L	10	62.8	11	123	13.2	30.5	
4-Chloro-3-methylphenol	97.08	µg/L	10	48.5	15.4	119	36.0	28.6	R
2-Chlorophenol	113.3	µg/L	10	56.7	12.2	122	34.9	107	
1,4-Dichlorobenzene	49.90	µg/L	10	49.9	16.9	100	8.35	62.1	
2,4-Dinitrotoluene	61.94	µg/L	10	61.9	13	138	10.3	14.7	

ualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16674		*LCSD*			Batch ID:	**16674**	Analysis Date:		8/8/2008
N-Nitrosodi-n-propylamine	67.04	µg/L	10	67.0	9.93	122	12.4	30.3	
4-Nitrophenol	68.84	µg/L	10	34.4	12.5	87.4	47.6	36.3	R
Pentachlorophenol	89.06	µg/L	20	44.5	3.55	114	45.3	49	
Phenol	69.16	µg/L	10	34.6	7.53	73.1	24.0	52.4	
Pyrene	61.18	µg/L	10	61.2	12.6	140	8.41	16.3	
1,2,4-Trichlorobenzene	49.38	µg/L	10	49.4	17.4	98.7	14.0	36.4	
Method: EPA Method 7470: Mercury									
Sample ID: MB-16721		*MBLK*			Batch ID:	**16721**	Analysis Date:		8/8/2008 3:01:50 PM
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-16721		*LCS*			Batch ID:	**16721**	Analysis Date:		8/8/2008 3:03:33 PM
Mercury	0.004789	mg/L	0.00020	95.8	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16676		*MBLK*			Batch ID:	**16676**	Analysis Date:	8/8/2008 12:36:37 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Zinc	ND	mg/L	0.020						
Sample ID: MB-16714		*MBLK*			Batch ID:	**16714**	Analysis Date:	8/12/2008 10:57:39 AM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Zinc	ND	mg/L	0.020						
Sample ID: LCS-16676		*LCS*			Batch ID:	**16676**	Analysis Date:	8/8/2008 12:39:41 PM	
Arsenic	0.4558	mg/L	0.020	91.2	80	120			
Barium	0.4695	mg/L	0.010	93.9	80	120			
Cadmium	0.4515	mg/L	0.0020	90.3	80	120			
Calcium	49.55	mg/L	0.50	99.1	80	120			
Chromium	0.4716	mg/L	0.0060	94.3	80	120			
Copper	0.4909	mg/L	0.0060	98.2	80	120			
Iron	0.4831	mg/L	0.050	96.6	80	120			
Lead	0.4437	mg/L	0.0050	88.7	80	120			
Magnesium	50.39	mg/L	0.50	101	80	120			
Manganese	0.4669	mg/L	0.0020	93.4	80	120			
Potassium	54.25	mg/L	1.0	109	80	120			
Selenium	0.4214	mg/L	0.050	84.3	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: LCS-16676		*LCS*			Batch ID:	**16676**	Analysis Date:	8/8/2008 12:39:41 PM	
Silver	0.4772	mg/L	0.0050	95.4	80	120			
Sodium	53.54	mg/L	0.50	107	80	120			
Zinc	0.4601	mg/L	0.020	92.0	80	120			
Sample ID: LCS-16714		*LCS*			Batch ID:	**16714**	Analysis Date:	8/12/2008 11:00:43 AM	
Arsenic	0.5057	mg/L	0.020	101	80	120			
Barium	0.4650	mg/L	0.010	93.0	80	120			
Cadmium	0.4711	mg/L	0.0020	94.2	80	120			
Calcium	49.53	mg/L	0.50	99.1	80	120			
Chromium	0.4722	mg/L	0.0060	94.4	80	120			
Copper	0.4766	mg/L	0.0060	95.3	80	120			
Iron	0.4698	mg/L	0.050	94.0	80	120			
Lead	0.4671	mg/L	0.0050	93.4	80	120			
Magnesium	49.31	mg/L	0.50	98.6	80	120			
Manganese	0.4625	mg/L	0.0020	92.5	80	120			
Potassium	50.47	mg/L	1.0	101	80	120			
Selenium	0.4779	mg/L	0.050	95.6	80	120			
Silver	0.4733	mg/L	0.0050	94.1	80	120			
Sodium	52.15	mg/L	0.50	104	80	120			
ıc	0.4646	mg/L	0.020	92.9	80	120			

alifiers:

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R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29596**		Analysis Date:	8/4/2008 8:42:06 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
rbon Tetrachloride	ND	µg/L	1.0						
.lorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

alifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29596**		Analysis Date:	8/4/2008 8:42:06 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b5		*MBLK*			Batch ID: **R29596**		Analysis Date:	8/4/2008 9:23:12 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b5		*MBLK*			Batch ID: **R29596**		Analysis Date:		8/4/2008 9:23:12 PM
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29596**		Analysis Date:		8/4/2008 9:39:54 AM

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808012

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29596**	Analysis Date:		*8/4/2008 9:39:54 AM*
Benzene	22.36	µg/L	1.0	112	86.8	120			
Toluene	18.80	µg/L	1.0	94.0	64.1	127			
Chlorobenzene	19.23	µg/L	1.0	96.1	82.4	113			
1,1-Dichloroethene	27.46	µg/L	1.0	137	86.5	132			S
Trichloroethene (TCE)	23.81	µg/L	1.0	119	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29596**	Analysis Date:		*8/4/2008 10:20:48 PM*
Benzene	21.82	µg/L	1.0	109	86.8	120			
Toluene	18.43	µg/L	1.0	92.2	64.1	127			
Chlorobenzene	18.62	µg/L	1.0	93.1	82.4	113			
1,1-Dichloroethene	26.65	µg/L	1.0	133	86.5	132			S
Trichloroethene (TCE)	22.66	µg/L	1.0	113	77.3	123			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 8/1/2008

Work Order Number 0808012 Received by: AT

Checklist completed by: _____ 8/1/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	3°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

ective Action _____

_____

_____

Chain-of-Custody Record

Client: Western Refining Company - Gallup

Mailing Address: Route 3 Box 7 Gallup, NM 87301

Phone #: 505 722 3833

email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: 2008 Annual Groundwater Event

Project #:

Project Manager: Ed Riege

Sampler: Steve Morris

On Ice: ☒ Yes ☐ No

Sample Temperature: 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 2808012	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem	WQCC Total Metals			Air Bubbles (Y or N)
7-31-08	0830	H_2O	BW-1C			-1										X	X	X	X			
7/30/08	0900	"	BW-2A			-2										X	X	X	X			
"	1030	"	BW-2B			-3										X	X	X	X			
"	1445	"	BW-2C			-4										X	X	X	X			
7-31-08	1350	"	BW-3B			-5										X	X	X	X			
8-1-08	0800	"	BW-3C			-6										X	X	X	X			
			Trip Blank			-7										X						

Date	Time	Relinquished by:	Received by:	Date	Time
8/1/08	1320	Steve Morris			
				8/1/08	1320
Date	Time	Relinquished by:	Received by:	Date	Time

Remarks: Gen Chem = Cations, Anions, pH, and Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

MW-1, 4

COVER LETTER

Wednesday, September 17, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 Annual Groundwater Event

Order No.: 0808113

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 8/6/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	MW-1
Lab Order:	0808113	**Collection Date:**	8/4/2008 11:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/6/2008
Lab ID:	0808113-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/11/2008 8:33:34 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/11/2008 8:33:34 PM
Surr: DNOP	121	58-140		%REC	1	8/11/2008 8:33:34 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/15/2008 4:18:08 PM
Surr: BFB	81.4	79.2-121		%REC	1	8/15/2008 4:18:08 PM
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Fluoride	0.81	0.10		mg/L	1	8/27/2008 12:17:55 PM
Chloride	51	1.0		mg/L	10	8/27/2008 12:35:20 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/27/2008 12:52:45 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/27/2008 12:17:55 PM
Sulfate	160	5.0		mg/L	10	8/27/2008 12:35:20 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/20/2008 6:04:08 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	8/25/2008 9:40:26 AM
Barium	ND	0.020		mg/L	1	8/25/2008 9:40:26 AM
Cadmium	ND	0.0020		mg/L	1	8/25/2008 9:40:26 AM
Calcium	17	1.0		mg/L	1	8/25/2008 9:40:26 AM
Chromium	ND	0.0060		mg/L	1	8/25/2008 9:40:26 AM
Lead	ND	0.0050		mg/L	1	8/25/2008 9:40:26 AM
Magnesium	ND	1.0		mg/L	1	8/25/2008 9:40:26 AM
Potassium	ND	1.0		mg/L	1	8/25/2008 9:40:26 AM
Selenium	ND	0.050		mg/L	1	8/25/2008 9:40:26 AM
Silver	ND	0.0050		mg/L	1	8/25/2008 9:40:26 AM
Sodium	260	10		mg/L	10	8/26/2008 4:54:34 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	8/18/2008 11:42:53 AM
Barium	ND	0.020		mg/L	1	8/18/2008 11:42:53 AM
Cadmium	ND	0.0020		mg/L	1	8/18/2008 11:42:53 AM
Chromium	ND	0.0060		mg/L	1	8/18/2008 11:42:53 AM
Lead	ND	0.0050		mg/L	1	8/18/2008 11:42:53 AM
Selenium	ND	0.050		mg/L	1	8/18/2008 11:42:53 AM
Silver	ND	0.0050		mg/L	1	8/18/2008 11:42:53 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1100	0.010		µmhos/cm	1	8/8/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	MW-1
Lab Order:	0808113	**Collection Date:**	8/4/2008 11:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/6/2008
Lab ID:	0808113-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
SM4500-H+B: PH						Analyst: **KMS**
pH	8.95	0.1		pH units	1	8/8/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Sep-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0808113
Project: 2008 Annual Groundwater Event
Lab ID: 0808113-02

Client Sample ID: MW-4
Collection Date: 8/5/2008 1:40:00 PM
Date Received: 8/6/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/11/2008 9:42:18 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/11/2008 9:42:18 PM
Surr: DNOP	121	58-140		%REC	1	8/11/2008 9:42:18 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/15/2008 4:48:16 PM
Surr: BFB	83.6	79.2-121		%REC	1	8/15/2008 4:48:16 PM
EPA METHOD 300.0: ANIONS						Analyst: **IC**
Fluoride	0.37	0.10		mg/L	1	8/27/2008 1:10:10 PM
Chloride	17	0.10		mg/L	1	8/27/2008 1:10:10 PM
Nitrate (As N)+Nitrite (As N)	ND	1.0		mg/L	5	8/27/2008 1:44:59 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/27/2008 1:10:10 PM
Sulfate	160	5.0		mg/L	10	8/27/2008 1:27:34 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/20/2008 6:05:55 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	8/25/2008 9:44:35 AM
Barium	ND	0.020		mg/L	1	8/25/2008 9:44:35 AM
Cadmium	ND	0.0020		mg/L	1	8/25/2008 9:44:35 AM
Calcium	1.8	1.0		mg/L	1	8/25/2008 9:44:35 AM
Chromium	ND	0.0060		mg/L	1	8/25/2008 9:44:35 AM
Lead	ND	0.0050		mg/L	1	8/25/2008 9:44:35 AM
Magnesium	ND	1.0		mg/L	1	8/25/2008 9:44:35 AM
Potassium	ND	1.0		mg/L	1	8/25/2008 9:44:35 AM
Selenium	ND	0.050		mg/L	1	8/25/2008 9:44:35 AM
Silver	ND	0.0050		mg/L	1	8/25/2008 9:44:35 AM
Sodium	280	10		mg/L	10	8/26/2008 4:56:49 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Antimony	ND	0.050		mg/L	1	8/18/2008 11:47:08 AM
Arsenic	ND	0.020		mg/L	1	8/18/2008 11:47:08 AM
Barium	ND	0.020		mg/L	1	8/18/2008 11:47:08 AM
Beryllium	ND	0.0030		mg/L	1	8/18/2008 11:47:08 AM
Cadmium	ND	0.0020		mg/L	1	8/18/2008 11:47:08 AM
Chromium	ND	0.0060		mg/L	1	8/18/2008 11:47:08 AM
Cobalt	ND	0.0060		mg/L	1	8/18/2008 11:47:08 AM
Lead	ND	0.0050		mg/L	1	8/18/2008 11:47:08 AM
Nickel	ND	0.010		mg/L	1	8/18/2008 11:47:08 AM
Selenium	ND	0.050		mg/L	1	8/18/2008 11:47:08 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	MW-4
Lab Order:	0808113	**Collection Date:**	8/5/2008 1:40:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/6/2008
Lab ID:	0808113-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Silver	ND	0.0050		mg/L	1	8/18/2008 11:47:08 AM
Vanadium	ND	0.050		mg/L	1	8/18/2008 11:47:08 AM
Zinc	ND	0.050		mg/L	1	8/18/2008 11:47:08 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1200	0.010		µmhos/cm	1	8/8/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.63	0.1		pH units	1	8/8/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0808113	**Collection Date:**	
Project:	2008 Annual Groundwater Event	**Date Received:**	8/6/2008
Lab ID:	0808113-03	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/15/2008 5:18:26 PM
Surr: BFB	83.0	79.2-121		%REC	1	8/15/2008 5:18:26 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080811001
Project Name: 0808113

Analytical Results Report

Sample Number 080811001-001 **Sampling Date** 8/4/2008 **Date/Time Received** 8/8/2008 10:45 AM
Client Sample ID 0808113-01A / MW-1 **Sampling Time** 11:00 AM
Matrix: Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1-Trichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,2-Dibromoethane	ND	ug/L	0.1	8/13/2008	CAS	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Acetone	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
Benzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Carbon disulfide	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chlorobenzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chloroform	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chloromethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Ethylbenzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
m+p-Xylene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
Methylene chloride	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
o-Xylene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Styrene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Tetrachloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Toluene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Trichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Total Xylene	ND	ug/L	0.5			EPA 8260B	

Surrogate Data

Sample Number 080811001-001

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	91.0	70-130
4-Bromofluorobenzene	EPA 8260B	95.4	70-130
Toluene-d8	EPA 8260B	99.4	70-130

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080811001
Project Name: 0808113

Analytical Results Report

Sample Number 080811001-004 **Sampling Date** 8/5/2008 **Date/Time Received** 8/8/2008 10:45 AM
Client Sample ID 0808113-02A / MW-4 **Sampling Time** 1:40 PM
Matrix: Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1-Trichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,2-Dibromoethane	ND	ug/L	0.1	8/13/2008	CAS	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Acetone	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
Benzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Carbon disulfide	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chlorobenzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chloroform	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chloromethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Ethylbenzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
m+p-Xylene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
Methylene chloride	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
o-Xylene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Styrene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Tetrachloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Toluene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Trichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Total Xylene	ND	ug/L	0.5			EPA 8260B	

Surrogate Data

Sample Number 080811001-004

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	93.1	70-130
4-Bromofluorobenzene	EPA 8260B	95.8	70-130
Toluene-d8	EPA 8260B	100.1	70-130

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080811001
Project Name: 0808113

Analytical Results Report

Sample Number 080811001-007 **Sampling Date** 8/4/2008 **Date/Time Received** 8/8/2008 10:45 AM
Client Sample ID Trip Blank **Sampling Time**
Matrix: Water

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1-Trichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
1,2-Dibromoethane	ND	ug/L	0.1	8/13/2008	CAS	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Acetone	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
Benzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Carbon disulfide	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chlorobenzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chloroform	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Chloromethane	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Ethylbenzene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
m+p-Xylene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
Methylene chloride	ND	ug/L	2.5	8/13/2008	CAS	EPA 8260B	
o-Xylene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Styrene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Tetrachloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Toluene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Trichloroethene	ND	ug/L	0.5	8/13/2008	CAS	EPA 8260B	
Total Xylene	ND	ug/L	0.5			EPA 8260B	

Surrogate Data

Sample Number 080811001-007

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	93.3	70-130
4-Bromofluorobenzene	EPA 8260B	96.2	70-130
Toluene-d8	EPA 8260B	100.8	70-130

Authorized Signature

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87693; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080811001
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808113
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080811001-002	**Sampling Date**	8/4/2008	**Date/Time Received**	8/8/2008	10:45 AM
Client Sample ID	0808113-01B / MW-1	**Sampling Time**	11:00 AM	**Extraction Date**	8/11/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichlorobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1-Methylnaphthalene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2-Chlorophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
2-Methylphenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
3+4-Methylphenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
4-Nitrophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Acenaphthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Anthracene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[a]anthracene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[a]pyrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzyl alcohol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Butylbenzylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Chrysene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Diethylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Dimethylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Di-n-butylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Di-n-octylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Fluoranthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Fluorene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Naphthalene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Nitrobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87693; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080811001
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808113
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080811001-002	**Sampling Date**	8/4/2008	**Date/Time Received**	8/8/2008	10:45 AM
Client Sample ID	0808113-01B / MW-1	**Sampling Time**	11:00 AM	**Extraction Date**	8/11/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Phenanthrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Phenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Pyrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Pyridine	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1,4-Dioxane	ND	ug/L	5	8/25/2008	EMP	EPA 8270CMOD	
5-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
6-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzenethiole	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270CMOD	
Benzo(j)fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Dibenz[a,j]acridine	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Quinoline	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	

Surrogate Data

Sample Number 080811001-002

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270C	71.4	10-123
2-Fluorobiphenyl	EPA 8270C	62.1	19-130
2-Fluorophenol	EPA 8270C	53.9	21-110
Nitrobenzene-d5	EPA 8270C	58.1	25-130
Phenol-d5	EPA 8270C	60.7	10-110
Terphenyl-d14	EPA 8270C	76.4	10-125

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080811001
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808113
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080811001-005	**Sampling Date**	8/5/2008	**Date/Time Received**	8/8/2008	10:45 AM
Client Sample ID	0808113-02B / MW-4	**Sampling Time**	1:40 PM	**Extraction Date**	8/11/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichlorobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1-Methylnaphthalene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2-Chlorophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
2-Methylphenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
3+4-Methylphenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
4-Nitrophenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Acenaphthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Anthracene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[a]anthracene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[a]pyrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Benzyl alcohol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	6.79	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Butylbenzylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Chrysene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Diethylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Dimethylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Di-n-butylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Di-n-octylphthalate	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Fluoranthene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Fluorene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Naphthalene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Nitrobenzene	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
Phenanthrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Phenol	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080811001
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808113
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080811001-005	**Sampling Date**	8/5/2008	**Date/Time Received**	8/8/2008	10:45 AM
Client Sample ID	0808113-02B / MW-4	**Sampling Time**	1:40 PM	**Extraction Date**	8/11/2008	
Matrix:	Water					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Pyrene	ND	ug/L	0.1	8/21/2008	EMP	EPA 8270C	
Pyridine	ND	ug/L	0.5	8/21/2008	EMP	EPA 8270C	
1,4-Dioxane	ND	ug/L	5	8/25/2008	EMP	EPA 8270CMOD	
5-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
6-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzenethiole	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270CMOD	
Benzo(j)fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Dibenz[a,j]acridine	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Quinoline	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	

Surrogate Data

Sample Number 080811001-005

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270C	87.6	10-123
2-Fluorobiphenyl	EPA 8270C	81.2	19-130
2-Fluorophenol	EPA 8270C	69.5	21-110
Nitrobenzene-d5	EPA 8270C	78.5	25-130
Phenol-d5	EPA 8270C	76.2	10-110
Terphenyl-d14	EPA 8270C	87.6	10-125

Authorized Signature John W. Cobb

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87693; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080811001
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808113
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080811001-003	**Sampling Date**	8/4/2008	**Date/Time Received**	8/8/2008	10:45 AM
Client Sample ID	0808113-01F / MW-1	**Sampling Time**	11:00 AM	**Extraction Date**	8/11/2008	
Matrix:	Water	**Sample Location**				

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	8/12/2008	ETL	SM4500CNE	

Sample Number	080811001-006	**Sampling Date**	8/5/2008	**Date/Time Received**	8/8/2008	10:45 AM
Client Sample ID	0808113-02F / MW-4	**Sampling Time**	1:40 PM	**Extraction Date**	8/11/2008	
Matrix:	Water	**Sample Location**				

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	8/12/2008	ETL	SM4500CNE	

Authorized Signature John W. Cobb

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

Thursday, August 28, 2008

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080814035
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808113
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080814035-001	**Sampling Date**	8/5/2008	**Date/Time Received**	8/14/2008	10:45 AM
Client Sample ID	0808113-02G / MW-4	**Sampling Time**	1:40 PM	**Extraction Date**	8/22/2008	
Matrix:	Water	**Sample Location**				

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Antimony	ND	mg/L	0.001	8/26/2008	DMB	EPA 6020A	

Authorized Signature

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080814035
Project Name: 0808113

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Antimony	0.0519	mg/L	0.05	103.8	85-115	8/22/2008	8/26/2008

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
080813034-003	Antimony	ND	0.0518	mg/L	0.05	103.6	75-125	8/22/2008	8/26/2008

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Antimony	0.0560	mg/L	0.05	112.0	7.8	0-20	8/22/2008	8/26/2008

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Antimony	ND	mg/L	0.001	8/22/2008	8/26/2008

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808113

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R29973**		Analysis Date:	8/27/2008 11:08:18 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R29973**		Analysis Date:	8/27/2008 11:25:43 AM	
Fluoride	0.5042	mg/L	0.10	101	90	110			
Chloride	4.949	mg/L	0.10	99.0	90	110			
Nitrate (As N)+Nitrite (As N)	3.456	mg/L	0.20	98.7	90	110			
Phosphorus, Orthophosphate (As P)	5.036	mg/L	0.50	101	90	110			
Sulfate	10.09	mg/L	0.50	101	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-16727		*MBLK*			Batch ID: **16727**		Analysis Date:	8/11/2008 3:21:20 PM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-16727		*LCS*			Batch ID: **16727**		Analysis Date:	8/11/2008 3:56:17 PM	
Diesel Range Organics (DRO)	5.997	mg/L	1.0	120	74	157			
Sample ID: LCSD-16727		*LCSD*			Batch ID: **16727**		Analysis Date:	8/11/2008 4:31:13 PM	
Diesel Range Organics (DRO)	5.243	mg/L	1.0	105	74	157	13.4	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 0808113-01A-MSD		*MSD*			Batch ID: **R29799**		Analysis Date:	8/15/2008 6:48:34 PM	
Gasoline Range Organics (GRO)	0.4844	mg/L	0.050	96.9	80	115	1.07	8.39	
Sample ID: 5ML RB		*MBLK*			Batch ID: **R29799**		Analysis Date:	8/15/2008 9:23:39 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: MB-16787		*MBLK*			Batch ID: **R29799**		Analysis Date:	8/15/2008 1:14:38 PM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: LCS-GRO		*LCS*			Batch ID: **R29799**		Analysis Date:	8/15/2008 5:48:18 PM	
Gasoline Range Organics (GRO)	0.4956	mg/L	0.050	99.1	80	115			
Sample ID: LCS-16787		*LCS*			Batch ID: **R29799**		Analysis Date:	8/15/2008 2:17:33 PM	
Gasoline Range Organics (GRO)	0.5154	mg/L	0.050	103	80	115			
Sample ID: LCSD-16787		*LCSD*			Batch ID: **R29799**		Analysis Date:	8/15/2008 2:47:43 PM	
Gasoline Range Organics (GRO)	0.5306	mg/L	0.050	106	80	115	2.91	8.39	
Sample ID: 0808113-01A-MS		*MS*			Batch ID: **R29799**		Analysis Date:	8/15/2008 6:18:28 PM	
Gasoline Range Organics (GRO)	0.4896	mg/L	0.050	97.9	80	115			
Method: EPA Method 7470: Mercury									
Sample ID: MB-16832		*MBLK*			Batch ID: **16832**		Analysis Date:	8/20/2008 5:46:23 PM	
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-16832		*LCS*			Batch ID: **16832**		Analysis Date:	8/20/2008 5:48:06 PM	
Mercury	0.005056	mg/L	0.00020	100	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808113

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: Dissolved Metals									
Sample ID: MB		*MBLK*			Batch ID: **R29902**		Analysis Date:	8/25/2008 8:49:37 AM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.020						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	1.0						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sample ID: MB		*MBLK*			Batch ID: **R29935**		Analysis Date:	8/26/2008 2:28:11 PM	
Calcium	ND	mg/L	1.0						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Sodium	ND	mg/L	1.0						
Sample ID: LCS		*LCS*			Batch ID: **R29902**		Analysis Date:	8/25/2008 8:54:16 AM	
Arsenic	0.4524	mg/L	0.020	90.5	80	120			
Barium	0.4744	mg/L	0.020	94.9	80	120			
Cadmium	0.4777	mg/L	0.0020	95.5	80	120			
Calcium	51.23	mg/L	1.0	101	80	120			
Chromium	0.5054	mg/L	0.0060	101	80	120			
Lead	0.4640	mg/L	0.0050	92.8	80	120			
Magnesium	50.46	mg/L	1.0	99.9	80	120			
Potassium	52.48	mg/L	1.0	95.4	80	120			
Selenium	0.4668	mg/L	0.050	93.4	80	120			
Silver	0.4817	mg/L	0.0050	96.3	80	120			
Sample ID: LCS		*LCS*			Batch ID: **R29935**		Analysis Date:	8/26/2008 4:03:19 PM	
Calcium	49.91	mg/L	1.0	98.8	80	120			
Lead	0.5090	mg/L	0.0050	102	80	120			
Magnesium	49.69	mg/L	1.0	98.4	80	120			
Potassium	53.30	mg/L	1.0	96.9	80	120			
Sodium	48.92	mg/L	1.0	96.9	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808113

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16726		*MBLK*			Batch ID:	**16726**	Analysis Date:	8/18/2008 10:38:36 AM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Beryllium	ND	mg/L	0.0030						
Cadmium	ND	mg/L	0.0020						
Chromium	ND	mg/L	0.0060						
Cobalt	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Nickel	ND	mg/L	0.010						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Vanadium	ND	mg/L	0.050						
Zinc	ND	mg/L	0.020						
Sample ID: LCS-16726		*LCS*			Batch ID:	**16726**	Analysis Date:	8/18/2008 10:41:36 AM	
Arsenic	0.4928	mg/L	0.020	98.6	80	120			
Barium	0.4962	mg/L	0.010	99.2	80	120			
Beryllium	0.5258	mg/L	0.0030	105	80	120			
Cadmium	0.5034	mg/L	0.0020	101	80	120			
Chromium	0.5050	mg/L	0.0060	101	80	120			
Cobalt	0.5058	mg/L	0.0060	101	80	120			
Lead	0.4921	mg/L	0.0050	98.4	80	120			
Nickel	0.4807	mg/L	0.010	96.1	80	120			
Selenium	0.5034	mg/L	0.050	101	80	120			
Silver	0.5034	mg/L	0.0050	101	80	120			
Vanadium	0.5209	mg/L	0.050	104	80	120			
Zinc	0.4880	mg/L	0.020	97.6	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 8/6/2008

Work Order Number 0808113 | Received by: AT

Checklist completed by: _____ 7/6/08 | Sample ID labels checked by: AT

Signature | Date | Initials

Matrix: | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	6°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup

Mailing Address: Route 3 Box 7 Gallup, NM 87301

Phone #: 505 722 3833

email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: 2008 Annual Groundwater Event

Project #:

Project Manager: Ed Riege

Sampler: Steve Morris

On Ice: ☒ Yes ☐ No

Sample Temperature: 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0808	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals Total and Dissolved	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem Cyanide	Gen Chem Hardness, Calcium	Air Bubbles (Y or N)
8-4-08	1100	H_2O	MW-1			-1			X				X			X	X	X	X	
8-5-08	1340	"	MW-4 *			-2			X				X			X	X	X	X	X	
			Trip Blank			-3														

Date: 8-6-08 Time: 1405 Relinquished by: Steve Morris

Received by: Anne Mura Date Time 8/6/08 1405

Date: Time: Relinquished by:

Received by: Date Time

Remarks: Gen Chem = Cations, Anions, pH, and Conductivity.
* See Modified Chain List.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

MW-5, SWM-2, SWM-4
OW-11,

COVER LETTER

Tuesday, September 16, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 Annual Groundwater Event

Order No.: 0808260

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 4 sample(s) on 8/15/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	MW-5
Lab Order:	0808260	**Collection Date:**	8/13/2008 3:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/18/2008 8:02:42 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/18/2008 8:02:42 PM
Surr: DNOP	128	58-140		%REC	1	8/18/2008 8:02:42 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/26/2008 5:25:15 AM
Surr: BFB	82.5	79.2-121		%REC	1	8/26/2008 5:25:15 AM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.85	0.10		mg/L	1	8/15/2008 3:02:57 PM
Chloride	63	1.0		mg/L	10	8/15/2008 3:20:21 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/15/2008 3:02:57 PM
Bromide	0.15	0.10		mg/L	1	8/15/2008 3:02:57 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	8/15/2008 3:02:57 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/15/2008 3:02:57 PM
Sulfate	180	5.0		mg/L	10	8/15/2008 3:20:21 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/27/2008 4:51:09 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	9/5/2008 12:30:27 PM
Barium	ND	0.020		mg/L	1	9/5/2008 12:30:27 PM
Cadmium	ND	0.0020		mg/L	1	9/5/2008 12:30:27 PM
Calcium	14	1.0		mg/L	1	9/5/2008 12:30:27 PM
Chromium	ND	0.0060		mg/L	1	9/5/2008 12:30:27 PM
Lead	ND	0.0050		mg/L	1	9/5/2008 12:30:27 PM
Magnesium	ND	1.0		mg/L	1	9/5/2008 12:30:27 PM
Potassium	ND	1.0		mg/L	1	9/5/2008 12:30:27 PM
Selenium	ND	0.050		mg/L	1	9/5/2008 12:30:27 PM
Silver	ND	0.0050		mg/L	1	9/5/2008 12:30:27 PM
Sodium	260	10		mg/L	10	9/5/2008 2:10:43 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/2/2008 1:00:33 PM
Barium	ND	0.020		mg/L	1	9/2/2008 10:26:21 AM
Beryllium	ND	0.0030		mg/L	1	9/2/2008 10:26:21 AM
Cadmium	ND	0.0020		mg/L	1	9/2/2008 10:26:21 AM
Chromium	ND	0.0060		mg/L	1	9/2/2008 10:26:21 AM
Cobalt	ND	0.0060		mg/L	1	9/2/2008 10:26:21 AM
Lead	ND	0.0050		mg/L	1	9/2/2008 10:26:21 AM
Nickel	ND	0.010		mg/L	1	9/2/2008 10:26:21 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	MW-5
Lab Order:	0808260	**Collection Date:**	8/13/2008 3:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Selenium	ND	0.050		mg/L	1	9/2/2008 1:00:33 PM
Silver	ND	0.0050		mg/L	1	9/2/2008 10:26:21 AM
Vanadium	ND	0.050		mg/L	1	9/2/2008 10:26:21 AM
Zinc	ND	0.050		mg/L	1	9/2/2008 10:26:21 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1200	0.010		µmhos/cm	1	8/20/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	9.02	0.1		pH units	1	8/15/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	SMW-2
Lab Order:	0808260	**Collection Date:**	8/14/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/18/2008 8:36:49 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/18/2008 8:36:49 PM
Surr: DNOP	128	58-140		%REC	1	8/18/2008 8:36:49 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	0.36	0.050		mg/L	1	8/26/2008 5:55:39 AM
Surr: BFB	1690	79.2-121	S	%REC	1	8/26/2008 5:55:39 AM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.36	0.10		mg/L	1	8/15/2008 3:37:46 PM
Chloride	2000	5.0		mg/L	50	8/28/2008 2:08:23 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	8/15/2008 3:55:11 PM
Bromide	3.1	0.10		mg/L	1	8/15/2008 3:37:46 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	8/15/2008 3:37:46 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/15/2008 3:37:46 PM
Sulfate	1600	25		mg/L	50	8/28/2008 2:08:23 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/27/2008 4:52:56 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	9/5/2008 12:34:26 PM
Barium	ND	0.020		mg/L	1	9/5/2008 12:34:26 PM
Cadmium	ND	0.0020		mg/L	1	9/5/2008 12:34:26 PM
Calcium	200	10		mg/L	10	9/5/2008 2:13:11 PM
Chromium	ND	0.0060		mg/L	1	9/5/2008 12:34:26 PM
Lead	ND	0.0050		mg/L	1	9/5/2008 12:34:26 PM
Magnesium	64	1.0		mg/L	1	9/5/2008 12:34:26 PM
Potassium	ND	1.0		mg/L	1	9/5/2008 12:34:26 PM
Selenium	ND	0.25		mg/L	5	9/8/2008 1:13:53 PM
Silver	ND	0.0050		mg/L	1	9/5/2008 12:34:26 PM
Sodium	1900	100		mg/L	100	9/5/2008 2:15:51 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/2/2008 1:03:02 PM
Barium	ND	0.020		mg/L	1	9/2/2008 10:29:49 AM
Beryllium	ND	0.0030		mg/L	1	9/2/2008 10:29:49 AM
Cadmium	ND	0.0020		mg/L	1	9/2/2008 10:29:49 AM
Chromium	0.0092	0.0060		mg/L	1	9/2/2008 10:29:49 AM
Cobalt	ND	0.0060		mg/L	1	9/2/2008 10:29:49 AM
Lead	ND	0.0050		mg/L	1	9/2/2008 10:29:49 AM
Nickel	0.017	0.010		mg/L	1	9/2/2008 10:29:49 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	SMW-2
Lab Order:	0808260	**Collection Date:**	8/14/2008 9:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Selenium	ND	0.050		mg/L	1	9/2/2008 1:03:02 PM
Silver	ND	0.0050		mg/L	1	9/2/2008 10:29:49 AM
Vanadium	ND	0.050		mg/L	1	9/2/2008 10:29:49 AM
Zinc	0.11	0.050		mg/L	1	9/2/2008 10:29:49 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	8700	0.010		µmhos/cm	1	8/20/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.25	0.1		pH units	1	8/15/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	SMW-4
Lab Order:	0808260	**Collection Date:**	8/14/2008 1:30:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/18/2008 9:44:57 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/18/2008 9:44:57 PM
Surr: DNOP	124	58-140		%REC	1	8/18/2008 9:44:57 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/26/2008 6:25:59 AM
Surr: BFB	88.1	79.2-121		%REC	1	8/26/2008 6:25:59 AM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.1	0.10		mg/L	1	8/15/2008 4:12:36 PM
Chloride	52	1.0		mg/L	10	8/15/2008 4:30:01 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/15/2008 4:12:36 PM
Bromide	0.15	0.10		mg/L	1	8/15/2008 4:12:36 PM
Nitrogen, Nitrate (As N)	0.11	0.10		mg/L	1	8/15/2008 4:12:36 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/15/2008 4:12:36 PM
Sulfate	150	5.0		mg/L	10	8/15/2008 4:30:01 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/27/2008 4:54:43 PM
EPA METHOD 6010B: DISSOLVED METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	9/5/2008 12:40:08 PM
Barium	ND	0.020		mg/L	1	9/5/2008 12:40:08 PM
Cadmium	ND	0.0020		mg/L	1	9/5/2008 12:40:08 PM
Calcium	310	1.0		mg/L	1	9/5/2008 12:40:08 PM
Chromium	ND	0.0060		mg/L	1	9/5/2008 12:40:08 PM
Lead	ND	0.0050		mg/L	1	9/5/2008 12:40:08 PM
Magnesium	ND	1.0		mg/L	1	9/5/2008 12:40:08 PM
Potassium	ND	1.0		mg/L	1	9/5/2008 12:40:08 PM
Selenium	ND	0.050		mg/L	1	9/5/2008 12:40:08 PM
Silver	ND	0.0050		mg/L	1	9/5/2008 12:40:08 PM
Sodium	280	10		mg/L	10	9/5/2008 2:20:11 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/2/2008 1:06:20 PM
Barium	ND	0.020		mg/L	1	9/2/2008 10:39:29 AM
Beryllium	ND	0.0030		mg/L	1	9/2/2008 10:39:29 AM
Cadmium	ND	0.0020		mg/L	1	9/2/2008 10:39:29 AM
Chromium	ND	0.0060		mg/L	1	9/2/2008 10:39:29 AM
Cobalt	0.017	0.0060		mg/L	1	9/2/2008 10:39:29 AM
Lead	ND	0.0050		mg/L	1	9/2/2008 10:39:29 AM
Nickel	ND	0.010		mg/L	1	9/2/2008 10:39:29 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	SMW-4
Lab Order:	0808260	**Collection Date:**	8/14/2008 1:30:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Selenium	ND	0.050		mg/L	1	9/2/2008 1:06:20 PM
Silver	ND	0.0050		mg/L	1	9/2/2008 10:39:29 AM
Vanadium	0.053	0.050		mg/L	1	9/2/2008 10:39:29 AM
Zinc	ND	0.050		mg/L	1	9/2/2008 10:39:29 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	1200	0.010		µmhos/cm	1	8/20/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.63	0.1		pH units	1	8/15/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-11
Lab Order:	0808260	**Collection Date:**	8/14/2008 4:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	2.2	0.10		mg/L	1	8/15/2008 5:22:15 PM
Chloride	90	1.0		mg/L	10	8/15/2008 5:39:39 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/15/2008 5:22:15 PM
Bromide	0.29	0.10		mg/L	1	8/15/2008 5:22:15 PM
Nitrogen, Nitrate (As N)	0.75	0.10		mg/L	1	8/15/2008 5:22:15 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/15/2008 5:22:15 PM
Sulfate	940	10		mg/L	20	8/28/2008 2:25:48 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/27/2008 4:56:31 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/2/2008 1:08:29 PM
Barium	ND	0.010		mg/L	1	9/2/2008 10:41:58 AM
Cadmium	ND	0.0020		mg/L	1	9/2/2008 10:41:58 AM
Calcium	11	0.50		mg/L	1	9/2/2008 10:41:58 AM
Chromium	ND	0.0060		mg/L	1	9/2/2008 10:41:58 AM
Copper	ND	0.0060		mg/L	1	9/2/2008 10:41:58 AM
Iron	ND	0.050		mg/L	1	9/2/2008 10:41:58 AM
Lead	ND	0.0050		mg/L	1	9/2/2008 10:41:58 AM
Magnesium	1.3	0.50		mg/L	1	9/2/2008 10:41:58 AM
Manganese	0.015	0.0020		mg/L	1	9/2/2008 10:41:58 AM
Potassium	1.8	1.0		mg/L	1	9/2/2008 10:41:58 AM
Selenium	ND	0.050		mg/L	1	9/2/2008 1:08:29 PM
Silver	ND	0.0050		mg/L	1	9/2/2008 10:41:58 AM
Sodium	640	5.0		mg/L	10	9/2/2008 10:47:47 AM
Zinc	ND	0.020		mg/L	1	9/2/2008 10:41:58 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	8/21/2008
Acenaphthylene	ND	10		µg/L	1	8/21/2008
Aniline	ND	10		µg/L	1	8/21/2008
Anthracene	ND	10		µg/L	1	8/21/2008
Azobenzene	ND	10		µg/L	1	8/21/2008
Benz(a)anthracene	ND	10		µg/L	1	8/21/2008
Benzo(a)pyrene	ND	10		µg/L	1	8/21/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	8/21/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	8/21/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	8/21/2008
Benzoic acid	ND	20		µg/L	1	8/21/2008
Benzyl alcohol	ND	10		µg/L	1	8/21/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	8/21/2008

Qualifiers:

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E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-11
Lab Order:	0808260	**Collection Date:**	8/14/2008 4:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Bis(2-chloroethyl)ether	ND	10		µg/L	1	8/21/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	8/21/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	8/21/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	8/21/2008
Butyl benzyl phthalate	ND	10		µg/L	1	8/21/2008
Carbazole	ND	10		µg/L	1	8/21/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	8/21/2008
4-Chloroaniline	ND	10		µg/L	1	8/21/2008
2-Chloronaphthalene	ND	10		µg/L	1	8/21/2008
2-Chlorophenol	ND	10		µg/L	1	8/21/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	8/21/2008
Chrysene	ND	10		µg/L	1	8/21/2008
Di-n-butyl phthalate	ND	10		µg/L	1	8/21/2008
Di-n-octyl phthalate	ND	10		µg/L	1	8/21/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	8/21/2008
Dibenzofuran	ND	10		µg/L	1	8/21/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	8/21/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	8/21/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	8/21/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	8/21/2008
Diethyl phthalate	ND	10		µg/L	1	8/21/2008
Dimethyl phthalate	ND	10		µg/L	1	8/21/2008
2,4-Dichlorophenol	ND	20		µg/L	1	8/21/2008
2,4-Dimethylphenol	ND	10		µg/L	1	8/21/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	8/21/2008
2,4-Dinitrophenol	ND	20		µg/L	1	8/21/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	8/21/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	8/21/2008
Fluoranthene	ND	10		µg/L	1	8/21/2008
Fluorene	ND	10		µg/L	1	8/21/2008
Hexachlorobenzene	ND	10		µg/L	1	8/21/2008
Hexachlorobutadiene	ND	10		µg/L	1	8/21/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	8/21/2008
Hexachloroethane	ND	10		µg/L	1	8/21/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	8/21/2008
Isophorone	ND	10		µg/L	1	8/21/2008
2-Methylnaphthalene	ND	10		µg/L	1	8/21/2008
2-Methylphenol	ND	10		µg/L	1	8/21/2008
3+4-Methylphenol	ND	10		µg/L	1	8/21/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	8/21/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	8/21/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	8/21/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-11
Lab Order:	0808260	**Collection Date:**	8/14/2008 4:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Naphthalene	ND	10		µg/L	1	8/21/2008
2-Nitroaniline	ND	10		µg/L	1	8/21/2008
3-Nitroaniline	ND	10		µg/L	1	8/21/2008
4-Nitroaniline	ND	10		µg/L	1	8/21/2008
Nitrobenzene	ND	10		µg/L	1	8/21/2008
2-Nitrophenol	ND	10		µg/L	1	8/21/2008
4-Nitrophenol	ND	10		µg/L	1	8/21/2008
Pentachlorophenol	ND	40		µg/L	1	8/21/2008
Phenanthrene	ND	10		µg/L	1	8/21/2008
Phenol	ND	10		µg/L	1	8/21/2008
Pyrene	ND	10		µg/L	1	8/21/2008
Pyridine	ND	10		µg/L	1	8/21/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	8/21/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	8/21/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	8/21/2008
Surr: 2,4,6-Tribromophenol	75.3	16.6-150		%REC	1	8/21/2008
Surr: 2-Fluorobiphenyl	86.5	19.6-134		%REC	1	8/21/2008
Surr: 2-Fluorophenol	78.3	9.54-113		%REC	1	8/21/2008
Surr: 4-Terphenyl-d14	67.3	22.7-145		%REC	1	8/21/2008
Surr: Nitrobenzene-d5	87.8	14.6-134		%REC	1	8/21/2008
Surr: Phenol-d5	72.6	10.7-80.3		%REC	1	8/21/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Toluene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Ethylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Naphthalene	ND	2.0		µg/L	1	8/19/2008 11:02:41 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/19/2008 11:02:41 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/19/2008 11:02:41 PM
Acetone	ND	10		µg/L	1	8/19/2008 11:02:41 PM
Bromobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Bromoform	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Bromomethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
2-Butanone	ND	10		µg/L	1	8/19/2008 11:02:41 PM
Carbon disulfide	ND	10		µg/L	1	8/19/2008 11:02:41 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-11
Lab Order:	0808260	**Collection Date:**	8/14/2008 4:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Chlorobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Chloroethane	ND	2.0		µg/L	1	8/19/2008 11:02:41 PM
Chloroform	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Chloromethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/19/2008 11:02:41 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Dibromomethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/19/2008 11:02:41 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
2-Hexanone	ND	10		µg/L	1	8/19/2008 11:02:41 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/19/2008 11:02:41 PM
Methylene Chloride	ND	3.0		µg/L	1	8/19/2008 11:02:41 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Styrene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/19/2008 11:02:41 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-11
Lab Order:	0808260	**Collection Date:**	8/14/2008 4:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/15/2008
Lab ID:	0808260-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Trichlorofluoromethane	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/19/2008 11:02:41 PM
Vinyl chloride	ND	1.0		µg/L	1	8/19/2008 11:02:41 PM
Xylenes, Total	ND	1.5		µg/L	1	8/19/2008 11:02:41 PM
Surr: 1,2-Dichloroethane-d4	92.2	68.1-123		%REC	1	8/19/2008 11:02:41 PM
Surr: 4-Bromofluorobenzene	105	53.2-145		%REC	1	8/19/2008 11:02:41 PM
Surr: Dibromofluoromethane	95.0	68.5-119		%REC	1	8/19/2008 11:02:41 PM
Surr: Toluene-d8	98.7	64-131		%REC	1	8/19/2008 11:02:41 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	2600	0.010		µmhos/cm	1	8/20/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.39	0.1		pH units	1	8/15/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080819037
Project Name: 0808260

Analytical Results Report

Sample Number	080819037-001	**Sampling Date**	8/13/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-01B / MW-5	**Sampling Time**	3:45 PM	**Extraction Date**	
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,2-Dibromoethane	ND	ug/L	0.1	8/21/2008	TGT	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Acetone	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
Benzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Carbon disulfide	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chlorobenzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chloroform	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chloromethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Ethylbenzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
m+p-Xylene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
Methylene chloride	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
o-Xylene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Styrene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Tetrachloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Toluene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Trichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	

Surrogate Data

Sample Number 080819037-001

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	96.8	70-130
4-Bromofluorobenzene	EPA 8260B	101.6	70-130
Toluene-d8	EPA 8260B	104.4	70-130

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080819037
Project Name: 0808260

Analytical Results Report

Sample Number	080819037-005	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-02B / SMW-2	**Sampling Time**	9:00 AM	**Extraction Date**	
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,2-Dibromoethane	ND	ug/L	0.1	8/21/2008	TGT	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Acetone	7.53	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
Benzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Carbon disulfide	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chlorobenzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chloroform	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chloromethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Ethylbenzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
m+p-Xylene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
Methylene chloride	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
o-Xylene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Styrene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Tetrachloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Toluene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Trichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	

Surrogate Data

Sample Number 080819037-005

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	95.2	70-130
4-Bromofluorobenzene	EPA 8260B	104.4	70-130
Toluene-d8	EPA 8260B	107.2	70-130

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D	**Project Name:**	0808260
	ALBUQUERQUE, NM 87109		
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-009	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-03B / SMW-4	**Sampling Time**	1:30 PM	**Extraction Date**	
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1,1-Trichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1-Dichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,1-Dichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
1,2-Dibromoethane	ND	ug/L	0.1	8/21/2008	TGT	EPA 8260B	
1,2-Dichloroethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Acetone	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
Benzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Carbon disulfide	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chlorobenzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chloroform	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Chloromethane	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Ethylbenzene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
m+p-Xylene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
Methylene chloride	ND	ug/L	2.5	8/21/2008	TGT	EPA 8260B	
o-Xylene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Styrene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Tetrachloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Toluene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
trans-1,2-Dichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	
Trichloroethene	ND	ug/L	0.5	8/21/2008	TGT	EPA 8260B	

Surrogate Data

Sample Number 080819037-009

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260B	94.8	70-130
4-Bromofluorobenzene	EPA 8260B	102.8	70-130
Toluene-d8	EPA 8260B	106.0	70-130

Authorized Signature

John W. Cobb

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D	**Project Name:**	0808260
	ALBUQUERQUE, NM 87109		
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-002	**Sampling Date**	8/13/2008	**Date/Time Received**	8/19/2008	11:15 AM
Client Sample ID	0808260-01C / MW-5	**Sampling Time**	3:45 PM	**Extraction Date**	8/19/2008	
Matrix	Water	**Sample Location**				
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1-Methylnaphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2-Chlorophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
2-Methylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
3+4-Methylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
4-Nitrophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Acenaphthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[a]anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[a]pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzyl alcohol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Butylbenzylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Chrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Diethylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Dimethylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Di-n-butylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Di-n-octylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Fluorene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Naphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Nitrobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Phenanthrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-002	**Sampling Date**	8/13/2008	**Date/Time Received**	8/19/2008	11:15 AM
Client Sample ID	0808260-01C / MW-5	**Sampling Time**	3:45 PM	**Extraction Date**	8/19/2008	
Matrix	Water	**Sample Location**				
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Phenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Pyridine	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,4-Dioxane	ND	ug/L	5	8/25/2008	EMP	EPA 8270CMOD	
5-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
6-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzenethiole	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzo(j)fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Dibenz[a,j]acridine	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Quinoline	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	

Surrogate Data

Sample Number 080819037-002

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270C	83.5	10-123
2-Fluorobiphenyl	EPA 8270C	72.6	19-130
2-Fluorophenol	EPA 8270C	80.7	21-110
Nitrobenzene-d5	EPA 8270C	92.8	25-130
Phenol-d5	EPA 8270C	90.5	10-110
Terphenyl-d14	EPA 8270C	108.2	10-125

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-006	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008	11:15 AM
Client Sample ID	0808260-02C / SMW-2	**Sampling Time**	9:00 AM	**Extraction Date**	8/19/2008	
Matrix	Water	**Sample Location**				
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1-Methylnaphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2-Chlorophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
2-Methylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
3+4-Methylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
4-Nitrophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Acenaphthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[a]anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[a]pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzyl alcohol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Butylbenzylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Chrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Diethylphthalate	0.57	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Dimethylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Di-n-butylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Di-n-octylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Fluorene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Naphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Nitrobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Phenanthrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Phenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-006	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008	11:15 AM
Client Sample ID	0808260-02C / SMW-2	**Sampling Time**	9:00 AM	**Extraction Date**	8/19/2008	
Matrix	Water	**Sample Location**				
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Pyridine	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,4-Dioxane	13.6	ug/L	5	8/25/2008	EMP	EPA 8270CMOD	
5-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
6-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzenethiole	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzo(j)fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Dibenz[a,j]acridine	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Quinoline	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	

Surrogate Data

Sample Number 080819037-006

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270C	92.5	10-123
2-Fluorobiphenyl	EPA 8270C	86.4	19-130
2-Fluorophenol	EPA 8270C	82.7	21-110
Nitrobenzene-d5	EPA 8270C	88.1	25-130
Phenol-d5	EPA 8270C	96.0	10-110
Terphenyl-d14	EPA 8270C	86.4	10-125

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-010	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008	11:15 AM
Client Sample ID	0808260-03C / SMW-4	**Sampling Time**	1:30 PM	**Extraction Date**	8/19/2008	
Matrix	Water	**Sample Location**				
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
1,2-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,3-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,4-Dichlorobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1-Methylnaphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
2,4,6-Trichlorophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dimethylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dinitrophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2,4-Dinitrotoluene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2-Chlorophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
2-Methylnaphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
2-Methylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
3+4-Methylphenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
4-Nitrophenol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Acenaphthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[a]anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[a]pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[b]fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzo[k]fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Benzyl alcohol	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
bis(2-Ethylhexyl)phthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Butylbenzylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Chrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Dibenz[a,h]anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Diethylphthalate	0.50	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Dimethylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Di-n-butylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Di-n-octylphthalate	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Fluorene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Naphthalene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Nitrobenzene	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Phenanthrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	
Phenol	1.13	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
Pyrene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270C	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-010	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008	11:15 AM
Client Sample ID	0808260-03C / SMW-4	**Sampling Time**	1:30 PM	**Extraction Date**	8/19/2008	
Matrix	Water	**Sample Location**				
Comments						

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Pyridine	ND	ug/L	0.5	8/25/2008	EMP	EPA 8270C	
1,4-Dioxane	ND	ug/L	5	8/25/2008	EMP	EPA 8270CMOD	
5-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
6-Methylchrysene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzenethiole	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Benzo(j)fluoranthene	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Dibenz[a,j]acridine	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	
Quinoline	ND	ug/L	0.1	8/25/2008	EMP	EPA 8270CMOD	

Surrogate Data

Sample Number 080819037-010

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270C	84.6	10-123
2-Fluorobiphenyl	EPA 8270C	87.2	19-130
2-Fluorophenol	EPA 8270C	81.5	21-110
Nitrobenzene-d5	EPA 8270C	91.0	25-130
Phenol-d5	EPA 8270C	91.2	10-110
Terphenyl-d14	EPA 8270C	104.8	10-125

Authorized Signature John W. Coltrin

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-004	**Sampling Date**	8/13/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-01H / MW-5	**Sampling Time**	3:45 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	8/21/2008	ETL	SM4500CNE	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-008	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-02H / SMW-2	**Sampling Time**	9:00 AM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	0.0617	mg/L	0.01	8/21/2008	ETL	SM4500CNE	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-012	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-03H / SMW-4	**Sampling Time**	1:30 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	8/21/2008	ETL	SM4500CNE	

Authorized Signature

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-003	**Sampling Date**	8/13/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-01G / MW-5	**Sampling Time**	3:45 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Antimony	ND	mg/L	0.001	9/4/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-007	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-02G / SMW-2	**Sampling Time**	9:00 AM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Antimony	ND	mg/L	0.001	9/4/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-011	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-03G / SMW-4	**Sampling Time**	1:30 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Antimony	ND	mg/L	0.001	9/4/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080819037
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0808260
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080819037-013	**Sampling Date**	8/14/2008	**Date/Time Received**	8/19/2008 11:15 AM
Client Sample ID	0808260-04E / OW-11	**Sampling Time**	4:15 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.249	mg/L	0.001	9/5/2008	DMB	EPA 6020A	

Authorized Signature

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R29808**		Analysis Date:	8/15/2008 10:24:20 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R30012**		Analysis Date:	8/28/2008 9:47:15 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Bromide	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R29808**		Analysis Date:	8/15/2008 10:41:45 AM	
Fluoride	0.5309	mg/L	0.10	106	90	110			
Chloride	4.942	mg/L	0.10	98.8	90	110			
Nitrogen, Nitrite (As N)	1.004	mg/L	0.10	100	90	110			
Bromide	2.579	mg/L	0.10	103	90	110			
Nitrogen, Nitrate (As N)	2.515	mg/L	0.10	101	90	110			
Phosphorus, Orthophosphate (As P)	5.112	mg/L	0.50	102	90	110			
Sulfate	10.23	mg/L	0.50	102	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R30012**		Analysis Date:	8/28/2008 10:04:39 AM	
Fluoride	0.5088	mg/L	0.10	102	90	110			
Chloride	4.854	mg/L	0.10	97.1	90	110			
Nitrogen, Nitrite (As N)	0.9857	mg/L	0.10	98.6	90	110			
Bromide	2.497	mg/L	0.10	99.9	90	110			
Nitrogen, Nitrate (As N)	2.504	mg/L	0.10	100	90	110			
Phosphorus, Orthophosphate (As P)	4.890	mg/L	0.50	97.8	90	110			
Sulfate	10.09	mg/L	0.50	101	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-16802		*MBLK*			Batch ID: **16802**		Analysis Date:	8/18/2008 9:18:03 AM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-16802		*LCS*			Batch ID: **16802**		Analysis Date:	8/18/2008 9:51:32 AM	
Diesel Range Organics (DRO)	4.910	mg/L	1.0	98.2	74	157			
Sample ID: LCSD-16802		*LCSD*			Batch ID: **16802**		Analysis Date:	8/18/2008 10:25:06 AM	
Diesel Range Organics (DRO)	4.761	mg/L	1.0	95.2	74	157	3.10	23	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 0808260-03A-MSD		*MSD*			Batch ID:	**R29921**	Analysis Date:		8/26/2008 7:26:32 AM
Gasoline Range Organics (GRO)	0.4072	mg/L	0.050	81.4	80	115	0.0491	8.39	
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R29921**	Analysis Date:		8/25/2008 9:06:48 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R29921**	Analysis Date:		8/25/2008 9:06:48 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R29921**	Analysis Date:		8/26/2008 2:59:23 PM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: LCS-GRO		*LCS*			Batch ID:	**R29921**	Analysis Date:		8/25/2008 5:25:30 PM
Gasoline Range Organics (GRO)	0.5666	mg/L	0.050	113	80	115			
Sample ID: LCS-GRO		*LCS*			Batch ID:	**R29921**	Analysis Date:		8/25/2008 5:25:30 PM
Gasoline Range Organics (GRO)	0.5666	mg/L	0.050	113	80	115			
Sample ID: LCS-GRO		*LCS*			Batch ID:	**R29921**	Analysis Date:		8/26/2008 4:30:47 PM
Gasoline Range Organics (GRO)	0.4266	mg/L	0.050	85.3	80	115			
Sample ID: 0808260-03A-MS		*MS*			Batch ID:	**R29921**	Analysis Date:		8/26/2008 6:56:16 AM
Gasoline Range Organics (GRO)	0.4074	mg/L	0.050	81.5	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16804		*MBLK*			Batch ID: **16804**		Analysis Date:		8/21/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
[illegible]bazole	ND	µg/L	10						
[illegible]nloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16804		*MBLK*			Batch ID: **16804**		Analysis Date:		8/21/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	40						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16804		*LCS*			Batch ID: **16804**		Analysis Date:		8/21/2008
Acenaphthene	43.66	µg/L	10	43.7	11	123			
4-Chloro-3-methylphenol	102.0	µg/L	10	50.1	15.4	119			
2-Chlorophenol	95.42	µg/L	10	46.7	12.2	122			
1,4-Dichlorobenzene	37.00	µg/L	10	37.0	16.9	100			
2,4-Dinitrotoluene	43.10	µg/L	10	43.1	13	138			
N-Nitrosodi-n-propylamine	50.50	µg/L	10	50.5	9.93	122			
4-Nitrophenol	67.84	µg/L	10	33.9	12.5	87.4			
Pentachlorophenol	91.04	µg/L	40	45.5	3.55	114			
Phenol	70.52	µg/L	10	35.3	7.53	73.1			
Pyrene	52.60	µg/L	10	52.6	12.6	140			
1,2,4-Trichlorobenzene	38.40	µg/L	10	38.4	17.4	98.7			
Sample ID: lcsd-16804		*LCSD*			Batch ID: **16804**		Analysis Date:		8/21/2008
Acenaphthene	51.78	µg/L	10	51.8	11	123	17.0	30.5	
4-Chloro-3-methylphenol	120.8	µg/L	10	59.5	15.4	119	16.9	28.6	
2-Chlorophenol	112.9	µg/L	10	55.5	12.2	122	16.8	107	
1,4-Dichlorobenzene	42.48	µg/L	10	42.5	16.9	100	13.8	62.1	
2,4-Dinitrotoluene	50.30	µg/L	10	50.3	13	138	15.4	14.7	R

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16804		*LCSD*			Batch ID:	**16804**	Analysis Date:		8/21/2008
N-Nitrosodi-n-propylamine	58.30	µg/L	10	58.3	9.93	122	14.3	30.3	
4-Nitrophenol	92.10	µg/L	10	46.0	12.5	87.4	30.3	36.3	
Pentachlorophenol	103.7	µg/L	40	51.9	3.55	114	13.0	49	
Phenol	90.88	µg/L	10	45.4	7.53	73.1	25.2	52.4	
Pyrene	60.08	µg/L	10	60.1	12.6	140	13.3	16.3	
1,2,4-Trichlorobenzene	45.64	µg/L	10	45.6	17.4	98.7	17.2	36.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
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R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 6010B: Dissolved Metals									
Sample ID: MB		*MBLK*			Batch ID:	R	Analysis Date:	4/30/2008 9:19:40 AM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.020						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	1.0						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	1.0						
Sample ID: MBLK		*MBLK*			Batch ID:	R	Analysis Date:	6/25/2008 3:24:59 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.020						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	1.0						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
[illegible]nesium	ND	mg/L	1.0						
[illegible]assium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	1.0						
Sample ID: MB		*MBLK*			Batch ID:	R30090	Analysis Date:	9/5/2008 11:35:22 AM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.020						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	1.0						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	1.0						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	1.0						
Sample ID: LCS		*LCS*			Batch ID:	R	Analysis Date:	4/30/2008 9:22:42 AM	
Arsenic	0.5348	mg/L	0.020	107	80	120			
Barium	0.5362	mg/L	0.020	107	80	120			
Cadmium	0.5444	mg/L	0.0020	109	80	120			
Calcium	54.80	mg/L	1.0	109	80	120			
Chromium	0.5356	mg/L	0.0060	107	80	120			
Lead	0.5346	mg/L	0.0050	107	80	120			
Magnesium	55.05	mg/L	1.0	109	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: **EPA Method 6010B: Dissolved Metals**									
Sample ID: **LCS**		*LCS*			Batch ID:		**R**	Analysis Date:	4/30/2008 9:22:42 AM
Potassium	57.07	mg/L	1.0	104	80	120			
Selenium	0.5310	mg/L	0.050	106	80	120			
Silver	0.5409	mg/L	0.0050	108	80	120			
Sodium	58.10	mg/L	1.0	115	80	120			
Sample ID: **LCS**		*LCS*			Batch ID:		**R**	Analysis Date:	6/25/2008 3:30:49 PM
Arsenic	0.5195	mg/L	0.020	104	80	120			
Barium	0.5029	mg/L	0.020	101	80	120			
Cadmium	0.5084	mg/L	0.0020	102	80	120			
Calcium	50.28	mg/L	1.0	99.6	80	120			
Chromium	0.5059	mg/L	0.0060	101	80	120			
Lead	0.5068	mg/L	0.0050	101	80	120			
Magnesium	50.27	mg/L	1.0	99.5	80	120			
Potassium	53.94	mg/L	1.0	98.1	80	120			
Selenium	0.4864	mg/L	0.050	97.3	80	120			
Silver	0.5139	mg/L	0.0050	103	80	120			
Sodium	53.49	mg/L	1.0	106	80	120			
Sample ID: **LCS**		*LCS*			Batch ID:	**R30090**		Analysis Date:	9/5/2008 11:38:21 AM
Arsenic	0.4961	mg/L	0.020	99.2	80	120			
Barium	0.4826	mg/L	0.020	96.5	80	120			
Cadmium	0.4964	mg/L	0.0020	99.3	80	120			
Calcium	50.04	mg/L	1.0	99.1	80	120			
Chromium	0.4885	mg/L	0.0060	97.7	80	120			
Lead	0.4835	mg/L	0.0050	96.7	80	120			
Magnesium	50.36	mg/L	1.0	99.7	80	120			
Potassium	52.88	mg/L	1.0	96.1	80	120			
Selenium	0.4809	mg/L	0.050	96.2	80	120			
Silver	0.4876	mg/L	0.0050	97.5	80	120			
Sodium	49.64	mg/L	1.0	98.3	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16876		*MBLK*			Batch ID:	**16876**	Analysis Date:	8/28/2008 11:55:26 AM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sample ID: MB-16876		*MBLK*			Batch ID:	**16876**	Analysis Date:	9/2/2008 10:17:34 AM	
Barium	ND	mg/L	0.010						
Beryllium	ND	mg/L	0.0030						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Cobalt	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
[illegible]nganese	ND	mg/L	0.0020						
[illegible]ickel	ND	mg/L	0.010						
Potassium	ND	mg/L	1.0						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Vanadium	ND	mg/L	0.050						
Zinc	ND	mg/L	0.020						
Sample ID: MB-16876		*MBLK*			Batch ID:	**16876**	Analysis Date:	9/2/2008 12:52:59 PM	
Arsenic	ND	mg/L	0.020						
Selenium	ND	mg/L	0.050						
Sample ID: LCS-16876		*LCS*			Batch ID:	**16876**	Analysis Date:	8/28/2008 11:57:19 AM	
Arsenic	0.4914	mg/L	0.020	98.3	80	120			
Barium	0.4796	mg/L	0.010	95.9	80	120			
Cadmium	0.4924	mg/L	0.0020	98.5	80	120			
Chromium	0.4942	mg/L	0.0060	98.8	80	120			
Lead	0.4785	mg/L	0.0050	95.0	80	120			
Selenium	0.4934	mg/L	0.050	98.7	80	120			
Silver	0.4969	mg/L	0.0050	99.4	80	120			
Sample ID: LCS-16876		*LCS*			Batch ID:	**16876**	Analysis Date:	9/2/2008 10:19:54 AM	
Barium	0.4752	mg/L	0.010	95.0	80	120			
Beryllium	0.5101	mg/L	0.0030	102	80	120			
Cadmium	0.4758	mg/L	0.0020	95.2	80	120			
Calcium	49.72	mg/L	0.50	99.4	80	120			
Chromium	0.4812	mg/L	0.0060	96.2	80	120			
Cobalt	0.4871	mg/L	0.0060	97.4	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: LCS-16876		*LCS*			Batch ID:	**16876**	Analysis Date:	9/2/2008 10:19:54 AM	
Copper	0.4828	mg/L	0.0060	96.6	80	120			
Iron	0.4695	mg/L	0.050	93.9	80	120			
Lead	0.4736	mg/L	0.0050	94.7	80	120			
Magnesium	49.39	mg/L	0.50	98.8	80	120			
Manganese	0.4742	mg/L	0.0020	94.8	80	120			
Nickel	0.4593	mg/L	0.010	91.9	80	120			
Potassium	50.69	mg/L	1.0	101	80	120			
Silver	0.4784	mg/L	0.0050	95.7	80	120			
Sodium	51.85	mg/L	0.50	104	80	120			
Vanadium	0.5031	mg/L	0.050	101	80	120			
Zinc	0.4717	mg/L	0.020	94.3	80	120			
Sample ID: LCS-16876		*LCS*			Batch ID:	**16876**	Analysis Date:	9/2/2008 12:55:29 PM	
Arsenic	0.4782	mg/L	0.020	95.6	80	120			
Selenium	0.4710	mg/L	0.050	94.2	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 0808260-04a MSD		*MSD*			Batch ID: **R29845**		Analysis Date:	8/20/2008 12:00:12 AM	
Benzene	20.64	µg/L	1.0	103	72.4	126	1.01	15	
Toluene	19.30	µg/L	1.0	96.5	79.2	115	7.92	15	
Chlorobenzene	21.96	µg/L	1.0	110	83.1	111	0.355	15	
1,1-Dichloroethene	22.66	µg/L	1.0	113	81.4	122	0.943	17.8	
Trichloroethene (TCE)	19.80	µg/L	1.0	99.0	64.4	118	0.599	19.8	
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29845**		Analysis Date:	8/19/2008 9:01:51 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
[illegible]nobenzene	ND	µg/L	1.0						
[illegible]modichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29845**		Analysis Date:	8/19/2008 9:01:51 AM	
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b7		*MBLK*			Batch ID: **R29845**		Analysis Date:	8/19/2008 9:08:01 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b7		*MBLK*			Batch ID: **R29845**		Analysis Date:	8/19/2008 9:08:01 PM	
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808260

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b7		*MBLK*			Batch ID:	**R29845**	Analysis Date:	8/19/2008 9:08:01 PM	
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29845**	Analysis Date:	8/19/2008 9:59:13 AM	
Benzene	20.63	µg/L	1.0	103	86.8	120			
Toluene	19.97	µg/L	1.0	99.8	64.1	127			
Chlorobenzene	22.25	µg/L	1.0	111	82.4	113			
1,1-Dichloroethene	23.25	µg/L	1.0	116	86.5	132			
Trichloroethene (TCE)	19.43	µg/L	1.0	97.2	77.3	123			
Sample ID: 100ng lcs_b		*LCS*			Batch ID:	**R29845**	Analysis Date:	8/19/2008 10:05:19 PM	
Benzene	21.26	µg/L	1.0	106	86.8	120			
Toluene	20.33	µg/L	1.0	102	64.1	127			
Chlorobenzene	22.77	µg/L	1.0	114	82.4	113			S
1,1-Dichloroethene	23.89	µg/L	1.0	119	86.5	132			
Trichloroethene (TCE)	19.98	µg/L	1.0	99.9	77.3	123			
Sample ID: 0808260-04a MS		*MS*			Batch ID:	**R29845**	Analysis Date:	8/19/2008 11:31:25 PM	
Benzene	20.85	µg/L	1.0	104	72.4	126			
Toluene	20.90	µg/L	1.0	104	79.2	115			
Chlorobenzene	22.04	µg/L	1.0	110	83.1	111			
1,1-Dichloroethene	22.87	µg/L	1.0	114	81.4	122			
Trichloroethene (TCE)	19.91	µg/L	1.0	99.6	64.4	118			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 8/15/2008

Work Order Number 0808260 | Received by: TLS

Checklist completed by: _____ 8/15/08 (Signature / Date) | Sample ID labels checked by: _____ (Initials)

Matrix: | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
ter - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
ater - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	5°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

orrective Action _____

_____

_____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Mailing Address: Route 3 Box 7
Gallup, NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 9210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: 2008 annual Groundwater Event
Project #:
Project Manager: Ed Riege
Sampler: Steve Morris
On Ice: ☒ Yes ☐ No
Sample Temperature: 5

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 080821	BTEX + MTBE + TME's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals Total and Dissolved	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem	Cations	Metals - Alkalinity	6/8CC Total Metals	Air Bubbles (Y or N)
8-13-08	1545	H_2O	MW-5 *			-1			X				X			X	X	X	X	X		
8-14-08	0900	"	SMW-2 *			-2			X				X			X	X	X	X	X		
"	1330	"	SMW-4 *			-3			X				X			X	X	X	X	X		
"	1615	"	OW-11			-4										X	X	X			X	

Date:	Time:	Relinquished by:	Received by:	Date	Time
8-15-08	1110	Steve Morris			
Date:	Time:	Relinquished by:	Received by:	8/15/08	1115

Remarks: Gen Chem = Cations, Anions, pH, and Conductivity
* See attached Modified Skinner list.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

OW-12, 13, 29, 30, 14

COVER LETTER

Tuesday, September 02, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 Annual Groundwater Event

Order No.: 0808371

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 6 sample(s) on 8/22/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-12
Lab Order:	0808371	**Collection Date:**	8/19/2008 10:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Toluene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 6:29:21 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 6:29:21 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 6:29:21 PM
Acetone	ND	10		µg/L	1	8/27/2008 6:29:21 PM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Bromoform	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
2-Butanone	ND	10		µg/L	1	8/27/2008 6:29:21 PM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 6:29:21 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 6:29:21 PM
Chloroform	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 6:29:21 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 6:29:21 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
2-Hexanone	ND	10		µg/L	1	8/27/2008 6:29:21 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
E	Value above quantitation range
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
RL	Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-12
Lab Order:	0808371	**Collection Date:**	8/19/2008 10:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 6:29:21 PM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 6:29:21 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Styrene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 6:29:21 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 6:29:21 PM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 6:29:21 PM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 6:29:21 PM
Surr: 1,2-Dichloroethane-d4	89.7	68.1-123		%REC	1	8/27/2008 6:29:21 PM
Surr: 4-Bromofluorobenzene	93.0	53.2-145		%REC	1	8/27/2008 6:29:21 PM
Surr: Dibromofluoromethane	92.0	68.5-119		%REC	1	8/27/2008 6:29:21 PM
Surr: Toluene-d8	94.2	64-131		%REC	1	8/27/2008 6:29:21 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-13
Lab Order:	0808371	**Collection Date:**	8/19/2008 2:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Toluene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 6:59:01 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 6:59:01 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 6:59:01 PM
Acetone	ND	10		µg/L	1	8/27/2008 6:59:01 PM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Bromoform	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
2-Butanone	ND	10		µg/L	1	8/27/2008 6:59:01 PM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 6:59:01 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 6:59:01 PM
Chloroform	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 6:59:01 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 6:59:01 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
2-Hexanone	ND	10		µg/L	1	8/27/2008 6:59:01 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-13
Lab Order:	0808371	**Collection Date:**	8/19/2008 2:45:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 6:59:01 PM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 6:59:01 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Styrene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 6:59:01 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 6:59:01 PM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 6:59:01 PM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 6:59:01 PM
Surr: 1,2-Dichloroethane-d4	91.0	68.1-123		%REC	1	8/27/2008 6:59:01 PM
Surr: 4-Bromofluorobenzene	90.2	53.2-145		%REC	1	8/27/2008 6:59:01 PM
Surr: Dibromofluoromethane	90.8	68.5-119		%REC	1	8/27/2008 6:59:01 PM
Surr: Toluene-d8	90.9	64-131		%REC	1	8/27/2008 6:59:01 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-29
Lab Order:	0808371	**Collection Date:**	8/19/2008 5:00:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Toluene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Methyl tert-butyl ether (MTBE)	9.2	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 7:28:48 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 7:28:48 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 7:28:48 PM
Acetone	ND	10		µg/L	1	8/27/2008 7:28:48 PM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Bromoform	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
2-Butanone	ND	10		µg/L	1	8/27/2008 7:28:48 PM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 7:28:48 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 7:28:48 PM
Chloroform	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 7:28:48 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 7:28:48 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
2-Hexanone	ND	10		µg/L	1	8/27/2008 7:28:48 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-29
Lab Order:	0808371	**Collection Date:**	8/19/2008 5:00:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 7:28:48 PM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 7:28:48 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Styrene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 7:28:48 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 7:28:48 PM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 7:28:48 PM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 7:28:48 PM
Surr: 1,2-Dichloroethane-d4	87.8	68.1-123		%REC	1	8/27/2008 7:28:48 PM
Surr: 4-Bromofluorobenzene	86.0	53.2-145		%REC	1	8/27/2008 7:28:48 PM
Surr: Dibromofluoromethane	88.8	68.5-119		%REC	1	8/27/2008 7:28:48 PM
Surr: Toluene-d8	94.5	64-131		%REC	1	8/27/2008 7:28:48 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-30
Lab Order:	0808371	**Collection Date:**	8/20/2008 2:00:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Toluene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Methyl tert-butyl ether (MTBE)	1100	10		µg/L	10	8/28/2008 7:12:23 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 8:30:55 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 8:30:55 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 8:30:55 PM
Acetone	ND	10		µg/L	1	8/27/2008 8:30:55 PM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Bromoform	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
2-Butanone	ND	10		µg/L	1	8/27/2008 8:30:55 PM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 8:30:55 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 8:30:55 PM
Chloroform	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 8:30:55 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 8:30:55 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
2-Hexanone	ND	10		µg/L	1	8/27/2008 8:30:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0808371
Project: 2008 Annual Groundwater Event
Lab ID: 0808371-04

Client Sample ID: OW-30
Collection Date: 8/20/2008 2:00:00 PM
Date Received: 8/22/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 8:30:55 PM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 8:30:55 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Styrene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 8:30:55 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 8:30:55 PM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 8:30:55 PM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 8:30:55 PM
Surr: 1,2-Dichloroethane-d4	86.7	68.1-123		%REC	1	8/27/2008 8:30:55 PM
Surr: 4-Bromofluorobenzene	92.5	53.2-145		%REC	1	8/27/2008 8:30:55 PM
Surr: Dibromofluoromethane	86.2	68.5-119		%REC	1	8/27/2008 8:30:55 PM
Surr: Toluene-d8	92.5	64-131		%REC	1	8/27/2008 8:30:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-14
Lab Order:	0808371	**Collection Date:**	8/21/2008 11:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	3.5	1.0		µg/L	1	8/28/2008 12:29:42 AM
Toluene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Ethylbenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Methyl tert-butyl ether (MTBE)	1300	10		µg/L	10	8/28/2008 7:44:43 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2-Dichloroethane (EDC)	1.6	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Naphthalene	ND	2.0		µg/L	1	8/28/2008 12:29:42 AM
1-Methylnaphthalene	12	4.0		µg/L	1	8/28/2008 12:29:42 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/28/2008 12:29:42 AM
Acetone	ND	10		µg/L	1	8/28/2008 12:29:42 AM
Bromobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Bromoform	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Bromomethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
2-Butanone	ND	10		µg/L	1	8/28/2008 12:29:42 AM
Carbon disulfide	ND	10		µg/L	1	8/28/2008 12:29:42 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Chlorobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Chloroethane	ND	2.0		µg/L	1	8/28/2008 12:29:42 AM
Chloroform	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Chloromethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/28/2008 12:29:42 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Dibromomethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/28/2008 12:29:42 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
2-Hexanone	ND	10		µg/L	1	8/28/2008 12:29:42 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-14
Lab Order:	0808371	**Collection Date:**	8/21/2008 11:00:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Isopropylbenzene	1.6	1.0		µg/L	1	8/28/2008 12:29:42 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/28/2008 12:29:42 AM
Methylene Chloride	ND	3.0		µg/L	1	8/28/2008 12:29:42 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
sec-Butylbenzene	2.0	1.0		µg/L	1	8/28/2008 12:29:42 AM
Styrene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/28/2008 12:29:42 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/28/2008 12:29:42 AM
Vinyl chloride	ND	1.0		µg/L	1	8/28/2008 12:29:42 AM
Xylenes, Total	ND	1.5		µg/L	1	8/28/2008 12:29:42 AM
Surr: 1,2-Dichloroethane-d4	86.4	68.1-123		%REC	1	8/28/2008 12:29:42 AM
Surr: 4-Bromofluorobenzene	89.1	53.2-145		%REC	1	8/28/2008 12:29:42 AM
Surr: Dibromofluoromethane	94.9	68.5-119		%REC	1	8/28/2008 12:29:42 AM
Surr: Toluene-d8	94.1	64-131		%REC	1	8/28/2008 12:29:42 AM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0808371	**Collection Date:**	
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808371-06	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Toluene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 9:00:40 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 9:00:40 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 9:00:40 PM
Acetone	ND	10		µg/L	1	8/27/2008 9:00:40 PM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Bromoform	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
2-Butanone	ND	10		µg/L	1	8/27/2008 9:00:40 PM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 9:00:40 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 9:00:40 PM
Chloroform	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 9:00:40 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 9:00:40 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
2-Hexanone	ND	10		µg/L	1	8/27/2008 9:00:40 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *02-Sep-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0808371
Project: 2008 Annual Groundwater Event
Lab ID: 0808371-06

Client Sample ID: Trip Blank
Collection Date:
Date Received: 8/22/2008
Matrix: TRIP BLANK.

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 9:00:40 PM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 9:00:40 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Styrene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 9:00:40 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 9:00:40 PM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 9:00:40 PM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 9:00:40 PM
Surr: 1,2-Dichloroethane-d4	88.7	68.1-123		%REC	1	8/27/2008 9:00:40 PM
Surr: 4-Bromofluorobenzene	90.0	53.2-145		%REC	1	8/27/2008 9:00:40 PM
Surr: Dibromofluoromethane	86.9	68.5-119		%REC	1	8/27/2008 9:00:40 PM
Surr: Toluene-d8	89.5	64-131		%REC	1	8/27/2008 9:00:40 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808371

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 0808371-01a msd		*MSD*			Batch ID: **R29964**		Analysis Date:	8/27/2008 10:58:14 PM	
Benzene	20.89	µg/L	1.0	104	72.4	126	0.0842	15	
Toluene	19.93	µg/L	1.0	99.7	79.2	115	5.73	15	
Chlorobenzene	19.00	µg/L	1.0	95.0	83.1	111	3.49	15	
1,1-Dichloroethene	23.74	µg/L	1.0	119	81.4	122	2.37	17.8	
Trichloroethene (TCE)	19.61	µg/L	1.0	98.0	64.4	118	2.09	19.8	
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29964**		Analysis Date:	8/27/2008 9:32:22 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
[illegible]nobenzene	ND	µg/L	1.0						
[illegible]omodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808371

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29964**		Analysis Date:	8/27/2008 9:32:22 AM	
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R29964**		Analysis Date:	8/27/2008 10:31:49 AM	
Benzene	21.52	µg/L	1.0	108	86.8	120			
Toluene	20.02	µg/L	1.0	100	64.1	127			
Chlorobenzene	19.15	µg/L	1.0	95.7	82.4	113			
1,1-Dichloroethene	24.94	µg/L	1.0	125	86.5	132			
Trichloroethene (TCE)	21.29	µg/L	1.0	106	77.3	123			
Sample ID: 0808371-01a ms		*MS*			Batch ID: **R29964**		Analysis Date:	8/27/2008 10:28:31 PM	
Benzene	20.90	µg/L	1.0	105	72.4	126			
Toluene	21.11	µg/L	1.0	106	79.2	115			
Chlorobenzene	19.68	µg/L	1.0	98.4	83.1	111			
1,1-Dichloroethene	24.30	µg/L	1.0	122	81.4	122			
Trichloroethene (TCE)	19.20	µg/L	1.0	96.0	64.4	118			

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 8/22/2008

Work Order Number 0808371 Received by: AT

Checklist completed by: _____ 8/22/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	6°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Mailing Address: Route 3 Box 7
Gallup, NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: 2008 Annual Groundwater Event
Project #:
Project Manager: Ed Riege
Sampler: Cheryl Johnson & Steve Moore
On Ice: ☒ Yes ☐ No
Sample Temperature: 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0808351	BTEX + MTBE + TMBs (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Air Bubbles (Y or N)
8-19-08	1000	H_2O	OW-12			1										X		
"	1445	"	OW-13			2										X		
"	1700	"	OW-29			3										X		
8-20-08	1400	"	OW-30			4										X		
8-21-08	1100	"	OW-14			5										X		
			Trip Blank AT 8/22			6												

Date	Time	Relinquished by:	Received by:	Date	Time
8-22-08	1030	Steve Moore	Anne Thies	8/22/08	1030

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

EP-1 Inlet, EP-2
PW-3

COVER LETTER

Thursday, September 18, 2008

Ed Riege
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 Annual Groundwater Event

Order No.: 0808362

Dear Ed Riege:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 8/22/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 7:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	100	3.0		mg/L	1	8/31/2008 3:22:51 AM
Motor Oil Range Organics (MRO)	25	15		mg/L	1	8/31/2008 3:22:51 AM
Surr: DNOP	119	58-140		%REC	1	8/31/2008 3:22:51 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	3.1	1.0		mg/L	20	9/2/2008 7:08:34 PM
Surr: BFB	81.3	59.9-122		%REC	20	9/2/2008 7:08:34 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	32	1.0		mg/L	10	8/22/2008 4:11:24 PM
Chloride	150	1.0		mg/L	10	8/22/2008 4:11:24 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	8/22/2008 4:11:24 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	8/22/2008 4:11:24 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	8/22/2008 4:11:24 PM
Sulfate	1300	10		mg/L	20	8/22/2008 4:28:49 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/31/2008 4:43:18 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	9/3/2008 2:55:03 PM
Barium	0.092	0.020		mg/L	1	9/3/2008 2:55:03 PM
Cadmium	ND	0.0020		mg/L	1	9/3/2008 2:55:03 PM
Calcium	77	1.0		mg/L	1	9/3/2008 2:55:03 PM
Chromium	ND	0.0060		mg/L	1	9/3/2008 2:55:03 PM
Copper	0.0063	0.0060		mg/L	1	9/3/2008 2:55:03 PM
Iron	2.7	0.50		mg/L	10	9/3/2008 3:55:36 PM
Lead	0.0063	0.0050		mg/L	1	9/3/2008 2:55:03 PM
Magnesium	17	1.0		mg/L	1	9/3/2008 2:55:03 PM
Manganese	0.13	0.0020		mg/L	1	9/3/2008 2:55:03 PM
Potassium	32	1.0		mg/L	1	9/3/2008 2:55:03 PM
Selenium	ND	0.25		mg/L	5	9/8/2008 12:59:12 PM
Silver	ND	0.0050		mg/L	1	9/3/2008 2:55:03 PM
Sodium	420	10		mg/L	10	9/3/2008 3:55:36 PM
Zinc	0.29	0.050		mg/L	1	9/3/2008 2:55:03 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	50		µg/L	1	9/2/2008
Acenaphthylene	ND	50		µg/L	1	9/2/2008
Aniline	ND	50		µg/L	1	9/2/2008
Anthracene	ND	50		µg/L	1	9/2/2008
Azobenzene	ND	50		µg/L	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 7:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Benz(a)anthracene	50	50		µg/L	1	9/2/2008
Benzo(a)pyrene	ND	50		µg/L	1	9/2/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	9/2/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	9/2/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	9/2/2008
Benzoic acid	ND	100		µg/L	1	9/2/2008
Benzyl alcohol	ND	50		µg/L	1	9/2/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	9/2/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	9/2/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	9/2/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	9/2/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	9/2/2008
Butyl benzyl phthalate	ND	50		µg/L	1	9/2/2008
Carbazole	ND	50		µg/L	1	9/2/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	9/2/2008
4-Chloroaniline	ND	50		µg/L	1	9/2/2008
2-Chloronaphthalene	ND	50		µg/L	1	9/2/2008
2-Chlorophenol	ND	50		µg/L	1	9/2/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	9/2/2008
Chrysene	ND	50		µg/L	1	9/2/2008
Di-n-butyl phthalate	ND	50		µg/L	1	9/2/2008
Di-n-octyl phthalate	ND	50		µg/L	1	9/2/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	9/2/2008
Dibenzofuran	ND	50		µg/L	1	9/2/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	9/2/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	9/2/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	9/2/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	9/2/2008
Diethyl phthalate	ND	50		µg/L	1	9/2/2008
Dimethyl phthalate	ND	50		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dimethylphenol	ND	50		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	100		µg/L	1	9/2/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	9/2/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	9/2/2008
Fluoranthene	ND	50		µg/L	1	9/2/2008
Fluorene	ND	50		µg/L	1	9/2/2008
Hexachlorobenzene	ND	50		µg/L	1	9/2/2008
Hexachlorobutadiene	ND	50		µg/L	1	9/2/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	9/2/2008
Hexachloroethane	ND	50		µg/L	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 7:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	9/2/2008
Isophorone	ND	50		µg/L	1	9/2/2008
2-Methylnaphthalene	ND	50		µg/L	1	9/2/2008
2-Methylphenol	ND	50		µg/L	1	9/2/2008
3+4-Methylphenol	ND	50		µg/L	1	9/2/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	9/2/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	9/2/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	9/2/2008
Naphthalene	ND	50		µg/L	1	9/2/2008
2-Nitroaniline	ND	50		µg/L	1	9/2/2008
3-Nitroaniline	ND	50		µg/L	1	9/2/2008
4-Nitroaniline	ND	50		µg/L	1	9/2/2008
Nitrobenzene	ND	50		µg/L	1	9/2/2008
2-Nitrophenol	ND	50		µg/L	1	9/2/2008
4-Nitrophenol	ND	50		µg/L	1	9/2/2008
Pentachlorophenol	ND	100		µg/L	1	9/2/2008
Phenanthrene	ND	50		µg/L	1	9/2/2008
Phenol	ND	50		µg/L	1	9/2/2008
Pyrene	ND	50		µg/L	1	9/2/2008
Pyridine	ND	50		µg/L	1	9/2/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	9/2/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	67.0	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	72.4	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	50.4	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	59.7	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	67.4	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	41.0	10.7-80.3		%REC	1	9/2/2008
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	23	5.0		µg/L	5	8/27/2008 8:03:19 AM
Toluene	28	5.0		µg/L	5	8/27/2008 8:03:19 AM
Ethylbenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2,4-Trimethylbenzene	21	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,3,5-Trimethylbenzene	5.9	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Naphthalene	ND	10		µg/L	5	8/27/2008 8:03:19 AM
1-Methylnaphthalene	65	20		µg/L	5	8/27/2008 8:03:19 AM
2-Methylnaphthalene	60	20		µg/L	5	8/27/2008 8:03:19 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 7:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Acetone	1900	200		µg/L	20	8/27/2008 7:28:24 PM
Bromobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Bromodichloromethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Bromoform	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Bromomethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
2-Butanone	230	50		µg/L	5	8/27/2008 8:03:19 AM
Carbon disulfide	ND	50		µg/L	5	8/27/2008 8:03:19 AM
Carbon Tetrachloride	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Chlorobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Chloroethane	ND	10		µg/L	5	8/27/2008 8:03:19 AM
Chloroform	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Chloromethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
2-Chlorotoluene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
4-Chlorotoluene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
cis-1,2-DCE	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	8/27/2008 8:03:19 AM
Dibromochloromethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Dibromomethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Dichlorodifluoromethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,1-Dichloroethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,1-Dichloroethene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2-Dichloropropane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,3-Dichloropropane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
2,2-Dichloropropane	ND	10		µg/L	5	8/27/2008 8:03:19 AM
1,1-Dichloropropene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Hexachlorobutadiene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
2-Hexanone	ND	50		µg/L	5	8/27/2008 8:03:19 AM
Isopropylbenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
4-Isopropyltoluene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
4-Methyl-2-pentanone	ND	50		µg/L	5	8/27/2008 8:03:19 AM
Methylene Chloride	ND	15		µg/L	5	8/27/2008 8:03:19 AM
n-Butylbenzene	50	5.0		µg/L	5	8/27/2008 8:03:19 AM
n-Propylbenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
sec-Butylbenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Styrene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
tert-Butylbenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	8/27/2008 8:03:19 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 7:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
trans-1,2-DCE	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Trichloroethene (TCE)	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Trichlorofluoromethane	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
1,2,3-Trichloropropane	ND	10		µg/L	5	8/27/2008 8:03:19 AM
Vinyl chloride	ND	5.0		µg/L	5	8/27/2008 8:03:19 AM
Xylenes, Total	29	7.5		µg/L	5	8/27/2008 8:03:19 AM
Surr: 1,2-Dichloroethane-d4	96.2	68.1-123		%REC	5	8/27/2008 8:03:19 AM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	5	8/27/2008 8:03:19 AM
Surr: Dibromofluoromethane	93.1	68.5-119		%REC	5	8/27/2008 8:03:19 AM
Surr: Toluene-d8	98.9	64-131		%REC	5	8/27/2008 8:03:19 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	4400	0.010		µmhos/cm	1	8/26/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.90	0.1		pH units	1	8/22/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-2 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 8:15:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	290	3.0		mg/L	1	8/31/2008 3:58:10 AM
Motor Oil Range Organics (MRO)	37	15		mg/L	1	8/31/2008 3:58:10 AM
Surr: DNOP	116	58-140		%REC	1	8/31/2008 3:58:10 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	10	1.0		mg/L	20	9/2/2008 7:38:48 PM
Surr: BFB	203	59.9-122	S	%REC	20	9/2/2008 7:38:48 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Toluene	26	10		µg/L	10	8/27/2008 8:41:43 AM
Ethylbenzene	14	10		µg/L	10	8/27/2008 8:41:43 AM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2,4-Trimethylbenzene	110	10		µg/L	10	8/27/2008 8:41:43 AM
1,3,5-Trimethylbenzene	35	10		µg/L	10	8/27/2008 8:41:43 AM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Naphthalene	20	20		µg/L	10	8/27/2008 8:41:43 AM
1-Methylnaphthalene	300	40		µg/L	10	8/27/2008 8:41:43 AM
2-Methylnaphthalene	340	40		µg/L	10	8/27/2008 8:41:43 AM
Acetone	1200	100		µg/L	10	8/27/2008 8:41:43 AM
Bromobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Bromodichloromethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Bromoform	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Bromomethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
2-Butanone	140	100		µg/L	10	8/27/2008 8:41:43 AM
Carbon disulfide	ND	100		µg/L	10	8/27/2008 8:41:43 AM
Carbon Tetrachloride	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Chlorobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Chloroethane	ND	20		µg/L	10	8/27/2008 8:41:43 AM
Chloroform	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Chloromethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
2-Chlorotoluene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
4-Chlorotoluene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
cis-1,2-DCE	ND	10		µg/L	10	8/27/2008 8:41:43 AM
cis-1,3-Dichloropropene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	8/27/2008 8:41:43 AM
Dibromochloromethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Dibromomethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2-Dichlorobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,3-Dichlorobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,4-Dichlorobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-2 Inlet
Lab Order:	0808362	**Collection Date:**	8/21/2008 8:15:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Dichlorodifluoromethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,1-Dichloroethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,1-Dichloroethene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2-Dichloropropane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,3-Dichloropropane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
2,2-Dichloropropane	ND	20		µg/L	10	8/27/2008 8:41:43 AM
1,1-Dichloropropene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Hexachlorobutadiene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
2-Hexanone	ND	100		µg/L	10	8/27/2008 8:41:43 AM
Isopropylbenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
4-Isopropyltoluene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
4-Methyl-2-pentanone	ND	100		µg/L	10	8/27/2008 8:41:43 AM
Methylene Chloride	ND	30		µg/L	10	8/27/2008 8:41:43 AM
n-Butylbenzene	29	10		µg/L	10	8/27/2008 8:41:43 AM
n-Propylbenzene	13	10		µg/L	10	8/27/2008 8:41:43 AM
sec-Butylbenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Styrene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
tert-Butylbenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	8/27/2008 8:41:43 AM
Tetrachloroethene (PCE)	ND	10		µg/L	10	8/27/2008 8:41:43 AM
trans-1,2-DCE	ND	10		µg/L	10	8/27/2008 8:41:43 AM
trans-1,3-Dichloropropene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,1,1-Trichloroethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,1,2-Trichloroethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Trichloroethene (TCE)	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Trichlorofluoromethane	ND	10		µg/L	10	8/27/2008 8:41:43 AM
1,2,3-Trichloropropane	ND	20		µg/L	10	8/27/2008 8:41:43 AM
Vinyl chloride	ND	10		µg/L	10	8/27/2008 8:41:43 AM
Xylenes, Total	100	15		µg/L	10	8/27/2008 8:41:43 AM
Surr: 1,2-Dichloroethane-d4	93.6	68.1-123		%REC	10	8/27/2008 8:41:43 AM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	10	8/27/2008 8:41:43 AM
Surr: Dibromofluoromethane	93.2	68.5-119		%REC	10	8/27/2008 8:41:43 AM
Surr: Toluene-d8	97.2	64-131		%REC	10	8/27/2008 8:41:43 AM
SM 2540C TOTAL DISSOLVED SOLIDS						Analyst: KMS
Total Dissolved Solids	2000	100		mg/L	1	8/26/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	RW-3
Lab Order:	0808362	**Collection Date:**	8/21/2008 11:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrate (As N)	0.13	0.10		mg/L	1	8/22/2008 4:46:13 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	8/31/2008 4:45:03 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	9/3/2008 3:00:26 PM
Barium	ND	0.020		mg/L	1	9/3/2008 3:00:26 PM
Cadmium	ND	0.0020		mg/L	1	9/3/2008 3:00:26 PM
Chromium	ND	0.0060		mg/L	1	9/3/2008 3:00:26 PM
Copper	ND	0.0060		mg/L	1	9/3/2008 3:00:26 PM
Iron	ND	0.050		mg/L	1	9/3/2008 3:00:26 PM
Lead	ND	0.0050		mg/L	1	9/3/2008 3:00:26 PM
Manganese	ND	0.0020		mg/L	1	9/3/2008 3:00:26 PM
Selenium	ND	0.25		mg/L	5	9/8/2008 1:01:49 PM
Silver	ND	0.0050		mg/L	1	9/3/2008 3:00:26 PM
Zinc	ND	0.050		mg/L	1	9/3/2008 3:00:26 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	10		µg/L	1	9/2/2008
Acenaphthylene	ND	10		µg/L	1	9/2/2008
Aniline	ND	10		µg/L	1	9/2/2008
Anthracene	ND	10		µg/L	1	9/2/2008
Azobenzene	ND	10		µg/L	1	9/2/2008
Benz(a)anthracene	ND	10		µg/L	1	9/2/2008
Benzo(a)pyrene	ND	10		µg/L	1	9/2/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	9/2/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	9/2/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	9/2/2008
Benzoic acid	ND	20		µg/L	1	9/2/2008
Benzyl alcohol	ND	10		µg/L	1	9/2/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	9/2/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	9/2/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	9/2/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	9/2/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	9/2/2008
Butyl benzyl phthalate	ND	10		µg/L	1	9/2/2008
Carbazole	ND	10		µg/L	1	9/2/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	9/2/2008
4-Chloroaniline	ND	10		µg/L	1	9/2/2008
2-Chloronaphthalene	ND	10		µg/L	1	9/2/2008
2-Chlorophenol	ND	10		µg/L	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	PW-3
Lab Order:	0808362	**Collection Date:**	8/21/2008 11:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	9/2/2008
Chrysene	ND	10		µg/L	1	9/2/2008
Di-n-butyl phthalate	ND	10		µg/L	1	9/2/2008
Di-n-octyl phthalate	ND	10		µg/L	1	9/2/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	9/2/2008
Dibenzofuran	ND	10		µg/L	1	9/2/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	9/2/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	9/2/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	9/2/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	9/2/2008
Diethyl phthalate	ND	10		µg/L	1	9/2/2008
Dimethyl phthalate	ND	10		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	20		µg/L	1	9/2/2008
2,4-Dimethylphenol	ND	10		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	20		µg/L	1	9/2/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	9/2/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	9/2/2008
Fluoranthene	ND	10		µg/L	1	9/2/2008
Fluorene	ND	10		µg/L	1	9/2/2008
Hexachlorobenzene	ND	10		µg/L	1	9/2/2008
Hexachlorobutadiene	ND	10		µg/L	1	9/2/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	9/2/2008
Hexachloroethane	ND	10		µg/L	1	9/2/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	9/2/2008
Isophorone	ND	10		µg/L	1	9/2/2008
2-Methylnaphthalene	ND	10		µg/L	1	9/2/2008
2-Methylphenol	ND	10		µg/L	1	9/2/2008
3+4-Methylphenol	ND	10		µg/L	1	9/2/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	9/2/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	9/2/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	9/2/2008
Naphthalene	ND	10		µg/L	1	9/2/2008
2-Nitroaniline	ND	10		µg/L	1	9/2/2008
3-Nitroaniline	ND	10		µg/L	1	9/2/2008
4-Nitroaniline	ND	10		µg/L	1	9/2/2008
Nitrobenzene	ND	10		µg/L	1	9/2/2008
2-Nitrophenol	ND	10		µg/L	1	9/2/2008
4-Nitrophenol	ND	10		µg/L	1	9/2/2008
Pentachlorophenol	ND	20		µg/L	1	9/2/2008
Phenanthrene	ND	10		µg/L	1	9/2/2008
Phenol	ND	10		µg/L	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	PW-3
Lab Order:	0808362	**Collection Date:**	8/21/2008 11:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Pyrene	ND	10		µg/L	1	9/2/2008
Pyridine	ND	10		µg/L	1	9/2/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	9/2/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	78.1	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	80.7	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	61.7	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	75.3	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	81.3	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	50.5	10.7-80.3		%REC	1	9/2/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Toluene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 9:17:27 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 9:17:27 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 9:17:27 AM
Acetone	ND	10		µg/L	1	8/27/2008 9:17:27 AM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Bromoform	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
2-Butanone	ND	10		µg/L	1	8/27/2008 9:17:27 AM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 9:17:27 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 9:17:27 AM
Chloroform	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 9:17:27 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	PW-3
Lab Order:	0808362	**Collection Date:**	8/21/2008 11:45:00 AM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 9:17:27 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
2-Hexanone	ND	10		µg/L	1	8/27/2008 9:17:27 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 9:17:27 AM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 9:17:27 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Styrene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 9:17:27 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 9:17:27 AM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 9:17:27 AM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 9:17:27 AM
Surr: 1,2-Dichloroethane-d4	94.9	68.1-123		%REC	1	8/27/2008 9:17:27 AM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	8/27/2008 9:17:27 AM
Surr: Dibromofluoromethane	97.3	68.5-119		%REC	1	8/27/2008 9:17:27 AM
Surr: Toluene-d8	98.5	64-131		%REC	1	8/27/2008 9:17:27 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Blind Dup
Lab Order:	0808362	**Collection Date:**	8/21/2008 12:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Acenaphthene	ND	10		µg/L	1	9/2/2008
Acenaphthylene	ND	10		µg/L	1	9/2/2008
Aniline	ND	10		µg/L	1	9/2/2008
Anthracene	ND	10		µg/L	1	9/2/2008
Azobenzene	ND	10		µg/L	1	9/2/2008
Benz(a)anthracene	ND	10		µg/L	1	9/2/2008
Benzo(a)pyrene	ND	10		µg/L	1	9/2/2008
Benzo(b)fluoranthene	ND	10		µg/L	1	9/2/2008
Benzo(g,h,i)perylene	ND	10		µg/L	1	9/2/2008
Benzo(k)fluoranthene	ND	10		µg/L	1	9/2/2008
Benzoic acid	ND	20		µg/L	1	9/2/2008
Benzyl alcohol	ND	10		µg/L	1	9/2/2008
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	9/2/2008
Bis(2-chloroethyl)ether	ND	10		µg/L	1	9/2/2008
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	9/2/2008
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	9/2/2008
4-Bromophenyl phenyl ether	ND	10		µg/L	1	9/2/2008
Butyl benzyl phthalate	ND	10		µg/L	1	9/2/2008
Carbazole	ND	10		µg/L	1	9/2/2008
4-Chloro-3-methylphenol	ND	10		µg/L	1	9/2/2008
4-Chloroaniline	ND	10		µg/L	1	9/2/2008
2-Chloronaphthalene	ND	10		µg/L	1	9/2/2008
2-Chlorophenol	ND	10		µg/L	1	9/2/2008
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	9/2/2008
Chrysene	ND	10		µg/L	1	9/2/2008
Di-n-butyl phthalate	ND	10		µg/L	1	9/2/2008
Di-n-octyl phthalate	ND	10		µg/L	1	9/2/2008
Dibenz(a,h)anthracene	ND	10		µg/L	1	9/2/2008
Dibenzofuran	ND	10		µg/L	1	9/2/2008
1,2-Dichlorobenzene	ND	10		µg/L	1	9/2/2008
1,3-Dichlorobenzene	ND	10		µg/L	1	9/2/2008
1,4-Dichlorobenzene	ND	10		µg/L	1	9/2/2008
3,3'-Dichlorobenzidine	ND	10		µg/L	1	9/2/2008
Diethyl phthalate	ND	10		µg/L	1	9/2/2008
Dimethyl phthalate	ND	10		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	20		µg/L	1	9/2/2008
2,4-Dimethylphenol	ND	10		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	20		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	20		µg/L	1	9/2/2008
2,4-Dinitrotoluene	ND	10		µg/L	1	9/2/2008
2,6-Dinitrotoluene	ND	10		µg/L	1	9/2/2008
Fluoranthene	ND	10		µg/L	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Blind Dup
Lab Order:	0808362	**Collection Date:**	8/21/2008 12:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
Fluorene	ND	10		µg/L	1	9/2/2008
Hexachlorobenzene	ND	10		µg/L	1	9/2/2008
Hexachlorobutadiene	ND	10		µg/L	1	9/2/2008
Hexachlorocyclopentadiene	ND	10		µg/L	1	9/2/2008
Hexachloroethane	ND	10		µg/L	1	9/2/2008
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	9/2/2008
Isophorone	ND	10		µg/L	1	9/2/2008
2-Methylnaphthalene	ND	10		µg/L	1	9/2/2008
2-Methylphenol	ND	10		µg/L	1	9/2/2008
3+4-Methylphenol	ND	10		µg/L	1	9/2/2008
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	9/2/2008
N-Nitrosodimethylamine	ND	10		µg/L	1	9/2/2008
N-Nitrosodiphenylamine	ND	10		µg/L	1	9/2/2008
Naphthalene	ND	10		µg/L	1	9/2/2008
2-Nitroaniline	ND	10		µg/L	1	9/2/2008
3-Nitroaniline	ND	10		µg/L	1	9/2/2008
4-Nitroaniline	ND	10		µg/L	1	9/2/2008
Nitrobenzene	ND	10		µg/L	1	9/2/2008
2-Nitrophenol	ND	10		µg/L	1	9/2/2008
4-Nitrophenol	ND	10		µg/L	1	9/2/2008
Pentachlorophenol	ND	20		µg/L	1	9/2/2008
Phenanthrene	ND	10		µg/L	1	9/2/2008
Phenol	ND	10		µg/L	1	9/2/2008
Pyrene	ND	10		µg/L	1	9/2/2008
Pyridine	ND	10		µg/L	1	9/2/2008
1,2,4-Trichlorobenzene	ND	10		µg/L	1	9/2/2008
2,4,5-Trichlorophenol	ND	10		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	10		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	72.0	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	76.0	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	57.1	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	73.2	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	78.6	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	45.9	10.7-80.3		%REC	1	9/2/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Toluene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Blind Dup
Lab Order:	0808362	**Collection Date:**	8/21/2008 12:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 11:04:44 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 11:04:44 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 11:04:44 AM
Acetone	ND	10		µg/L	1	8/27/2008 11:04:44 AM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Bromoform	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
2-Butanone	ND	10		µg/L	1	8/27/2008 11:04:44 AM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 11:04:44 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 11:04:44 AM
Chloroform	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 11:04:44 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 11:04:44 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
2-Hexanone	ND	10		µg/L	1	8/27/2008 11:04:44 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 11:04:44 AM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 11:04:44 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Blind Dup
Lab Order:	0808362	**Collection Date:**	8/21/2008 12:15:00 PM
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Styrene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 11:04:44 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 11:04:44 AM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 11:04:44 AM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 11:04:44 AM
Surr: 1,2-Dichloroethane-d4	97.9	68.1-123		%REC	1	8/27/2008 11:04:44 AM
Surr: 4-Bromofluorobenzene	98.3	53.2-145		%REC	1	8/27/2008 11:04:44 AM
Surr: Dibromofluoromethane	95.1	68.5-119		%REC	1	8/27/2008 11:04:44 AM
Surr: Toluene-d8	91.4	64-131		%REC	1	8/27/2008 11:04:44 AM

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *18-Sep-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0808362
Project: 2008 Annual Groundwater Event
Lab ID: 0808362-05

Client Sample ID: Trip Blank
Collection Date:
Date Received: 8/22/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	9/2/2008 8:39:17 PM
Surr: BFB	88.5	59.9-122		%REC	1	9/2/2008 8:39:17 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Toluene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Ethylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Naphthalene	ND	2.0		µg/L	1	8/27/2008 11:40:35 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 11:40:35 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/27/2008 11:40:35 AM
Acetone	ND	10		µg/L	1	8/27/2008 11:40:35 AM
Bromobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Bromoform	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Bromomethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
2-Butanone	ND	10		µg/L	1	8/27/2008 11:40:35 AM
Carbon disulfide	ND	10		µg/L	1	8/27/2008 11:40:35 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Chlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Chloroethane	ND	2.0		µg/L	1	8/27/2008 11:40:35 AM
Chloroform	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Chloromethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/27/2008 11:40:35 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Dibromomethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0808362	**Collection Date:**	
Project:	2008 Annual Groundwater Event	**Date Received:**	8/22/2008
Lab ID:	0808362-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2,2-Dichloropropane	ND	2.0		µg/L	1	8/27/2008 11:40:35 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
2-Hexanone	ND	10		µg/L	1	8/27/2008 11:40:35 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/27/2008 11:40:35 AM
Methylene Chloride	ND	3.0		µg/L	1	8/27/2008 11:40:35 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Styrene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/27/2008 11:40:35 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/27/2008 11:40:35 AM
Vinyl chloride	ND	1.0		µg/L	1	8/27/2008 11:40:35 AM
Xylenes, Total	ND	1.5		µg/L	1	8/27/2008 11:40:35 AM
Surr: 1,2-Dichloroethane-d4	97.8	68.1-123		%REC	1	8/27/2008 11:40:35 AM
Surr: 4-Bromofluorobenzene	100	53.2-145		%REC	1	8/27/2008 11:40:35 AM
Surr: Dibromofluoromethane	95.1	68.5-119		%REC	1	8/27/2008 11:40:35 AM
Surr: Toluene-d8	91.8	64-131		%REC	1	8/27/2008 11:40:35 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0808362**
Order: **08080575 HAL03** Receipt: **08-22-08**

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0808362-02C EP-2 INLET*** Collected: *08-21-08 8:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080575-001A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
WBOD08095	WC.2008.2150.20	10-26-4	Biochemical Oxygen Demand	348	mg/L	1	4		08-22-08	08-27-08

Sample: ***0808362-02D EP-2 INLET*** Collected: *08-21-08 8:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080575-002A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08032	WC.2008.2156.14	C-004	Chemical Oxygen Demand	1540	mg/L	10	10		09-03-08	09-03-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 9/3/2008 3:46:02 PM

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PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

LAB ID: PA39-401

Benchmark Analytics, Inc.

4777 Saucon Creek Road
Center Valley, PA 18034
Phone: (610) 974-8100
Fax: (610) 974-8104

Work Order: 08083785

SEND DATA TO:

NAME: Ann Thorne
COMPANY: Hall Environmental Analysis Lab, Inc.
ADDRESS: 4901 Hawkins NE, Suite D
Albuquerque, NM 87109-4372

PHONE: (505) 345-3975
FAX: (505) 345-4107

WO#: 08083785
PAGE: 1 of 1
PO#:
PWS ID#

TEST REPORT

0808362

RECEIVED FOR LAB BY: DMB DATE: 08/26/2008 8:45

SAMPLE: **0808362-01E EP-1 Inlet** Lab ID: 08083785-001A Grab
SAMPLED BY: Client Sample Time: 08/21/2008 7:45

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	1.86 µg/L	EPA 200.8	30	08/28/08 12:50	08/29/08	JRA-CV
Uranium	1.25 pCi/L	EPA 200.8		08/28/08 12:50	08/29/08	JRA-CV

SAMPLE: **0808362-03E PW-3** Lab ID: 08083785-002A Grab
SAMPLED BY: Client Sample Time: 08/21/2008 11:45

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Uranium	<0.63 µg/L	EPA 200.8	30	08/29/08 11:45	09/01/08	JRA-CV
Uranium	< 0.43 pCi/L	EPA 200.8		08/29/08 11:45	09/01/08	JRA-CV

SAMPLE: **0808362-03F PW-3** Lab ID: 08083785-003A Grab
SAMPLED BY: Client Sample Time: 08/21/2008 11:45

Test	Result	Method	RL	Analysis Start	Analysis End	Analyst *
Cyanide, Total	<0.004 mg/L	SM21 4500 CN C,E		08/30/08 10:00	08/30/08	LNP-CV

REMARKS:
The above test procedures meet all the requirements of NELAC and relate only to these samples.
* CV = Benchmark Analytics, Inc. Center Valley, PA; SA = Benchmark Analytics, Inc. Sayre, PA

MANAGER Clint Mecke DATE: 9/2/2008

Benchmark Analytics, Inc.

Date: *04-Sep-08*

CLIENT: Hall Environmental Analysis Lab, Inc.
Work Order: 08083785
Project: 0808362

ANALYTICAL QC SUMMARY REPORT

TestCode: CN_TT_4500CN

Sample ID: MB-R27272	SampType: MBLK	TestCode: CN_TT_4500	Units: mg/L	Prep Date:	RunNo: 27272
Client ID: PBW	Batch ID: R27272	TestNo: E335.2		Analysis Date: 8/30/2008	SeqNo: 518684

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	< 0.004	0.004									

Sample ID: 08083676-001AMS	SampType: MS	TestCode: CN_TT_4500	Units: mg/L	Prep Date:	RunNo: 27272
Client ID: ZZZZZZ	Batch ID: R27272	TestNo: E335.2		Analysis Date: 8/30/2008	SeqNo: 518688

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	0.042	0.004	0.04000	0	104	80	120				

Sample ID: 08084276-001BMS	SampType: MS	TestCode: CN_TT_4500	Units: mg/L	Prep Date:	RunNo: 27272
Client ID: ZZZZZZ	Batch ID: R27272	TestNo: E335.2		Analysis Date: 8/30/2008	SeqNo: 518699

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	0.034	0.004	0.04000	0	86.0	80	120				

Sample ID: 08084276-001BMSD	SampType: MSD	TestCode: CN_TT_4500	Units: mg/L	Prep Date:	RunNo: 27272
Client ID: ZZZZZZ	Batch ID: R27272	TestNo: E335.2		Analysis Date: 8/30/2008	SeqNo: 518700

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total	0.036	0.004	0.04000	0	89.0	80	120	0.03440	4.00	20	

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Limit of detection increased due to matrix interference an
- E Value above quantitation range
- J Analyte reported below quantitation limits
- L Value above calibration range but within annually verifie
- LBP Lead based paint is defined as a paint with greater thar
- PHQC Sample pH was >2. Due to matrix effects, not all quality
- Q Due to matrix effects, not all quality control parameters
- R RPD outside accepted recovery limits

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CLIENT: Hall Environmental Analysis Lab, Inc.
Work Order: 08083785
Project: 0808362

ANALYTICAL QC SUMMARY REPORT

TestCode: U_200.8

Sample ID: MBLK ED 082808 D	SampType: MBLK	TestCode: U_200.8	Units: µg/L	Prep Date:	RunNo: 27257
Client ID: PBW	Batch ID: ED 082808 D	TestNo: E200.8		Analysis Date: 8/28/2008	SeqNo: 519072

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	< 0.51	0.51									

Sample ID: LFB ED 082808 D	SampType: LFB	TestCode: U_200.8	Units: µg/L	Prep Date:	RunNo: 27257
Client ID: ZZZZZZ	Batch ID: ED 082808 D	TestNo: E200.8		Analysis Date: 8/28/2008	SeqNo: 519073

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	2.05	0.51	2.020	0	102	85	115				

Sample ID: 08083470-001A DUP	SampType: DUP	TestCode: U_200.8	Units: µg/L	Prep Date:	RunNo: 27257
Client ID: ZZZZZZ	Batch ID: ED 082808 D	TestNo: E200.8		Analysis Date: 8/28/2008	SeqNo: 519075

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	< 0.50	0.50									

Sample ID: 08083470-001A MS	SampType: MS	TestCode: U_200.8	Units: µg/L	Prep Date:	RunNo: 27257
Client ID: ZZZZZZ	Batch ID: ED 082808 D	TestNo: E200.8		Analysis Date: 8/28/2008	SeqNo: 519076

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Uranium	2.09	0.51	2.020	0	103	70	130				

21

Qualifiers:

- B Analyte detected in the associated Method Blank
- D Limit of detection increased due to matrix interference an
- E Value above quantitation range
- J Analyte reported below quantitation limits
- L Value above calibration range but within annually verifie
- LBP Lead based paint is defined as a paint with greater thar
- PHQC Sample pH was >2. Due to matrix effects, not all quality
- Q Due to matrix effects, not all quality control parameters
- R RPD outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event
Work Order: 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R29899**	Analysis Date:	8/22/2008 9:13:34 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R29899**	Analysis Date:	8/22/2008 9:30:59 AM	
Fluoride	0.5033	mg/L	0.10	101	90	110			
Chloride	4.867	mg/L	0.10	97.3	90	110			
Nitrogen, Nitrite (As N)	0.9855	mg/L	0.10	98.5	90	110			
Nitrogen, Nitrate (As N)	2.482	mg/L	0.10	99.3	90	110			
Phosphorus, Orthophosphate (As P)	4.847	mg/L	0.50	96.9	90	110			
Sulfate	9.922	mg/L	0.50	99.2	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-16900		*MBLK*			Batch ID:	**16900**	Analysis Date:	8/31/2008 1:36:36 AM	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-16900		*LCS*			Batch ID:	**16900**	Analysis Date:	8/31/2008 2:12:02 AM	
Diesel Range Organics (DRO)	5.598	mg/L	1.0	112	74	157			
Sample ID: LCSD-16900		*LCSD*			Batch ID:	**16900**	Analysis Date:	8/31/2008 2:47:27 AM	
Diesel Range Organics (DRO)	5.508	mg/L	1.0	110	74	157	1.62	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R30030**	Analysis Date:	9/2/2008 9:31:32 AM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID:	**R30030**	Analysis Date:	9/3/2008 6:16:02 AM	
Gasoline Range Organics (GRO)	0.4760	mg/L	0.050	95.2	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16886		*MBLK*			Batch ID: **16886**		Analysis Date:		9/2/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
hloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

lifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16886		*MBLK*			Batch ID: 16886		Analysis Date:		9/2/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16886		*LCS*			Batch ID: 16886		Analysis Date:		9/2/2008
Acenaphthene	64.66	µg/L	10	58.5	11	123			
4-Chloro-3-methylphenol	132.8	µg/L	10	66.4	15.4	119			
2-Chlorophenol	132.4	µg/L	10	66.2	12.2	122			
1,4-Dichlorobenzene	60.54	µg/L	10	60.5	16.9	100			
2,4-Dinitrotoluene	64.20	µg/L	10	64.2	13	138			
N-Nitrosodi-n-propylamine	73.26	µg/L	10	73.3	9.93	122			
4-Nitrophenol	72.86	µg/L	10	36.4	12.5	87.4			
Pentachlorophenol	130.4	µg/L	20	65.2	3.55	114			
Phenol	79.06	µg/L	10	39.5	7.53	73.1			
Pyrene	64.08	µg/L	10	59.5	12.6	140			
1,2,4-Trichlorobenzene	61.44	µg/L	10	61.4	17.4	98.7			
Sample ID: lcsd-16886		*LCSD*			Batch ID: 16886		Analysis Date:		9/2/2008
Acenaphthene	63.34	µg/L	10	57.1	11	123	2.06	30.5	
4-Chloro-3-methylphenol	139.7	µg/L	10	69.9	15.4	119	5.09	28.6	
2-Chlorophenol	130.6	µg/L	10	65.3	12.2	122	1.34	107	
1,4-Dichlorobenzene	59.50	µg/L	10	59.5	16.9	100	1.73	62.1	
2,4-Dinitrotoluene	64.80	µg/L	10	64.8	13	138	0.930	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16886		*LCSD*			Batch ID:	**16886**	Analysis Date:		9/2/2008
N-Nitrosodi-n-propylamine	75.68	µg/L	10	75.7	9.93	122	3.25	30.3	
4-Nitrophenol	60.22	µg/L	10	30.1	12.5	87.4	19.0	36.3	
Pentachlorophenol	124.8	µg/L	20	62.4	3.55	114	4.36	49	
Phenol	78.92	µg/L	10	39.5	7.53	73.1	0.177	52.4	
Pyrene	61.02	µg/L	10	56.4	12.6	140	4.89	16.3	
1,2,4-Trichlorobenzene	59.78	µg/L	10	59.8	17.4	98.7	2.74	36.4	
Method: EPA Method 7470: Mercury									
Sample ID: MB-16932		*MBLK*			Batch ID:	**16932**	Analysis Date:		8/31/2008 4:07:28 PM
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-16932		*LCS*			Batch ID:	**16932**	Analysis Date:		8/31/2008 4:09:12 PM
Mercury	0.004916	mg/L	0.00020	98.3	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event
Work Order: 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-16920		*MBLK*			Batch ID: **16920**		Analysis Date:	9/3/2008 2:05:00 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	1.0						
Zinc	ND	mg/L	0.020						
Sample ID: LCS-16920		*LCS*			Batch ID: **16920**		Analysis Date:	9/3/2008 2:07:22 PM	
Arsenic	0.5251	mg/L	0.020	105	80	120			
Barium	0.4887	mg/L	0.010	97.7	80	120			
Cadmium	0.4999	mg/L	0.0020	100	80	120			
Calcium	50.72	mg/L	0.50	100	80	120			
Chromium	0.5075	mg/L	0.0060	102	80	120			
Copper	0.5085	mg/L	0.0060	101	80	120			
Iron	0.4931	mg/L	0.050	98.6	80	120			
Lead	0.4964	mg/L	0.0050	99.3	80	120			
Magnesium	50.56	mg/L	0.50	100	80	120			
Manganese	0.4870	mg/L	0.0020	97.4	80	120			
Potassium	53.65	mg/L	1.0	106	80	120			
Selenium	0.4892	mg/L	0.050	97.8	80	120			
Silver	0.5013	mg/L	0.0050	100	80	120			
Sodium	53.74	mg/L	1.0	106	80	120			
Zinc	0.4862	mg/L	0.020	97.2	80	120			
Method: SM 2540C Total Dissolved Solids									
Sample ID: MB-16898		*MBLK*			Batch ID: **16898**		Analysis Date:	8/26/2008	
Total Dissolved Solids	ND	mg/L	20						
Sample ID: LCS-16898		*LCS*			Batch ID: **16898**		Analysis Date:	8/26/2008	
Total Dissolved Solids	1013	mg/L	20	101	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 0808362-03a MSD		*MSD*			Batch ID: **R29944**		Analysis Date:	8/27/2008 10:28:54 AM	
Benzene	20.88	µg/L	1.0	104	72.4	126	3.34	15	
Toluene	19.75	µg/L	1.0	98.8	79.2	115	2.99	15	
Chlorobenzene	22.20	µg/L	1.0	111	83.1	111	4.04	15	
1,1-Dichloroethene	23.91	µg/L	1.0	120	81.4	122	6.16	17.8	
Trichloroethene (TCE)	19.71	µg/L	1.0	98.5	64.4	118	4.69	19.8	
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29944**		Analysis Date:	8/26/2008 9:10:18 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29944**		Analysis Date:	8/26/2008 9:10:18 AM	
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b8		*MBLK*			Batch ID: **R29944**		Analysis Date:	8/26/2008 11:56:52 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						

Qualifiers:

B	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b8		*MBLK*			Batch ID: **R29944**		Analysis Date: *8/26/2008 11:56:52 PM*		
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b8		*MBLK*			Batch ID:	**R29944**	Analysis Date:	8/26/2008 11:56:52 PM	
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID:	**R29968**	Analysis Date:	8/27/2008 1:41:36 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R29968**		Analysis Date:	8/27/2008 1:41:36 PM	
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b4		*MBLK*			Batch ID: **R29968**		Analysis Date:	8/28/2008 1:47:54 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b4		*MBLK*			Batch ID: **R29968**		Analysis Date:	8/28/2008 1:47:54 AM	
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 Annual Groundwater Event **Work Order:** 0808362

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b4		*MBLK*			Batch ID:	**R29968**	Analysis Date:		8/28/2008 1:47:54 AM
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29944**	Analysis Date:		8/26/2008 10:22:08 AM
Benzene	19.59	µg/L	1.0	97.9	86.8	120			
Toluene	20.66	µg/L	1.0	103	64.1	127			
Chlorobenzene	22.08	µg/L	1.0	110	82.4	113			
1,1-Dichloroethene	24.66	µg/L	1.0	123	86.5	132			
Trichloroethene (TCE)	19.33	µg/L	1.0	96.7	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29944**	Analysis Date:		8/27/2008 1:08:33 AM
Benzene	20.49	µg/L	1.0	102	86.8	120			
Toluene	20.66	µg/L	1.0	103	64.1	127			
Chlorobenzene	23.33	µg/L	1.0	117	82.4	113			S
1,1-Dichloroethene	25.11	µg/L	1.0	126	86.5	132			
Trichloroethene (TCE)	21.06	µg/L	1.0	105	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29968**	Analysis Date:		8/27/2008 2:38:58 PM
Benzene	21.89	µg/L	1.0	109	86.8	120			
Toluene	20.00	µg/L	1.0	100	64.1	127			
Chlorobenzene	22.59	µg/L	1.0	113	82.4	113			
1,1-Dichloroethene	24.83	µg/L	1.0	124	86.5	132			
Trichloroethene (TCE)	21.09	µg/L	1.0	105	77.3	123			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R29968**	Analysis Date:		8/28/2008 2:45:23 AM
Benzene	21.80	µg/L	1.0	109	86.8	120			
Toluene	20.36	µg/L	1.0	102	64.1	127			
Chlorobenzene	22.04	µg/L	1.0	110	82.4	113			
1,1-Dichloroethene	24.09	µg/L	1.0	120	86.5	132			
Trichloroethene (TCE)	19.55	µg/L	1.0	97.8	77.3	123			
Sample ID: 0808362-03a MS		*MS*			Batch ID:	**R29944**	Analysis Date:		8/27/2008 9:53:10 AM
Benzene	21.59	µg/L	1.0	108	72.4	126			
Toluene	20.35	µg/L	1.0	102	79.2	115			
Chlorobenzene	23.11	µg/L	1.0	116	83.1	111			S
1,1-Dichloroethene	25.43	µg/L	1.0	127	81.4	122			S
Trichloroethene (TCE)	20.66	µg/L	1.0	103	64.4	118			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 8/22/2008

Work Order Number 0808362 Received by: AT

Checklist completed by: _____ 8/22/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	6°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company Gallup
Mailing Address: Route 3 Box 7 Gallup, NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: 2008 Annual Groundwater Event
Project #:
Project Manager: Ed Riege
Sampler: Steve Morris
On Ice: X Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0808362	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals w/RCC Total	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem	BOD, COD, TDS	Cyanide	Nitrate	Air Bubbles (Y or N)
8-21-08	0745	H_2O	EP-1 Inlet			-1			X				X			X	X	X				
8-21-08	0815	H_2O	EP-2 Inlet			-2			X							X			X			
8-21-08	1145	H_2O	PW-3			-3							X			X	X			X	X	
8-21-08	1215	H_2O	Blind Dup.			-4										X	X					
			Trip Blank			-5			X							X						

Date	Time	Relinquished by:	Received by:	Date	Time
8-22-08	1030	Steve Morris			
				8/22/08	1030
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Gen Chem = Cations, Anions, pH, and Conductivity.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, September 16, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1 AL-2 EP-1

Order No.: 0808445

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 8/28/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 INLET
Lab Order:	0808445	**Collection Date:**	8/26/2008 1:30:00 PM
Project:	AL-1 AL-2 EP-1	**Date Received:**	8/28/2008
Lab ID:	0808445-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/2/2008
2-Chlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/2/2008
2,4-Dimethylphenol	270	100		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/2/2008
2-Methylphenol	5400	1000		µg/L	10	9/2/2008
3+4-Methylphenol	10000	1000		µg/L	10	9/2/2008
2-Nitrophenol	ND	100		µg/L	1	9/2/2008
4-Nitrophenol	ND	100		µg/L	1	9/2/2008
Pentachlorophenol	ND	200		µg/L	1	9/2/2008
Phenol	21000	1000		µg/L	10	9/2/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	78.9	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	78.9	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	63.2	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	88.8	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	82.6	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	33.7	10.7-80.3		%REC	1	9/2/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 INLET
Lab Order:	0808445	**Collection Date:**	8/26/2008 1:45:00 PM
Project:	AL-1 AL-2 EP-1	**Date Received:**	8/28/2008
Lab ID:	0808445-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/2/2008
2-Chlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/2/2008
2,4-Dimethylphenol	330	100		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/2/2008
2-Methylphenol	4200	1000		µg/L	10	9/2/2008
3+4-Methylphenol	6200	1000		µg/L	10	9/2/2008
2-Nitrophenol	ND	100		µg/L	1	9/2/2008
4-Nitrophenol	ND	100		µg/L	1	9/2/2008
Pentachlorophenol	ND	200		µg/L	1	9/2/2008
Phenol	15000	1000		µg/L	10	9/2/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	36.6	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	72.4	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	44.9	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	56.1	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	79.8	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	20.8	10.7-80.3		%REC	1	9/2/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 INLET
Lab Order:	0808445	**Collection Date:**	8/26/2008 2:10:00 PM
Project:	AL-1 AL-2 EP-1	**Date Received:**	8/28/2008
Lab ID:	0808445-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/2/2008
2-Chlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/2/2008
2,4-Dimethylphenol	260	100		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/2/2008
2-Methylphenol	2300	1000		µg/L	10	9/2/2008
3+4-Methylphenol	2400	1000		µg/L	10	9/2/2008
2-Nitrophenol	ND	100		µg/L	1	9/2/2008
4-Nitrophenol	ND	100		µg/L	1	9/2/2008
Pentachlorophenol	ND	200		µg/L	1	9/2/2008
Phenol	7800	1000		µg/L	10	9/2/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	45.2	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	75.3	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	55.9	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	62.0	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	87.2	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	52.1	10.7-80.3		%REC	1	9/2/2008

Qualifiers:			
	*	Value exceeds Maximum Contaminant Level	
	B	Analyte detected in the associated Method Blank	
	E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	
	MCL	Maximum Contaminant Level	
	ND	Not Detected at the Reporting Limit	
	RL	Reporting Limit	
	S	Spike recovery outside accepted recovery limits	

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0808445**
Order: **08080707 HAL03** Receipt: **08-28-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: *0808445-01A AL-1 INLET* Collected: *08-26-08 13:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-001A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
WBOD08097	WC.2008.2222.15	10-26-4	Biochemical Oxygen Demand	> 2930	mg/L	1	2		08-28-08	09-02-08

Sample: ***0808445-01B AL-1 INLET*** Collected: *08-26-08 13:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-002A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08033	WC.2008.2184.9	C-004	Chemical Oxygen Demand	5120	mg/L	10	10		09-04-08	09-05-08

Sample: *0808445-02A AL-2 INLET* Collected: *08-26-08 13:45:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-003A		EPA 405.1 Biochemical Oxygen Demand						By: NJL		
WBOD08097	WC.2008.2222.16	10-26-4	Biochemical Oxygen Demand	2400	mg/L	1	2		08-28-08	09-02-08

Report Date: 9/11/2008 9:16:26 AM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0808445**
Order: **08080707 HAL03** Receipt: **08-28-08**

Sample: ***0808445-02B AL-2 INLET*** Collected: *08-26-08 13:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-004A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08033	WC.2008.2184.10	C-004	Chemical Oxygen Demand	5360	mg/L	10	10		09-04-08	09-05-08

Sample: ***0808445-03A EP-1 INLET*** Collected: *08-26-08 14:10:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-005A		**EPA 405.1 Biochemical Oxygen Demand**						By: NJL		
WBOD08097	WC.2008.2222.17	10-26-4	Biochemical Oxygen Demand	1530	mg/L	1	2		08-28-08	09-02-08

Sample: ***0808445-03B EP-1 INLET*** Collected: *08-26-08 14:10:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-006A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08033	WC.2008.2184.11	C-004	Chemical Oxygen Demand	6100	mg/L	10	10		09-04-08	09-05-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1 AL-2 EP-1 **Work Order:** 0808445

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16926		*MBLK*			Batch ID: **16926**		Analysis Date:		9/2/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
4-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1 AL-2 EP-1 **Work Order:** 0808445

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16926		*MBLK*			Batch ID: 16926		Analysis Date:		9/2/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16926		*LCS*			Batch ID: 16926		Analysis Date:		9/2/2008
Acenaphthene	55.62	µg/L	10	50.2	11	123			
4-Chloro-3-methylphenol	120.3	µg/L	10	60.2	15.4	119			
2-Chlorophenol	112.7	µg/L	10	56.4	12.2	122			
1,4-Dichlorobenzene	51.18	µg/L	10	51.2	16.9	100			
2,4-Dinitrotoluene	55.04	µg/L	10	55.0	13	138			
N-Nitrosodi-n-propylamine	68.60	µg/L	10	68.6	9.93	122			
4-Nitrophenol	49.66	µg/L	10	24.8	12.5	87.4			
Pentachlorophenol	97.22	µg/L	20	45.2	3.55	114			
Phenol	71.58	µg/L	10	35.8	7.53	73.1			
Pyrene	53.92	µg/L	10	49.4	12.6	140			
1,2,4-Trichlorobenzene	52.90	µg/L	10	52.9	17.4	98.7			
Sample ID: lcsd-16926		*LCSD*			Batch ID: 16926		Analysis Date:		9/2/2008
Acenaphthene	57.76	µg/L	10	52.3	11	123	3.77	30.5	
4-Chloro-3-methylphenol	119.4	µg/L	10	59.7	15.4	119	0.784	28.6	
2-Chlorophenol	108.1	µg/L	10	54.0	12.2	122	4.20	107	
1,4-Dichlorobenzene	52.84	µg/L	10	52.8	16.9	100	3.19	62.1	
2,4-Dinitrotoluene	58.00	µg/L	10	58.0	13	138	5.24	14.7	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1 AL-2 EP-1 **Work Order:** 0808445

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16926		*LCSD*			Batch ID:	16926	Analysis Date:		9/2/2008
N-Nitrosodi-n-propylamine	68.66	µg/L	10	68.7	9.93	122	0.0874	30.3	
4-Nitrophenol	25.04	µg/L	10	12.5	12.5	87.4	65.9	36.3	R
Pentachlorophenol	69.02	µg/L	20	31.1	3.55	114	33.9	49	
Phenol	68.26	µg/L	10	34.1	7.53	73.1	4.75	52.4	
Pyrene	56.96	µg/L	10	52.5	12.6	140	5.48	16.3	
1,2,4-Trichlorobenzene	55.04	µg/L	10	55.0	17.4	98.7	3.97	36.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 8/28/2008

Work Order Number 0808445 Received by: ARS

Checklist completed by: _____ 8/28/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name ~~FedEx~~ UPS AS 8/28

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	6°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN REFINING
GALLUP REFINERY
Address: RT 3 BOX 9
GALLUP NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: AL-1 AL-2 EP-1
Project #:
Project Manager: GAUTAM RAJEN
Sampler: A. Dorsey
On Ice: ☑ Yes ☐ No
Sample Temperature: 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0808445
08/26/08	1330	AL-1 Inlet	1/1000 mL		1
08/26/08	1330	AL-1 Inlet	1/500 mL	H_2SO_4	1
08/26/08	1330	AL-1 Inlet	1/Liter		1
08/26/08	1345	AL-2 Inlet	1/1000 mL		2
08/26/08	1345	AL-2 Inlet	1/500 mL	H_2SO_4	2
08/26/08	1345	AL-2 Inlet	1/Liter		2
08/26/08	1410	EP1-Inlet	1/1000 mL		3
08/26/08	1410	EP1-Inlet	1/500 mL	H_2SO_4	3
08/26/08	1410	EP1-Inlet	1/Liter		3

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	8260	C20	8270 PHEDOL		Air Bubbles (Y or N)
											X				
												X	✓		
													X		
											X				
												X			
													X		
											X				
												X			
													X		

Date:	Time:	Relinquished by:	Received by:	Remarks:
08/26/08				
Date:	Time:	Relinquished by:	Received by: 9:17 8/28/08	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Tuesday, September 16, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1 AL-2 EP-1

Order No.: 0808445

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 8/28/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 INLET
Lab Order:	0808445	**Collection Date:**	8/26/2008 1:30:00 PM
Project:	AL-1 AL-2 EP-1	**Date Received:**	8/28/2008
Lab ID:	0808445-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/2/2008
2-Chlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/2/2008
2,4-Dimethylphenol	270	100		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/2/2008
2-Methylphenol	5400	1000		µg/L	10	9/2/2008
3+4-Methylphenol	10000	1000		µg/L	10	9/2/2008
2-Nitrophenol	ND	100		µg/L	1	9/2/2008
4-Nitrophenol	ND	100		µg/L	1	9/2/2008
Pentachlorophenol	ND	200		µg/L	1	9/2/2008
Phenol	21000	1000		µg/L	10	9/2/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	78.9	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	78.9	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	63.2	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	88.8	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	82.6	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	33.7	10.7-80.3		%REC	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 INLET
Lab Order:	0808445	**Collection Date:**	8/26/2008 1:45:00 PM
Project:	AL-1 AL-2 EP-1	**Date Received:**	8/28/2008
Lab ID:	0808445-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/2/2008
2-Chlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/2/2008
2,4-Dimethylphenol	330	100		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/2/2008
2-Methylphenol	4200	1000		µg/L	10	9/2/2008
3+4-Methylphenol	6200	1000		µg/L	10	9/2/2008
2-Nitrophenol	ND	100		µg/L	1	9/2/2008
4-Nitrophenol	ND	100		µg/L	1	9/2/2008
Pentachlorophenol	ND	200		µg/L	1	9/2/2008
Phenol	15000	1000		µg/L	10	9/2/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	36.6	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	72.4	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	44.9	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	56.1	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	79.8	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	20.8	10.7-80.3		%REC	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *16-Sep-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 INLET
Lab Order:	0808445	**Collection Date:**	8/26/2008 2:10:00 PM
Project:	AL-1 AL-2 EP-1	**Date Received:**	8/28/2008
Lab ID:	0808445-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/2/2008
2-Chlorophenol	ND	100		µg/L	1	9/2/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/2/2008
2,4-Dimethylphenol	260	100		µg/L	1	9/2/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/2/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/2/2008
2-Methylphenol	2300	1000		µg/L	10	9/2/2008
3+4-Methylphenol	2400	1000		µg/L	10	9/2/2008
2-Nitrophenol	ND	100		µg/L	1	9/2/2008
4-Nitrophenol	ND	100		µg/L	1	9/2/2008
Pentachlorophenol	ND	200		µg/L	1	9/2/2008
Phenol	7800	1000		µg/L	10	9/2/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/2/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/2/2008
Surr: 2,4,6-Tribromophenol	45.2	16.6-150		%REC	1	9/2/2008
Surr: 2-Fluorobiphenyl	75.3	19.6-134		%REC	1	9/2/2008
Surr: 2-Fluorophenol	55.9	9.54-113		%REC	1	9/2/2008
Surr: 4-Terphenyl-d14	62.0	22.7-145		%REC	1	9/2/2008
Surr: Nitrobenzene-d5	87.2	14.6-134		%REC	1	9/2/2008
Surr: Phenol-d5	52.1	10.7-80.3		%REC	1	9/2/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: **ANDY FREEMAN**
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0808445**
Order: **08080707 HAL03** Receipt: **08-28-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0808445-01A AL-1 INLET*** Collected: *08-26-08 13:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-001A		**EPA 405.1 Biochemical Oxygen Demand**						By: NJL		
WBOD08097	WC.2008.2222.15	10-26-4	Biochemical Oxygen Demand	> 2930	mg/L	1	2		08-28-08	09-02-08

Sample: ***0808445-01B AL-1 INLET*** Collected: *08-26-08 13:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-002A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08033	WC.2008.2184.9	C-004	Chemical Oxygen Demand	5120	mg/L	10	10		09-04-08	09-05-08

Sample: ***0808445-02A AL-2 INLET*** Collected: *08-26-08 13:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-003A		**EPA 405.1 Biochemical Oxygen Demand**						By: NJL		
WBOD08097	WC.2008.2222.16	10-26-4	Biochemical Oxygen Demand	2400	mg/L	1	2		08-28-08	09-02-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0808445**
Order: **08080707 HAL03** Receipt: **08-28-08**

Sample: ***0808445-02B AL-2 INLET*** Collected: *08-26-08 13:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-004A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08033	WC.2008.2184.10	C-004	Chemical Oxygen Demand	5360	mg/L	10	10		09-04-08	09-05-08

Sample: ***0808445-03A EP-1 INLET*** Collected: *08-26-08 14:10:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-005A		**EPA 405.1 Biochemical Oxygen Demand**						By: NJL		
WBOD08097	WC.2008.2222.17	10-26-4	Biochemical Oxygen Demand	1530	mg/L	1	2		08-28-08	09-02-08

Sample: ***0808445-03B EP-1 INLET*** Collected: *08-26-08 14:10:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08080707-006A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08033	WC.2008.2184.11	C-004	Chemical Oxygen Demand	6100	mg/L	10	10		09-04-08	09-05-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1 AL-2 EP-1 **Work Order:** 0808445

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16926		*MBLK*			Batch ID: **16926**		Analysis Date:		9/2/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
Butyl benzyl phthalate	ND	µg/L	10						
Carbazole	ND	µg/L	10						
[illegible]hloro-3-methylphenol	ND	µg/L	10						
[illegible]Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	10						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	10						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2,4-Dinitrotoluene	ND	µg/L	10						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
Fluorene	ND	µg/L	10						
Hexachlorobenzene	ND	µg/L	10						

[illegible]lifiers:

	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1 AL-2 EP-1 **Work Order:** 0808445

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-16926		*MBLK*			Batch ID: **16926**		Analysis Date:		9/2/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	10						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
[illegible]nanthrene	ND	µg/L	10						
[illegible]henol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	10						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-16926		*LCS*			Batch ID: **16926**		Analysis Date:		9/2/2008
Acenaphthene	55.62	µg/L	10	50.2	11	123			
4-Chloro-3-methylphenol	120.3	µg/L	10	60.2	15.4	119			
2-Chlorophenol	112.7	µg/L	10	56.4	12.2	122			
1,4-Dichlorobenzene	51.18	µg/L	10	51.2	16.9	100			
2,4-Dinitrotoluene	55.04	µg/L	10	55.0	13	138			
N-Nitrosodi-n-propylamine	68.60	µg/L	10	68.6	9.93	122			
4-Nitrophenol	49.66	µg/L	10	24.8	12.5	87.4			
Pentachlorophenol	97.22	µg/L	20	45.2	3.55	114			
Phenol	71.58	µg/L	10	35.8	7.53	73.1			
Pyrene	53.92	µg/L	10	49.4	12.6	140			
1,2,4-Trichlorobenzene	52.90	µg/L	10	52.9	17.4	98.7			
Sample ID: lcsd-16926		*LCSD*			Batch ID: **16926**		Analysis Date:		9/2/2008
Acenaphthene	57.76	µg/L	10	52.3	11	123	3.77	30.5	
4-Chloro-3-methylphenol	119.4	µg/L	10	59.7	15.4	119	0.784	28.6	
2-Chlorophenol	108.1	µg/L	10	54.0	12.2	122	4.20	107	
1,4-Dichlorobenzene	52.84	µg/L	10	52.8	16.9	100	3.19	62.1	
2,4-Dinitrotoluene	58.00	µg/L	10	58.0	13	138	5.24	14.7	

[illegible]lifiers:

[illegible]	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1 AL-2 EP-1 **Work Order:** 0808445

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: lcsd-16926		*LCSD*			Batch ID:	**16926**	Analysis Date:		9/2/2008
N-Nitrosodi-n-propylamine	68.66	µg/L	10	68.7	9.93	122	0.0874	30.3	
4-Nitrophenol	25.04	µg/L	10	12.5	12.5	87.4	65.9	36.3	R
Pentachlorophenol	69.02	µg/L	20	31.1	3.55	114	33.9	49	
Phenol	68.26	µg/L	10	34.1	7.53	73.1	4.75	52.4	
Pyrene	56.96	µg/L	10	52.5	12.6	140	5.48	16.3	
1,2,4-Trichlorobenzene	55.04	µg/L	10	55.0	17.4	98.7	3.97	36.4	

Qualifiers:

	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 8/28/2008

Work Order Number 0808445 Received by: ARS

Checklist completed by: _____ 8/28/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name ~~FedEx~~ UPS AS 8/28

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	6°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

Corrective Action _____

_____

_____

Chain-of-Custody Record

Client: WESTERN REFINING
GALLUP REFINERY
Address: RT 3 BOX 9
GALLUP NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: AL-1 AL-2 EP-1
Project #:
Project Manager: GAURAV RAJEN
Sampler: A. DORSEY
On Ice: ☒ Yes ☐ No
Sample Temperature: 6°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0808445	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	8260	COD	8270 PHENOL		Air Bubbles (Y or N)
08/26/08	1330	AL-1 INLET	1/1000 mL		1												X				
08/26/08	1330	AL-1 INLET	1/500 mL	H_2SO_4	1													X			
08/26/08	1330	AL-1 INLET	1 LITER		1														X		
08/26/08	1345	AL-2 INLET	1/1000 mL		2												X				
08/26/08	1345	AL-2 INLET	1/500 mL	H_2SO_4	2													X			
08/26/08	1345	AL-2 INLET	1 LITER		2														X		
08/26/08	1410	EP1-INLET	1/1000 mL		3												X				
08/26/08	1410	EP1-INLET	1/500 mL	H_2SO_4	3													X			
08/26/08	1410	EP1-INLET	1 LITER		3														X		

Date:	Time:	Relinquished by:	Received by:	Remarks:
08/26/08				
Date:	Time:	Relinquished by:	Received by: 9:17 8/28/08	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, October 13, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Quarterly OCD Samples 3rd Qtr 2008

Order No.: 0809190

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 9/10/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

CLIENT: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008
Lab Order: 0809190

CASE NARRATIVE

"S" flags denote that the surrogate was not recoverable due to sample dilution or matrix interferences.

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0809190	**Collection Date:**	9/9/2008 11:00:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	44	3.0		mg/L	1	9/16/2008
Motor Oil Range Organics (MRO)	19	15		mg/L	1	9/16/2008
Surr: DNOP	127	58-140		%REC	1	9/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/L	100	9/20/2008 10:25:26 AM
Surr: BFB	85.5	59.9-122		%REC	100	9/20/2008 10:25:26 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/22/2008 2:14:11 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:29:21 PM
Barium	0.069	0.010		mg/L	1	9/29/2008 12:29:21 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:29:21 PM
Chromium	0.0072	0.0060		mg/L	1	9/29/2008 12:29:21 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:29:21 PM
Iron	2.5	0.50		mg/L	10	9/29/2008 1:45:25 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:29:21 PM
Manganese	0.13	0.0020		mg/L	1	9/29/2008 12:29:21 PM
Selenium	ND	0.050		mg/L	1	9/29/2008 12:29:21 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:29:21 PM
Zinc	0.19	0.020		mg/L	1	9/29/2008 12:29:21 PM
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Toluene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Ethylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Methyl tert-butyl ether (MTBE)	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2,4-Trimethylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2-Dichloroethane (EDC)	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2-Dibromoethane (EDB)	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Naphthalene	ND	40		µg/L	20	9/16/2008 4:34:12 PM
1-Methylnaphthalene	ND	80		µg/L	20	9/16/2008 4:34:12 PM
2-Methylnaphthalene	ND	80		µg/L	20	9/16/2008 4:34:12 PM
Acetone	2200	200		µg/L	20	9/16/2008 4:34:12 PM
Bromobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Bromodichloromethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Bromoform	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Bromomethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
2-Butanone	ND	200		µg/L	20	9/16/2008 4:34:12 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0809190	**Collection Date:**	9/9/2008 11:00:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Carbon disulfide	ND	200		µg/L	20	9/16/2008 4:34:12 PM
Carbon Tetrachloride	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Chlorobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Chloroethane	ND	40		µg/L	20	9/16/2008 4:34:12 PM
Chloroform	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Chloromethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
2-Chlorotoluene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
4-Chlorotoluene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
cis-1,2-DCE	ND	20		µg/L	20	9/16/2008 4:34:12 PM
cis-1,3-Dichloropropene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2-Dibromo-3-chloropropane	ND	40		µg/L	20	9/16/2008 4:34:12 PM
Dibromochloromethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Dibromomethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2-Dichlorobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,3-Dichlorobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,4-Dichlorobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Dichlorodifluoromethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,1-Dichloroethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,1-Dichloroethene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2-Dichloropropane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,3-Dichloropropane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
2,2-Dichloropropane	ND	40		µg/L	20	9/16/2008 4:34:12 PM
1,1-Dichloropropene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Hexachlorobutadiene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
2-Hexanone	ND	200		µg/L	20	9/16/2008 4:34:12 PM
Isopropylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
4-Isopropyltoluene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
4-Methyl-2-pentanone	ND	200		µg/L	20	9/16/2008 4:34:12 PM
Methylene Chloride	ND	60		µg/L	20	9/16/2008 4:34:12 PM
n-Butylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
n-Propylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
sec-Butylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Styrene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
tert-Butylbenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,1,2,2-Tetrachloroethane	ND	40		µg/L	20	9/16/2008 4:34:12 PM
Tetrachloroethene (PCE)	ND	20		µg/L	20	9/16/2008 4:34:12 PM
trans-1,2-DCE	ND	20		µg/L	20	9/16/2008 4:34:12 PM
trans-1,3-Dichloropropene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,1,1-Trichloroethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2 to EP-1
Lab Order:	0809190	**Collection Date:**	9/9/2008 11:00:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,1,2-Trichloroethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Trichloroethene (TCE)	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Trichlorofluoromethane	ND	20		µg/L	20	9/16/2008 4:34:12 PM
1,2,3-Trichloropropane	ND	40		µg/L	20	9/16/2008 4:34:12 PM
Vinyl chloride	ND	20		µg/L	20	9/16/2008 4:34:12 PM
Xylenes, Total	ND	30		µg/L	20	9/16/2008 4:34:12 PM
Surr: 1,2-Dichloroethane-d4	95.1	68.1-123		%REC	20	9/16/2008 4:34:12 PM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	20	9/16/2008 4:34:12 PM
Surr: Dibromofluoromethane	95.0	68.5-119		%REC	20	9/16/2008 4:34:12 PM
Surr: Toluene-d8	101	64-131		%REC	20	9/16/2008 4:34:12 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0809190	**Collection Date:**	9/9/2008 11:30:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	140	3.0		mg/L	1	9/16/2008
Motor Oil Range Organics (MRO)	42	15		mg/L	1	9/16/2008
Surr: DNOP	133	58-140		%REC	1	9/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	20		mg/L	400	9/20/2008 10:55:37 AM
Surr: BFB	97.5	59.9-122		%REC	400	9/20/2008 10:55:37 AM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Chloride	170	1.0		mg/L	10	9/29/2008 7:57:09 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/16/2008
2-Chlorophenol	ND	50		µg/L	1	9/16/2008
2,4-Dichlorophenol	ND	50		µg/L	1	9/16/2008
2,4-Dimethylphenol	200	50		µg/L	1	9/16/2008
4,6-Dinitro-2-methylphenol	ND	250		µg/L	1	9/16/2008
2,4-Dinitrophenol	ND	250		µg/L	1	9/16/2008
2-Methylphenol	450	75		µg/L	1	9/16/2008
3+4-Methylphenol	600	100		µg/L	1	9/16/2008
2-Nitrophenol	ND	75		µg/L	1	9/16/2008
4-Nitrophenol	ND	250		µg/L	1	9/16/2008
Pentachlorophenol	ND	250		µg/L	1	9/16/2008
Phenol	1300	100		µg/L	2	9/16/2008
Surr: 2,4,6-Tribromophenol	68.1	16.6-150		%REC	1	9/16/2008
Surr: 2-Fluorobiphenyl	84.0	19.6-134		%REC	1	9/16/2008
Surr: 2-Fluorophenol	62.0	9.54-113		%REC	1	9/16/2008
Surr: 4-Terphenyl-d14	74.7	22.7-145		%REC	1	9/16/2008
Surr: Nitrobenzene-d5	88.4	14.6-134		%REC	1	9/16/2008
Surr: Phenol-d5	48.6	10.7-80.3		%REC	1	9/16/2008
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Toluene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2,4-Trimethylbenzene	40	10		µg/L	10	9/16/2008 5:06:34 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Naphthalene	67	20		µg/L	10	9/16/2008 5:06:34 PM
1-Methylnaphthalene	240	40		µg/L	10	9/16/2008 5:06:34 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0809190	**Collection Date:**	9/9/2008 11:30:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
2-Methylnaphthalene	350	40		µg/L	10	9/16/2008 5:06:34 PM
Acetone	1700	100		µg/L	10	9/16/2008 5:06:34 PM
Bromobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Bromoform	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Bromomethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
2-Butanone	210	100		µg/L	10	9/16/2008 5:06:34 PM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 5:06:34 PM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Chloroethane	ND	20		µg/L	10	9/16/2008 5:06:34 PM
Chloroform	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Chloromethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 5:06:34 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 5:06:34 PM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Dibromomethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 5:06:34 PM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
2-Hexanone	ND	100		µg/L	10	9/16/2008 5:06:34 PM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 5:06:34 PM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 5:06:34 PM
n-Butylbenzene	11	10		µg/L	10	9/16/2008 5:06:34 PM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Styrene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0809190	**Collection Date:**	9/9/2008 11:30:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 5:06:34 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 5:06:34 PM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 5:06:34 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 5:06:34 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 5:06:34 PM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 5:06:34 PM
Xylenes, Total	18	15		µg/L	10	9/16/2008 5:06:34 PM
Surr: 1,2-Dichloroethane-d4	106	68.1-123		%REC	10	9/16/2008 5:06:34 PM
Surr: 4-Bromofluorobenzene	108	53.2-145		%REC	10	9/16/2008 5:06:34 PM
Surr: Dibromofluoromethane	105	68.5-119		%REC	10	9/16/2008 5:06:34 PM
Surr: Toluene-d8	96.1	64-131		%REC	10	9/16/2008 5:06:34 PM
SM4500-H+B: PH						Analyst: **KMS**
pH	7.93	0.1		pH units	1	9/11/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:35:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	6.3	3.0		mg/L	1	9/16/2008
Motor Oil Range Organics (MRO)	ND	15		mg/L	1	9/16/2008
Surr: DNOP	130	58-140		%REC	1	9/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	1.0		mg/L	20	9/20/2008 1:27:24 PM
Surr: BFB	85.0	59.9-122		%REC	20	9/20/2008 1:27:24 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/22/2008 2:15:58 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:33:14 PM
Barium	0.017	0.010		mg/L	1	9/29/2008 12:33:14 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:33:14 PM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:33:14 PM
Copper	0.021	0.0060		mg/L	1	9/29/2008 12:33:14 PM
Iron	0.49	0.050		mg/L	1	9/29/2008 12:33:14 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:33:14 PM
Manganese	0.085	0.0020		mg/L	1	9/29/2008 12:33:14 PM
Selenium	ND	0.050		mg/L	1	9/29/2008 12:33:14 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:33:14 PM
Zinc	0.057	0.020		mg/L	1	9/29/2008 12:33:14 PM
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Toluene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Ethylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2,4-Trimethylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Naphthalene	ND	10		µg/L	5	9/17/2008 10:39:49 AM
1-Methylnaphthalene	ND	20		µg/L	5	9/17/2008 10:39:49 AM
2-Methylnaphthalene	ND	20		µg/L	5	9/17/2008 10:39:49 AM
Acetone	300	50		µg/L	5	9/17/2008 10:39:49 AM
Bromobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Bromodichloromethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Bromoform	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Bromomethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
2-Butanone	ND	50		µg/L	5	9/17/2008 10:39:49 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:35:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Carbon disulfide	ND	50		µg/L	5	9/17/2008 10:39:49 AM
Carbon Tetrachloride	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Chlorobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Chloroethane	ND	10		µg/L	5	9/17/2008 10:39:49 AM
Chloroform	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Chloromethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
2-Chlorotoluene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
4-Chlorotoluene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
cis-1,2-DCE	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	9/17/2008 10:39:49 AM
Dibromochloromethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Dibromomethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Dichlorodifluoromethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,1-Dichloroethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,1-Dichloroethene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2-Dichloropropane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,3-Dichloropropane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
2,2-Dichloropropane	ND	10		µg/L	5	9/17/2008 10:39:49 AM
1,1-Dichloropropene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Hexachlorobutadiene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
2-Hexanone	ND	50		µg/L	5	9/17/2008 10:39:49 AM
Isopropylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
4-Isopropyltoluene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
4-Methyl-2-pentanone	ND	50		µg/L	5	9/17/2008 10:39:49 AM
Methylene Chloride	ND	15		µg/L	5	9/17/2008 10:39:49 AM
n-Butylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
n-Propylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
sec-Butylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Styrene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
tert-Butylbenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	9/17/2008 10:39:49 AM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
trans-1,2-DCE	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:35:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,1,2-Trichloroethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Trichloroethene (TCE)	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Trichlorofluoromethane	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
1,2,3-Trichloropropane	ND	10		µg/L	5	9/17/2008 10:39:49 AM
Vinyl chloride	ND	5.0		µg/L	5	9/17/2008 10:39:49 AM
Xylenes, Total	ND	7.5		µg/L	5	9/17/2008 10:39:49 AM
Surr: 1,2-Dichloroethane-d4	94.2	68.1-123		%REC	5	9/17/2008 10:39:49 AM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	5	9/17/2008 10:39:49 AM
Surr: Dibromofluoromethane	97.0	68.5-119		%REC	5	9/17/2008 10:39:49 AM
Surr: Toluene-d8	93.8	64-131		%REC	5	9/17/2008 10:39:49 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:15:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	35	3.0		mg/L	1	9/16/2008
Motor Oil Range Organics (MRO)	ND	15		mg/L	1	9/16/2008
Surr: DNOP	129	58-140		%REC	1	9/16/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	10		mg/L	200	9/20/2008 1:57:38 PM
Surr: BFB	85.1	59.9-122		%REC	200	9/20/2008 1:57:38 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	11	1.0		mg/L	10	9/29/2008 9:06:47 PM
Chloride	78	1.0		mg/L	10	9/29/2008 9:06:47 PM
Nitrate (As N)+Nitrite (As N)	1.8	1.0		mg/L	5	9/30/2008 8:58:57 PM
Phosphorus, Orthophosphate (As P)	14	5.0		mg/L	10	9/30/2008 2:53:21 PM
Sulfate	440	5.0		mg/L	10	9/29/2008 9:06:47 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/22/2008 2:17:45 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:36:25 PM
Barium	0.062	0.010		mg/L	1	9/29/2008 12:36:25 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:36:25 PM
Calcium	42	0.50		mg/L	1	9/29/2008 12:36:25 PM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:36:25 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:36:25 PM
Iron	0.073	0.050		mg/L	1	9/29/2008 12:36:25 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:36:25 PM
Magnesium	9.0	0.50		mg/L	1	9/29/2008 12:36:25 PM
Manganese	0.057	0.0020		mg/L	1	9/29/2008 12:36:25 PM
Potassium	7.7	1.0		mg/L	1	9/29/2008 12:36:25 PM
Selenium	0.052	0.050		mg/L	1	9/29/2008 12:36:25 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:36:25 PM
Sodium	200	5.0		mg/L	10	9/29/2008 1:48:15 PM
Zinc	ND	0.020		mg/L	1	9/29/2008 12:36:25 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Acenaphthene	ND	50		µg/L	1	9/16/2008
Acenaphthylene	ND	50		µg/L	1	9/16/2008
Aniline	2100	500		µg/L	10	9/16/2008
Anthracene	ND	50		µg/L	1	9/16/2008
Azobenzene	ND	50		µg/L	1	9/16/2008
Benz(a)anthracene	ND	50		µg/L	1	9/16/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:15:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Benzo(a)pyrene	ND	50		µg/L	1	9/16/2008
Benzo(b)fluoranthene	ND	50		µg/L	1	9/16/2008
Benzo(g,h,i)perylene	ND	50		µg/L	1	9/16/2008
Benzo(k)fluoranthene	ND	50		µg/L	1	9/16/2008
Benzoic acid	ND	100		µg/L	1	9/16/2008
Benzyl alcohol	ND	50		µg/L	1	9/16/2008
Bis(2-chloroethoxy)methane	ND	50		µg/L	1	9/16/2008
Bis(2-chloroethyl)ether	ND	50		µg/L	1	9/16/2008
Bis(2-chloroisopropyl)ether	ND	50		µg/L	1	9/16/2008
Bis(2-ethylhexyl)phthalate	ND	50		µg/L	1	9/16/2008
4-Bromophenyl phenyl ether	ND	50		µg/L	1	9/16/2008
Butyl benzyl phthalate	ND	50		µg/L	1	9/16/2008
Carbazole	ND	50		µg/L	1	9/16/2008
4-Chloro-3-methylphenol	ND	50		µg/L	1	9/16/2008
4-Chloroaniline	ND	50		µg/L	1	9/16/2008
2-Chloronaphthalene	ND	50		µg/L	1	9/16/2008
2-Chlorophenol	ND	50		µg/L	1	9/16/2008
4-Chlorophenyl phenyl ether	ND	50		µg/L	1	9/16/2008
Chrysene	ND	50		µg/L	1	9/16/2008
Di-n-butyl phthalate	ND	50		µg/L	1	9/16/2008
Di-n-octyl phthalate	ND	50		µg/L	1	9/16/2008
Dibenz(a,h)anthracene	ND	50		µg/L	1	9/16/2008
Dibenzofuran	ND	50		µg/L	1	9/16/2008
1,2-Dichlorobenzene	ND	50		µg/L	1	9/16/2008
1,3-Dichlorobenzene	ND	50		µg/L	1	9/16/2008
1,4-Dichlorobenzene	ND	50		µg/L	1	9/16/2008
3,3'-Dichlorobenzidine	ND	50		µg/L	1	9/16/2008
Diethyl phthalate	ND	50		µg/L	1	9/16/2008
Dimethyl phthalate	ND	50		µg/L	1	9/16/2008
2,4-Dichlorophenol	ND	100		µg/L	1	9/16/2008
2,4-Dimethylphenol	490	50		µg/L	1	9/16/2008
4,6-Dinitro-2-methylphenol	ND	100		µg/L	1	9/16/2008
2,4-Dinitrophenol	ND	100		µg/L	1	9/16/2008
2,4-Dinitrotoluene	ND	50		µg/L	1	9/16/2008
2,6-Dinitrotoluene	ND	50		µg/L	1	9/16/2008
Fluoranthene	ND	50		µg/L	1	9/16/2008
Fluorene	ND	50		µg/L	1	9/16/2008
Hexachlorobenzene	ND	50		µg/L	1	9/16/2008
Hexachlorobutadiene	ND	50		µg/L	1	9/16/2008
Hexachlorocyclopentadiene	ND	50		µg/L	1	9/16/2008
Hexachloroethane	ND	50		µg/L	1	9/16/2008
Indeno(1,2,3-cd)pyrene	ND	50		µg/L	1	9/16/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:15:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
Isophorone	ND	50		µg/L	1	9/16/2008
2-Methylnaphthalene	63	50		µg/L	1	9/16/2008
2-Methylphenol	7400	500		µg/L	10	9/16/2008
3+4-Methylphenol	13000	2500		µg/L	50	9/16/2008
N-Nitrosodi-n-propylamine	ND	50		µg/L	1	9/16/2008
N-Nitrosodimethylamine	ND	50		µg/L	1	9/16/2008
N-Nitrosodiphenylamine	ND	50		µg/L	1	9/16/2008
Naphthalene	76	50		µg/L	1	9/16/2008
2-Nitroaniline	ND	50		µg/L	1	9/16/2008
3-Nitroaniline	ND	50		µg/L	1	9/16/2008
4-Nitroaniline	ND	50		µg/L	1	9/16/2008
Nitrobenzene	ND	50		µg/L	1	9/16/2008
2-Nitrophenol	ND	50		µg/L	1	9/16/2008
4-Nitrophenol	ND	50		µg/L	1	9/16/2008
Pentachlorophenol	ND	100		µg/L	1	9/16/2008
Phenanthrene	ND	50		µg/L	1	9/16/2008
Phenol	25000	2500		µg/L	50	9/16/2008
Pyrene	ND	50		µg/L	1	9/16/2008
Pyridine	ND	50		µg/L	1	9/16/2008
1,2,4-Trichlorobenzene	ND	50		µg/L	1	9/16/2008
2,4,5-Trichlorophenol	ND	50		µg/L	1	9/16/2008
2,4,6-Trichlorophenol	ND	50		µg/L	1	9/16/2008
Surr: 2,4,6-Tribromophenol	76.2	16.6-150		%REC	1	9/16/2008
Surr: 2-Fluorobiphenyl	62.5	19.6-134		%REC	1	9/16/2008
Surr: 2-Fluorophenol	60.4	9.54-113		%REC	1	9/16/2008
Surr: 4-Terphenyl-d14	73.7	22.7-145		%REC	1	9/16/2008
Surr: Nitrobenzene-d5	76.1	14.6-134		%REC	1	9/16/2008
Surr: Phenol-d5	2.31	10.7-80.3	S	%REC	1	9/16/2008
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	360	20		µg/L	20	9/16/2008 7:15:33 PM
Toluene	390	20		µg/L	20	9/16/2008 7:15:33 PM
Ethylbenzene	28	20		µg/L	20	9/16/2008 7:15:33 PM
Methyl tert-butyl ether (MTBE)	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2,4-Trimethylbenzene	53	20		µg/L	20	9/16/2008 7:15:33 PM
1,3,5-Trimethylbenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2-Dichloroethane (EDC)	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2-Dibromoethane (EDB)	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Naphthalene	87	40		µg/L	20	9/16/2008 7:15:33 PM
1-Methylnaphthalene	ND	80		µg/L	20	9/16/2008 7:15:33 PM
2-Methylnaphthalene	ND	80		µg/L	20	9/16/2008 7:15:33 PM
Acetone	17000	1000		µg/L	100	9/16/2008 6:43:25 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:15:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Bromobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Bromodichloromethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Bromoform	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Bromomethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
2-Butanone	1900	200		µg/L	20	9/16/2008 7:15:33 PM
Carbon disulfide	ND	200		µg/L	20	9/16/2008 7:15:33 PM
Carbon Tetrachloride	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Chlorobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Chloroethane	ND	40		µg/L	20	9/16/2008 7:15:33 PM
Chloroform	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Chloromethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
2-Chlorotoluene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
4-Chlorotoluene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
cis-1,2-DCE	ND	20		µg/L	20	9/16/2008 7:15:33 PM
cis-1,3-Dichloropropene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2-Dibromo-3-chloropropane	ND	40		µg/L	20	9/16/2008 7:15:33 PM
Dibromochloromethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Dibromomethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2-Dichlorobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,3-Dichlorobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,4-Dichlorobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Dichlorodifluoromethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,1-Dichloroethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,1-Dichloroethene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2-Dichloropropane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,3-Dichloropropane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
2,2-Dichloropropane	ND	40		µg/L	20	9/16/2008 7:15:33 PM
1,1-Dichloropropene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Hexachlorobutadiene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
2-Hexanone	ND	200		µg/L	20	9/16/2008 7:15:33 PM
Isopropylbenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
4-Isopropyltoluene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
4-Methyl-2-pentanone	ND	200		µg/L	20	9/16/2008 7:15:33 PM
Methylene Chloride	ND	60		µg/L	20	9/16/2008 7:15:33 PM
n-Butylbenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
n-Propylbenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
sec-Butylbenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Styrene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
tert-Butylbenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,1,1,2-Tetrachloroethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,1,2,2-Tetrachloroethane	ND	40		µg/L	20	9/16/2008 7:15:33 PM
Tetrachloroethene (PCE)	ND	20		µg/L	20	9/16/2008 7:15:33 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS Effluent
Lab Order:	0809190	**Collection Date:**	9/9/2008 10:15:00 AM
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
trans-1,2-DCE	ND	20		µg/L	20	9/16/2008 7:15:33 PM
trans-1,3-Dichloropropene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2,3-Trichlorobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2,4-Trichlorobenzene	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,1,1-Trichloroethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,1,2-Trichloroethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Trichloroethene (TCE)	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Trichlorofluoromethane	ND	20		µg/L	20	9/16/2008 7:15:33 PM
1,2,3-Trichloropropane	ND	40		µg/L	20	9/16/2008 7:15:33 PM
Vinyl chloride	ND	20		µg/L	20	9/16/2008 7:15:33 PM
Xylenes, Total	200	30		µg/L	20	9/16/2008 7:15:33 PM
Surr: 1,2-Dichloroethane-d4	93.0	68.1-123		%REC	20	9/16/2008 7:15:33 PM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	20	9/16/2008 7:15:33 PM
Surr: Dibromofluoromethane	94.1	68.5-119		%REC	20	9/16/2008 7:15:33 PM
Surr: Toluene-d8	102	64-131		%REC	20	9/16/2008 7:15:33 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	3300	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	9.44	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT: Western Refining Southwest, Gallup
Client Sample ID: Trip Blank
Lab Order: 0809190
Collection Date:
Project: Quarterly OCD Samples 3rd Qtr 2008
Date Received: 9/10/2008
Lab ID: 0809190-05
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Toluene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Ethylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Naphthalene	ND	2.0		µg/L	1	9/16/2008 8:14:54 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	9/16/2008 8:14:54 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	9/16/2008 8:14:54 PM
Acetone	ND	10		µg/L	1	9/16/2008 8:14:54 PM
Bromobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Bromodichloromethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Bromoform	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Bromomethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
2-Butanone	ND	10		µg/L	1	9/16/2008 8:14:54 PM
Carbon disulfide	ND	10		µg/L	1	9/16/2008 8:14:54 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Chlorobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Chloroethane	ND	2.0		µg/L	1	9/16/2008 8:14:54 PM
Chloroform	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Chloromethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
2-Chlorotoluene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
4-Chlorotoluene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
cis-1,2-DCE	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/16/2008 8:14:54 PM
Dibromochloromethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Dibromomethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/16/2008 8:14:54 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
2-Hexanone	ND	10		µg/L	1	9/16/2008 8:14:54 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *13-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0809190	**Collection Date:**	
Project:	Quarterly OCD Samples 3rd Qtr 2008	**Date Received:**	9/10/2008
Lab ID:	0809190-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Isopropylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/16/2008 8:14:54 PM
Methylene Chloride	ND	3.0		µg/L	1	9/16/2008 8:14:54 PM
n-Butylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
n-Propylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
sec-Butylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Styrene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
tert-Butylbenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/16/2008 8:14:54 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
trans-1,2-DCE	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/16/2008 8:14:54 PM
Vinyl chloride	ND	1.0		µg/L	1	9/16/2008 8:14:54 PM
Xylenes, Total	ND	1.5		µg/L	1	9/16/2008 8:14:54 PM
Surr: 1,2-Dichloroethane-d4	94.8	68.1-123		%REC	1	9/16/2008 8:14:54 PM
Surr: 4-Bromofluorobenzene	96.1	53.2-145		%REC	1	9/16/2008 8:14:54 PM
Surr: Dibromofluoromethane	103	68.5-119		%REC	1	9/16/2008 8:14:54 PM
Surr: Toluene-d8	95.7	64-131		%REC	1	9/16/2008 8:14:54 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
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P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: **ANDY FREEMAN**
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809190**
Order: **08090286 HAL03** Receipt: **09-11-08**

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0809190-02D EP-1*** Collected: *09-09-08 11:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090286-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08036	WC.2008.2367.11	C-004	Chemical Oxygen Demand	1360	mg/L	1	10		09-23-08	09-24-08

Sample: ***0809190-02E EP-1*** Collected: *09-09-08 11:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090286-002A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08103	WC.2008.2324.14	10-26-4	Biochemical Oxygen Demand	262	mg/L	1	2		09-11-08	09-16-08

Sample: ***0809190-03E PILOT EFFLUENT*** Collected: *09-09-08 10:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090286-003A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08036	WC.2008.2367.12	C-004	Chemical Oxygen Demand	795	mg/L	1	10		09-23-08	09-24-08

Report Date: 9/25/2008 1:30:43 PM

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PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**

Project: **0809190**

Order: **08090286 HAL03** Receipt: **09-11-08**

Sample: ***0809190-03F PILOT EFFLUENT*** Collected: *09-09-08 10:35:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090286-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: SRM		
BOD08103	WC.2008.2324.15	10-26-4	Biochemical Oxygen Demand	375	mg/L	1	2		09-11-08	09-16-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 9/25/2008 1:30:43 PM

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914014
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809190
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914014-001	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:45 AM
Client Sample ID	0809190-01D / AL-2 TO EP-1	**Sampling Time**	11:00 AM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	ND	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914014
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809190
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914014-002	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:45 AM
Client Sample ID	0809190-03D / PILOT EFFLUENT	**Sampling Time**	10:35 AM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	ND	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914014
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809190
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914014-003	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:45 AM
Client Sample ID	0809190-04D / NAPIS EFFLUENT	**Sampling Time**	10:15 AM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	ND	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

Authorized Signature

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080914014
Project Name: 0809190

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Uranium	0.0469	mg/L	0.05	93.8	85-115	9/18/2008	9/24/2008

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
080912022-001A	Uranium	0.00238	0.0524	mg/L	0.05	100.0	75-125	9/18/2008	9/24/2008

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Uranium	0.0535	mg/L	0.05	102.2	2.1	0-20	9/18/2008	9/24/2008

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Uranium	ND	mg/L	0.001	9/18/2008	9/24/2008

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87693; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R30447**		Analysis Date:	9/29/2008 10:40:06 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R30470**		Analysis Date:	9/30/2008 9:57:24 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R30447**		Analysis Date:	9/29/2008 10:57:31 AM	
Fluoride	0.5073	mg/L	0.10	101	90	110			
Chloride	4.953	mg/L	0.10	99.1	90	110			
Nitrate (As N)+Nitrite (As N)	3.480	mg/L	0.20	99.4	90	110			
Phosphorus, Orthophosphate (As P)	4.940	mg/L	0.50	98.8	90	110			
Sulfate	10.15	mg/L	0.50	101	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R30470**		Analysis Date:	9/30/2008 10:14:48 AM	
Fluoride	0.5027	mg/L	0.10	101	90	110			
Chloride	4.858	mg/L	0.10	97.2	90	110			
Nitrate (As N)+Nitrite (As N)	3.421	mg/L	0.20	97.7	90	110			
Phosphorus, Orthophosphate (As P)	4.887	mg/L	0.50	97.7	90	110			
Sulfate	10.01	mg/L	0.50	100	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-17076		*MBLK*			Batch ID: **17076**		Analysis Date:	9/16/2008	
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-17076		*LCS*			Batch ID: **17076**		Analysis Date:	9/16/2008	
Diesel Range Organics (DRO)	5.731	mg/L	1.0	115	74	157			
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCSD-17076		*LCSD*			Batch ID: **17076**		Analysis Date:	9/16/2008	
Diesel Range Organics (DRO)	5.941	mg/L	1.0	119	74	157			
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R30302**		Analysis Date:	9/19/2008 2:09:32 PM	
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: LCS-GRO 2.5UG		*LCS*			Batch ID: **R30302**		Analysis Date:	9/20/2008 6:00:23 PM	
Gasoline Range Organics (GRO)	0.4178	mg/L	0.050	83.6	80	115			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17078		*MBLK*			Batch ID: **17078**		Analysis Date:		9/16/2008
Acenaphthene	ND	µg/L	10						
Acenaphthylene	ND	µg/L	10						
Aniline	ND	µg/L	10						
Anthracene	ND	µg/L	10						
Azobenzene	ND	µg/L	10						
Benz(a)anthracene	ND	µg/L	10						
Benzo(a)pyrene	ND	µg/L	10						
Benzo(b)fluoranthene	ND	µg/L	10						
Benzo(g,h,i)perylene	ND	µg/L	10						
Benzo(k)fluoranthene	ND	µg/L	10						
Benzoic acid	ND	µg/L	20						
Benzyl alcohol	ND	µg/L	10						
Bis(2-chloroethoxy)methane	ND	µg/L	10						
Bis(2-chloroethyl)ether	ND	µg/L	10						
Bis(2-chloroisopropyl)ether	ND	µg/L	10						
Bis(2-ethylhexyl)phthalate	ND	µg/L	10						
4-Bromophenyl phenyl ether	ND	µg/L	10						
[redacted] benzyl phthalate	ND	µg/L	10						
C[redacted]azole	ND	µg/L	10						
4-Chloro-3-methylphenol	ND	µg/L	10						
4-Chloroaniline	ND	µg/L	10						
2-Chloronaphthalene	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
4-Chlorophenyl phenyl ether	ND	µg/L	10						
Chrysene	ND	µg/L	10						
Di-n-butyl phthalate	ND	µg/L	10						
Di-n-octyl phthalate	ND	µg/L	10						
Dibenz(a,h)anthracene	ND	µg/L	10						
Dibenzofuran	ND	µg/L	10						
1,2-Dichlorobenzene	ND	µg/L	5.0						
1,3-Dichlorobenzene	ND	µg/L	10						
1,4-Dichlorobenzene	ND	µg/L	5.0						
3,3'-Dichlorobenzidine	ND	µg/L	10						
Diethyl phthalate	ND	µg/L	10						
Dimethyl phthalate	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	5.0						
2,4-Dinitrotoluene	ND	µg/L	5.0						
2,6-Dinitrotoluene	ND	µg/L	10						
Fluoranthene	ND	µg/L	10						
F[redacted]orene	ND	µg/L	10						
[redacted]hlorobenzene	ND	µg/L	5.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: *EPA Method 8270C: Semivolatiles*									
Sample ID: mb-17078		*MBLK*			Batch ID:	**17078**	Analysis Date:		9/16/2008
Hexachlorobutadiene	ND	µg/L	10						
Hexachlorocyclopentadiene	ND	µg/L	10						
Hexachloroethane	ND	µg/L	5.0						
Indeno(1,2,3-cd)pyrene	ND	µg/L	10						
Isophorone	ND	µg/L	10						
2-Methylnaphthalene	ND	µg/L	10						
2-Methylphenol	ND	µg/L	5.0						
3+4-Methylphenol	ND	µg/L	5.0						
N-Nitrosodi-n-propylamine	ND	µg/L	10						
N-Nitrosodimethylamine	ND	µg/L	10						
N-Nitrosodiphenylamine	ND	µg/L	10						
Naphthalene	ND	µg/L	10						
2-Nitroaniline	ND	µg/L	10						
3-Nitroaniline	ND	µg/L	10						
4-Nitroaniline	ND	µg/L	10						
Nitrobenzene	ND	µg/L	5.0						
2-Nitrophenol	ND	µg/L	10						
[illegible]rophenol	ND	µg/L	10						
P[illegible]achlorophenol	ND	µg/L	5.0						
Phenanthrene	ND	µg/L	10						
Phenol	ND	µg/L	10						
Pyrene	ND	µg/L	10						
Pyridine	ND	µg/L	5.0						
1,2,4-Trichlorobenzene	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17078		*LCS*			Batch ID:	**17078**	Analysis Date:		9/16/2008
Acenaphthene	84.08	µg/L	10	84.1	11	123			
4-Chloro-3-methylphenol	87.84	µg/L	10	87.8	15.4	119			
2-Chlorophenol	75.60	µg/L	10	75.6	12.2	122			
1,4-Dichlorobenzene	73.66	µg/L	10	73.7	16.9	100			
2,4-Dinitrotoluene	88.68	µg/L	10	88.7	13	138			
N-Nitrosodi-n-propylamine	96.04	µg/L	10	96.0	9.93	122			
4-Nitrophenol	51.10	µg/L	10	51.1	12.5	87.4			
Pentachlorophenol	66.98	µg/L	20	67.0	3.55	114			
Phenol	57.80	µg/L	10	57.8	7.53	73.1			
Pyrene	83.04	µg/L	10	83.0	12.6	140			
1,2,4-Trichlorobenzene	73.34	µg/L	10	73.3	17.4	98.7			
Method: **EPA Method 7470: Mercury**									
Sample ID: MB-17121		*MBLK*			Batch ID:	**17121**	Analysis Date:		9/22/2008 2:05:26 PM
Mercury	ND	mg/L	0.00020						
[illegible]mple ID: LCS-17121		*LCS*			Batch ID:	**17121**	Analysis Date:		9/22/2008 2:07:11 PM
[illegible]ury	0.004898	mg/L	0.00020	98.0	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-17120		*MBLK*			Batch ID: **17120**		Analysis Date:	9/29/2008 12:08:34 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Copper	ND	mg/L	0.0060						
Iron	ND	mg/L	0.050						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Zinc	ND	mg/L	0.020						
Sample ID: LCS-17120		*LCS*			Batch ID: **17120**		Analysis Date:	9/29/2008 12:11:30 PM	
Arsenic	0.4620	mg/L	0.020	92.4	80	120			
Barium	0.4635	mg/L	0.010	92.7	80	120			
Cadmium	0.4677	mg/L	0.0020	93.5	80	120			
Calcium	46.49	mg/L	0.50	93.0	80	120			
Chromium	0.4618	mg/L	0.0060	92.4	80	120			
Copper	0.4809	mg/L	0.0060	96.2	80	120			
Iron	0.4789	mg/L	0.050	95.8	80	120			
Lead	0.4504	mg/L	0.0050	90.1	80	120			
Magnesium	47.34	mg/L	0.50	94.7	80	120			
Manganese	0.4629	mg/L	0.0020	92.6	80	120			
Potassium	50.29	mg/L	1.0	101	80	120			
Selenium	0.4557	mg/L	0.050	91.1	80	120			
Silver	0.4789	mg/L	0.0050	95.8	80	120			
Sodium	49.85	mg/L	0.50	99.7	80	120			
Zinc	0.4494	mg/L	0.020	89.9	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Method: EPA Method 8260B: VOLATILES
Sample ID: 5ml rb *MBLK* Batch ID: **R30200** Analysis Date: 9/11/2008 8:30:13 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
[redacted]n disulfide	ND	µg/L	10
[redacted]n Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
[redacted]opyltoluene	ND	µg/L	1.0

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30200**		Analysis Date:	9/11/2008 8:30:13 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
'orofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30246**		Analysis Date:	9/16/2008 9:49:48 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
roethane	ND	µg/L	2.0						
oform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30246**		Analysis Date:	9/16/2008 9:49:48 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
[illegible]chloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
[illegible]lenes, Total	ND	µg/L	1.5						
[illegible]le ID: 5ml rb		*MBLK*			Batch ID: **R30268**		Analysis Date:	9/17/2008 8:39:10 AM	

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30268**		Analysis Date: 9/17/2008 8:39:10 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
›n disulfide	ND	µg/L	10						
›on Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
›opropylbenzene	ND	µg/L	1.0						
›ropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30268**		Analysis Date:	9/17/2008 8:39:10 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
[illegible]orofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R30200**		Analysis Date:	9/11/2008 10:45:01 AM	
Benzene	21.66	µg/L	1.0	108	88	116			
Toluene	19.73	µg/L	1.0	98.6	82.9	112			
Chlorobenzene	19.16	µg/L	1.0	95.8	71.4	133			
1,1-Dichloroethene	25.23	µg/L	1.0	126	97.9	140			
Trichloroethene (TCE)	19.18	µg/L	1.0	95.9	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R30246**		Analysis Date:	9/16/2008 10:49:16 AM	
Benzene	20.57	µg/L	1.0	103	88	116			
Toluene	20.91	µg/L	1.0	105	82.9	112			
Chlorobenzene	19.91	µg/L	1.0	99.5	71.4	133			
1,1-Dichloroethene	22.94	µg/L	1.0	115	97.9	140			
Trichloroethene (TCE)	20.13	µg/L	1.0	101	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R30268**		Analysis Date:	9/17/2008 9:38:47 AM	
Benzene	20.14	µg/L	1.0	101	88	116			
Toluene	20.58	µg/L	1.0	103	82.9	112			
Chlorobenzene	19.93	µg/L	1.0	99.7	71.4	133			
1,1-Dichloroethene	22.13	µg/L	1.0	111	97.9	140			
Trichloroethene (TCE)	20.65	µg/L	1.0	103	90.5	112			
Sample ID: 100ng lcsd		*LCSD*			Batch ID: **R30200**		Analysis Date:	9/11/2008 9:09:08 PM	
Benzene	19.82	µg/L	1.0	99.1	88	116	8.84	11	
[illegible]luene	19.19	µg/L	1.0	95.9	82.9	112	2.76	12.2	
[illegible]benzene	19.25	µg/L	1.0	96.3	71.4	133	0.456	12	

Qualifiers:

- E Value above quantitation range
- J Analyte detected below quantitation limits
- R RPD outside accepted recovery limits
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr 2008 **Work Order:** 0809190

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcsd		*LCSD*			Batch ID:	**R30200**	Analysis Date:	9/11/2008 9:09:08 PM	
1,1-Dichloroethene	23.11	µg/L	1.0	116	97.9	140	8.78	19.3	
Trichloroethene (TCE)	18.69	µg/L	1.0	93.5	90.5	112	2.59	15.5	
Sample ID: 100ng lcsd		*LCSD*			Batch ID:	**R30246**	Analysis Date:	9/16/2008 11:11:52 PM	
Benzene	20.44	µg/L	1.0	102	88	116	0.628	11	
Toluene	20.05	µg/L	1.0	100	82.9	112	4.21	12.2	
Chlorobenzene	20.41	µg/L	1.0	102	71.4	133	2.52	12	
1,1-Dichloroethene	22.05	µg/L	1.0	110	97.9	140	3.95	19.3	
Trichloroethene (TCE)	20.62	µg/L	1.0	103	90.5	112	2.42	15.5	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

all Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 9/10/2008

Work Order Number 0809190 Received by: AT

Checklist completed by: _____ 9/10/08 Sample ID labels checked by: AT

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
Samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	3°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

Corrective Action _____

_____

_____

Chain-of-Custody Record

Client: Western Refining Company - Ciniza
Address: I-40 Exit 39
Jamestown, NM 87347
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: Quarterly OCD Samples 3rd Qtr. 2008
Project #:

Project Manager: Gaurav Rajen
Sampler: Steve Morris
On Ice: X Yes ☐ No
Sample Temperature: 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0809190	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDB (Method 8260B) 7 pH	8310 (PNA or PAH)	Anions (F, Cl, NO3, PO4, SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	WQCC Total Metals	BOD - COD	Phenols by 8270	Gen Chem	Air Bubbles (Y or N)
9-9-08	1100	AL-2 to EP-1			-1			X							X		X				
9-9-08	1130	EP-1			-2			X			X		X		X			X	X		
9-9-08	1035	Pilot Effluent			-3			X							X		X	X			
9-9-08	1015	NAPIS Effluent			-4			X							X	X	X			X	
		Trip Blank			-5										X						

Date	Time	Relinquished by:	Received by:	Date	Time
9-10-08	1045	Steve Morris		9/10/08	1045

Remarks: gen chem - anions, cations pH, ec
9/11/08

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Wednesday, October 15, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Quarterly OCD Samples 3rd Qtr. 2008

Order No.: 0809188

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 9 sample(s) on 9/10/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #1
Lab Order:	0809188	**Collection Date:**	9/9/2008 12:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	99	5.0		mg/L	50	9/11/2008 11:12:53 AM
Chloride	150	1.0		mg/L	10	9/11/2008 10:55:29 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	9/11/2008 10:55:29 AM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	9/11/2008 10:55:29 AM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 10:55:29 AM
Sulfate	770	5.0		mg/L	10	9/11/2008 10:55:29 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:02:33 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:39:27 PM
Barium	0.076	0.010		mg/L	1	9/29/2008 12:39:27 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:39:27 PM
Calcium	45	0.50		mg/L	1	9/29/2008 12:39:27 PM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:39:27 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:39:27 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:39:27 PM
Magnesium	14	0.50		mg/L	1	9/29/2008 12:39:27 PM
Manganese	0.22	0.0020		mg/L	1	9/29/2008 12:39:27 PM
Potassium	62	1.0		mg/L	1	9/29/2008 12:39:27 PM
Selenium	ND	0.050		mg/L	1	9/29/2008 12:39:27 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:39:27 PM
Sodium	460	5.0		mg/L	10	10/14/2008 9:47:50 AM
Zinc	0.12	0.020		mg/L	1	9/29/2008 12:39:27 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	3.3	1.0		µg/L	1	9/11/2008 4:39:08 PM
Toluene	5.8	1.0		µg/L	1	9/11/2008 4:39:08 PM
Ethylbenzene	2.6	1.0		µg/L	1	9/11/2008 4:39:08 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2,4-Trimethylbenzene	27	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,3,5-Trimethylbenzene	9.5	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Naphthalene	33	2.0		µg/L	1	9/11/2008 4:39:08 PM
1-Methylnaphthalene	62	4.0		µg/L	1	9/11/2008 4:39:08 PM
2-Methylnaphthalene	88	4.0		µg/L	1	9/11/2008 4:39:08 PM
Acetone	1600	100		µg/L	10	9/11/2008 4:09:33 PM
Bromobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Bromodichloromethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Bromoform	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #1
Lab Order:	0809188	**Collection Date:**	9/9/2008 12:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: BDH
Bromomethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
2-Butanone	150	10		µg/L	1	9/11/2008 4:39:08 PM
Carbon disulfide	39	10		µg/L	1	9/11/2008 4:39:08 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Chlorobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Chloroethane	ND	2.0		µg/L	1	9/11/2008 4:39:08 PM
Chloroform	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Chloromethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
2-Chlorotoluene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
4-Chlorotoluene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
cis-1,2-DCE	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/11/2008 4:39:08 PM
Dibromochloromethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Dibromomethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/11/2008 4:39:08 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
2-Hexanone	ND	10		µg/L	1	9/11/2008 4:39:08 PM
Isopropylbenzene	1.1	1.0		µg/L	1	9/11/2008 4:39:08 PM
4-Isopropyltoluene	2.0	1.0		µg/L	1	9/11/2008 4:39:08 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/11/2008 4:39:08 PM
Methylene Chloride	ND	3.0		µg/L	1	9/11/2008 4:39:08 PM
n-Butylbenzene	8.7	1.0		µg/L	1	9/11/2008 4:39:08 PM
n-Propylbenzene	2.9	1.0		µg/L	1	9/11/2008 4:39:08 PM
sec-Butylbenzene	2.4	1.0		µg/L	1	9/11/2008 4:39:08 PM
Styrene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
tert-Butylbenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/11/2008 4:39:08 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
trans-1,2-DCE	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #1
Lab Order:	0809188	**Collection Date:**	9/9/2008 12:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/11/2008 4:39:08 PM
Vinyl chloride	ND	1.0		µg/L	1	9/11/2008 4:39:08 PM
Xylenes, Total	20	1.5		µg/L	1	9/11/2008 4:39:08 PM
Surr: 1,2-Dichloroethane-d4	90.5	68.1-123		%REC	1	9/11/2008 4:39:08 PM
Surr: 4-Bromofluorobenzene	123	53.2-145		%REC	1	9/11/2008 4:39:08 PM
Surr: Dibromofluoromethane	89.3	68.5-119		%REC	1	9/11/2008 4:39:08 PM
Surr: Toluene-d8	87.3	64-131		%REC	1	9/11/2008 4:39:08 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	4500	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.82	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #2
Lab Order:	0809188	**Collection Date:**	9/9/2008 12:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	48	5.0		mg/L	50	9/11/2008 11:47:42 AM
Chloride	2800	10		mg/L	100	9/29/2008 7:51:28 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	9/11/2008 11:30:17 AM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	9/11/2008 11:30:17 AM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 11:30:17 AM
Sulfate	960	25		mg/L	50	9/11/2008 11:47:42 AM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:08:00 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:50:38 PM
Barium	0.10	0.010		mg/L	1	9/29/2008 12:50:38 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:50:38 PM
Calcium	340	5.0		mg/L	10	10/14/2008 9:50:08 AM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:50:38 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:50:38 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:50:38 PM
Magnesium	84	5.0		mg/L	10	10/14/2008 9:50:08 AM
Manganese	0.21	0.0020		mg/L	1	9/29/2008 12:50:38 PM
Potassium	52	10		mg/L	10	10/14/2008 9:50:08 AM
Selenium	ND	0.25		mg/L	5	10/15/2008 12:49:01 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:50:38 PM
Sodium	1900	50		mg/L	100	10/14/2008 9:29:21 AM
Zinc	0.086	0.020		mg/L	1	9/29/2008 12:50:38 PM
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Benzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Toluene	1.1	1.0		µg/L	1	9/11/2008 6:10:55 PM
Ethylbenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2,4-Trimethylbenzene	6.4	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,3,5-Trimethylbenzene	2.1	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Naphthalene	6.4	2.0		µg/L	1	9/11/2008 6:10:55 PM
1-Methylnaphthalene	16	4.0		µg/L	1	9/11/2008 6:10:55 PM
2-Methylnaphthalene	23	4.0		µg/L	1	9/11/2008 6:10:55 PM
Acetone	360	100		µg/L	10	9/11/2008 5:41:06 PM
Bromobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Bromodichloromethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Bromoform	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Value above quantitation range
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #2
Lab Order:	0809188	**Collection Date:**	9/9/2008 12:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
Bromomethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
2-Butanone	35	10		µg/L	1	9/11/2008 6:10:55 PM
Carbon disulfide	25	10		µg/L	1	9/11/2008 6:10:55 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Chlorobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Chloroethane	ND	2.0		µg/L	1	9/11/2008 6:10:55 PM
Chloroform	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Chloromethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
2-Chlorotoluene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
4-Chlorotoluene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
cis-1,2-DCE	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/11/2008 6:10:55 PM
Dibromochloromethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Dibromomethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/11/2008 6:10:55 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
2-Hexanone	ND	10		µg/L	1	9/11/2008 6:10:55 PM
Isopropylbenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/11/2008 6:10:55 PM
Methylene Chloride	ND	3.0		µg/L	1	9/11/2008 6:10:55 PM
n-Butylbenzene	2.5	1.0		µg/L	1	9/11/2008 6:10:55 PM
n-Propylbenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
sec-Butylbenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Styrene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
tert-Butylbenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/11/2008 6:10:55 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
trans-1,2-DCE	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #2
Lab Order:	0809188	**Collection Date:**	9/9/2008 12:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **BDH**
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/11/2008 6:10:55 PM
Vinyl chloride	ND	1.0		µg/L	1	9/11/2008 6:10:55 PM
Xylenes, Total	4.4	1.5		µg/L	1	9/11/2008 6:10:55 PM
Surr: 1,2-Dichloroethane-d4	91.3	68.1-123		%REC	1	9/11/2008 6:10:55 PM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	9/11/2008 6:10:55 PM
Surr: Dibromofluoromethane	97.0	68.5-119		%REC	1	9/11/2008 6:10:55 PM
Surr: Toluene-d8	96.6	64-131		%REC	1	9/11/2008 6:10:55 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	10000	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.97	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #3
Lab Order:	0809188	**Collection Date:**	9/9/2008 1:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	51	5.0		mg/L	50	9/11/2008 12:22:31 PM
Chloride	2800	10		mg/L	100	9/29/2008 8:08:53 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	9/11/2008 12:05:06 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	9/11/2008 12:05:06 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 12:05:06 PM
Sulfate	1100	25		mg/L	50	9/11/2008 12:22:31 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:09:46 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:52:43 PM
Barium	0.11	0.010		mg/L	1	9/29/2008 12:52:43 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:52:43 PM
Calcium	340	5.0		mg/L	10	10/14/2008 9:52:31 AM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:52:43 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:52:43 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:52:43 PM
Magnesium	87	5.0		mg/L	10	10/14/2008 9:52:31 AM
Manganese	0.21	0.0020		mg/L	1	9/29/2008 12:52:43 PM
Potassium	54	10		mg/L	10	10/14/2008 9:52:31 AM
Selenium	ND	0.25		mg/L	5	10/15/2008 12:51:35 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:52:43 PM
Sodium	2000	50		mg/L	100	10/14/2008 9:31:34 AM
Zinc	0.047	0.020		mg/L	1	9/29/2008 12:52:43 PM
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Toluene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2,4-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Naphthalene	ND	20		µg/L	10	9/16/2008 11:51:24 AM
1-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 11:51:24 AM
2-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 11:51:24 AM
Acetone	110	100		µg/L	10	9/16/2008 11:51:24 AM
Bromobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Bromoform	ND	10		µg/L	10	9/16/2008 11:51:24 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #3
Lab Order:	0809188	**Collection Date:**	9/9/2008 1:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Bromomethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
2-Butanone	ND	100		µg/L	10	9/16/2008 11:51:24 AM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 11:51:24 AM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Chloroethane	ND	20		µg/L	10	9/16/2008 11:51:24 AM
Chloroform	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Chloromethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 11:51:24 AM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 11:51:24 AM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Dibromomethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 11:51:24 AM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
2-Hexanone	ND	100		µg/L	10	9/16/2008 11:51:24 AM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 11:51:24 AM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 11:51:24 AM
n-Butylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Styrene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 11:51:24 AM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 11:51:24 AM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 11:51:24 AM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #3
Lab Order:	0809188	**Collection Date:**	9/9/2008 1:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 11:51:24 AM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 11:51:24 AM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 11:51:24 AM
Xylenes, Total	ND	15		µg/L	10	9/16/2008 11:51:24 AM
Surr: 1,2-Dichloroethane-d4	91.2	68.1-123		%REC	10	9/16/2008 11:51:24 AM
Surr: 4-Bromofluorobenzene	105	53.2-145		%REC	10	9/16/2008 11:51:24 AM
Surr: Dibromofluoromethane	94.9	68.5-119		%REC	10	9/16/2008 11:51:24 AM
Surr: Toluene-d8	94.9	64-131		%REC	10	9/16/2008 11:51:24 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	10000	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.94	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Value above quantitation range
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #4
Lab Order:	0809188	**Collection Date:**	9/9/2008 1:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	49	5.0		mg/L	50	9/11/2008 1:49:34 PM
Chloride	2900	10		mg/L	100	9/29/2008 8:26:18 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	9/11/2008 12:39:56 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	9/11/2008 12:39:56 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 12:39:56 PM
Sulfate	1100	25		mg/L	50	9/11/2008 1:49:34 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:11:32 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:57:46 PM
Barium	0.13	0.010		mg/L	1	9/29/2008 12:57:46 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:57:46 PM
Calcium	320	5.0		mg/L	10	10/14/2008 11:09:50 AM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:57:46 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:57:46 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:57:46 PM
Magnesium	87	5.0		mg/L	10	10/14/2008 11:09:50 AM
Manganese	0.23	0.0020		mg/L	1	9/29/2008 12:57:46 PM
Potassium	54	10		mg/L	10	10/14/2008 11:09:50 AM
Selenium	ND	0.25		mg/L	5	10/15/2008 12:53:31 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:57:46 PM
Sodium	2000	50		mg/L	100	10/14/2008 9:33:47 AM
Zinc	0.021	0.020		mg/L	1	9/29/2008 12:57:46 PM
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Toluene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2,4-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Naphthalene	ND	20		µg/L	10	9/16/2008 12:23:45 PM
1-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 12:23:45 PM
2-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 12:23:45 PM
Acetone	ND	100		µg/L	10	9/16/2008 12:23:45 PM
Bromobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Bromoform	ND	10		µg/L	10	9/16/2008 12:23:45 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0809188
Project: Quarterly OCD Samples 3rd Qtr. 2008
Lab ID: 0809188-04

Client Sample ID: Evap Pond #4
Collection Date: 9/9/2008 1:30:00 PM
Date Received: 9/10/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Bromomethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
2-Butanone	ND	100		µg/L	10	9/16/2008 12:23:45 PM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 12:23:45 PM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Chloroethane	ND	20		µg/L	10	9/16/2008 12:23:45 PM
Chloroform	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Chloromethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 12:23:45 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 12:23:45 PM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Dibromomethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 12:23:45 PM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
2-Hexanone	ND	100		µg/L	10	9/16/2008 12:23:45 PM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 12:23:45 PM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 12:23:45 PM
n-Butylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Styrene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 12:23:45 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 12:23:45 PM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 12:23:45 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #4
Lab Order:	0809188	**Collection Date:**	9/9/2008 1:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 12:23:45 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 12:23:45 PM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 12:23:45 PM
Xylenes, Total	ND	15		µg/L	10	9/16/2008 12:23:45 PM
Surr: 1,2-Dichloroethane-d4	96.1	68.1-123		%REC	10	9/16/2008 12:23:45 PM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	10	9/16/2008 12:23:45 PM
Surr: Dibromofluoromethane	97.4	68.5-119		%REC	10	9/16/2008 12:23:45 PM
Surr: Toluene-d8	96.1	64-131		%REC	10	9/16/2008 12:23:45 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	11000	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.90	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #5
Lab Order:	0809188	**Collection Date:**	9/9/2008 2:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	33	1.0		mg/L	10	9/11/2008 12:57:20 PM
Chloride	3000	10		mg/L	100	9/29/2008 8:43:43 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	9/11/2008 12:57:20 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	9/11/2008 12:57:20 PM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 12:57:20 PM
Sulfate	890	25		mg/L	50	9/11/2008 2:06:59 PM
EPA METHOD 7470: MERCURY						Analyst: SNV
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:13:19 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: NMO
Arsenic	ND	0.020		mg/L	1	9/29/2008 12:59:49 PM
Barium	0.14	0.010		mg/L	1	9/29/2008 12:59:49 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 12:59:49 PM
Calcium	220	5.0		mg/L	10	10/14/2008 11:12:10 AM
Chromium	ND	0.0060		mg/L	1	9/29/2008 12:59:49 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 12:59:49 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 12:59:49 PM
Magnesium	82	5.0		mg/L	10	10/14/2008 11:12:10 AM
Manganese	0.17	0.0020		mg/L	1	9/29/2008 12:59:49 PM
Potassium	70	10		mg/L	10	10/14/2008 11:12:10 AM
Selenium	ND	0.25		mg/L	5	10/15/2008 12:56:08 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 12:59:49 PM
Sodium	2000	50		mg/L	100	10/14/2008 9:37:40 AM
Zinc	ND	0.020		mg/L	1	9/29/2008 12:59:49 PM
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Benzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Toluene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2,4-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Naphthalene	ND	20		µg/L	10	9/16/2008 12:56:02 PM
1-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 12:56:02 PM
2-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 12:56:02 PM
Acetone	ND	100		µg/L	10	9/16/2008 12:56:02 PM
Bromobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Bromoform	ND	10		µg/L	10	9/16/2008 12:56:02 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #5
Lab Order:	0809188	**Collection Date:**	9/9/2008 2:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Bromomethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
2-Butanone	ND	100		µg/L	10	9/16/2008 12:56:02 PM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 12:56:02 PM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Chloroethane	ND	20		µg/L	10	9/16/2008 12:56:02 PM
Chloroform	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Chloromethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 12:56:02 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 12:56:02 PM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Dibromomethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 12:56:02 PM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
2-Hexanone	ND	100		µg/L	10	9/16/2008 12:56:02 PM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 12:56:02 PM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 12:56:02 PM
n-Butylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Styrene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 12:56:02 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 12:56:02 PM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 12:56:02 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #5
Lab Order:	0809188	**Collection Date:**	9/9/2008 2:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-05	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 12:56:02 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 12:56:02 PM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 12:56:02 PM
Xylenes, Total	ND	15		µg/L	10	9/16/2008 12:56:02 PM
Surr: 1,2-Dichloroethane-d4	95.9	68.1-123		%REC	10	9/16/2008 12:56:02 PM
Surr: 4-Bromofluorobenzene	97.1	53.2-145		%REC	10	9/16/2008 12:56:02 PM
Surr: Dibromofluoromethane	97.6	68.5-119		%REC	10	9/16/2008 12:56:02 PM
Surr: Toluene-d8	102	64-131		%REC	10	9/16/2008 12:56:02 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	10000	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.93	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #6
Lab Order:	0809188	**Collection Date:**	9/9/2008 2:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	26	1.0		mg/L	10	9/11/2008 2:24:24 PM
Chloride	4900	20		mg/L	200	9/29/2008 9:01:08 PM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	9/30/2008 11:07:02 AM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 2:24:24 PM
Sulfate	1900	25		mg/L	50	9/11/2008 3:16:38 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:15:06 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.020		mg/L	1	9/29/2008 1:06:01 PM
Barium	0.11	0.010		mg/L	1	9/29/2008 1:06:01 PM
Cadmium	ND	0.0020		mg/L	1	9/29/2008 1:06:01 PM
Calcium	330	5.0		mg/L	10	10/14/2008 11:14:32 AM
Chromium	ND	0.0060		mg/L	1	9/29/2008 1:06:01 PM
Copper	ND	0.0060		mg/L	1	9/29/2008 1:06:01 PM
Lead	ND	0.0050		mg/L	1	9/29/2008 1:06:01 PM
Magnesium	130	5.0		mg/L	10	10/14/2008 11:14:32 AM
Manganese	0.46	0.0020		mg/L	1	9/29/2008 1:06:01 PM
Potassium	130	10		mg/L	10	10/14/2008 11:14:32 AM
Selenium	ND	0.25		mg/L	5	10/15/2008 12:58:57 PM
Silver	ND	0.0050		mg/L	1	9/29/2008 1:06:01 PM
Sodium	3300	50		mg/L	100	10/14/2008 9:39:56 AM
Zinc	ND	0.020		mg/L	1	9/29/2008 1:06:01 PM
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Toluene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2,4-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Naphthalene	ND	20		µg/L	10	9/16/2008 1:28:18 PM
1-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 1:28:18 PM
2-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 1:28:18 PM
Acetone	ND	100		µg/L	10	9/16/2008 1:28:18 PM
Bromobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Bromoform	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Bromomethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #6
Lab Order:	0809188	**Collection Date:**	9/9/2008 2:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
2-Butanone	ND	100		µg/L	10	9/16/2008 1:28:18 PM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 1:28:18 PM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Chloroethane	ND	20		µg/L	10	9/16/2008 1:28:18 PM
Chloroform	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Chloromethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 1:28:18 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 1:28:18 PM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Dibromomethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 1:28:18 PM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
2-Hexanone	ND	100		µg/L	10	9/16/2008 1:28:18 PM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 1:28:18 PM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 1:28:18 PM
n-Butylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Styrene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 1:28:18 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 1:28:18 PM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 1:28:18 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 1:28:18 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #6
Lab Order:	0809188	**Collection Date:**	9/9/2008 2:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-06	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 1:28:18 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 1:28:18 PM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 1:28:18 PM
Xylenes, Total	ND	15		µg/L	10	9/16/2008 1:28:18 PM
Surr: 1,2-Dichloroethane-d4	96.3	68.1-123		%REC	10	9/16/2008 1:28:18 PM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	10	9/16/2008 1:28:18 PM
Surr: Dibromofluoromethane	94.9	68.5-119		%REC	10	9/16/2008 1:28:18 PM
Surr: Toluene-d8	94.8	64-131		%REC	10	9/16/2008 1:28:18 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	16000	0.010		µmhos/cm	1	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.83	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #7
Lab Order:	0809188	**Collection Date:**	9/9/2008 3:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	25	5.0		mg/L	50	9/11/2008 3:34:03 PM
Chloride	38000	100		mg/L	1000	9/29/2008 9:18:33 PM
Nitrate (As N)+Nitrite (As N)	ND	40		mg/L	200	9/30/2008 11:41:51 AM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 2:41:48 PM
Sulfate	8500	500		mg/L	1000	9/29/2008 9:18:33 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:16:54 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.20		mg/L	10	9/29/2008 2:31:54 PM
Barium	0.11	0.10		mg/L	10	9/29/2008 2:31:54 PM
Cadmium	ND	0.020		mg/L	10	9/29/2008 2:31:54 PM
Calcium	730	5.0		mg/L	10	10/14/2008 11:19:33 AM
Chromium	ND	0.060		mg/L	10	9/29/2008 2:31:54 PM
Copper	ND	0.060		mg/L	10	9/29/2008 2:31:54 PM
Lead	ND	0.050		mg/L	10	9/29/2008 2:31:54 PM
Magnesium	960	50		mg/L	100	10/14/2008 9:42:08 AM
Manganese	5.8	0.020		mg/L	10	9/29/2008 2:31:54 PM
Potassium	1100	100		mg/L	100	10/14/2008 9:42:08 AM
Selenium	ND	0.50		mg/L	10	9/29/2008 2:31:54 PM
Silver	ND	0.050		mg/L	10	9/29/2008 2:31:54 PM
Sodium	28000	500		mg/L	1000	10/14/2008 8:11:29 PM
Zinc	ND	0.20		mg/L	10	9/29/2008 2:31:54 PM
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Toluene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2,4-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Naphthalene	ND	20		µg/L	10	9/16/2008 2:00:30 PM
1-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 2:00:30 PM
2-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 2:00:30 PM
Acetone	ND	100		µg/L	10	9/16/2008 2:00:30 PM
Bromobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Bromoform	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Bromomethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #7
Lab Order:	0809188	**Collection Date:**	9/9/2008 3:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
2-Butanone	ND	100		µg/L	10	9/16/2008 2:00:30 PM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 2:00:30 PM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Chloroethane	ND	20		µg/L	10	9/16/2008 2:00:30 PM
Chloroform	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Chloromethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 2:00:30 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 2:00:30 PM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Dibromomethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 2:00:30 PM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
2-Hexanone	ND	100		µg/L	10	9/16/2008 2:00:30 PM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 2:00:30 PM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 2:00:30 PM
n-Butylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Styrene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 2:00:30 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 2:00:30 PM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 2:00:30 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 2:00:30 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #7
Lab Order:	0809188	**Collection Date:**	9/9/2008 3:00:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-07	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 2:00:30 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 2:00:30 PM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 2:00:30 PM
Xylenes, Total	ND	15		µg/L	10	9/16/2008 2:00:30 PM
Surr: 1,2-Dichloroethane-d4	97.5	68.1-123		%REC	10	9/16/2008 2:00:30 PM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	10	9/16/2008 2:00:30 PM
Surr: Dibromofluoromethane	98.1	68.5-119		%REC	10	9/16/2008 2:00:30 PM
Surr: Toluene-d8	101	64-131		%REC	10	9/16/2008 2:00:30 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	110000	0.10		µmhos/cm	10	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.52	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #8
Lab Order:	0809188	**Collection Date:**	9/9/2008 3:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	26	1.0		mg/L	10	9/11/2008 2:59:13 PM
Chloride	17000	50		mg/L	500	9/29/2008 9:35:58 PM
Nitrate (As N)+Nitrite (As N)	ND	20		mg/L	100	9/30/2008 11:59:15 AM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	9/11/2008 2:59:13 PM
Sulfate	3400	25		mg/L	50	9/11/2008 3:51:28 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	9/18/2008 3:18:41 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **NMO**
Arsenic	ND	0.10		mg/L	5	9/29/2008 2:53:34 PM
Barium	0.12	0.050		mg/L	5	9/29/2008 2:53:34 PM
Cadmium	ND	0.010		mg/L	5	9/29/2008 2:53:34 PM
Calcium	530	5.0		mg/L	10	10/14/2008 11:22:52 AM
Chromium	ND	0.030		mg/L	5	9/29/2008 2:53:34 PM
Copper	ND	0.030		mg/L	5	9/29/2008 2:53:34 PM
Lead	ND	0.025		mg/L	5	9/29/2008 2:53:34 PM
Magnesium	420	5.0		mg/L	10	10/14/2008 11:22:52 AM
Manganese	2.4	0.010		mg/L	5	9/29/2008 2:53:34 PM
Potassium	800	100		mg/L	100	10/14/2008 9:45:28 AM
Selenium	ND	0.25		mg/L	5	9/29/2008 2:53:34 PM
Silver	ND	0.025		mg/L	5	9/29/2008 2:53:34 PM
Sodium	9500	50		mg/L	100	10/14/2008 9:45:28 AM
Zinc	ND	0.10		mg/L	5	9/29/2008 2:53:34 PM
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Toluene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Ethylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Methyl tert-butyl ether (MTBE)	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2,4-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,3,5-Trimethylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2-Dichloroethane (EDC)	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2-Dibromoethane (EDB)	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Naphthalene	ND	20		µg/L	10	9/16/2008 2:32:50 PM
1-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 2:32:50 PM
2-Methylnaphthalene	ND	40		µg/L	10	9/16/2008 2:32:50 PM
Acetone	ND	100		µg/L	10	9/16/2008 2:32:50 PM
Bromobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Bromodichloromethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Bromoform	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Bromomethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #8
Lab Order:	0809188	**Collection Date:**	9/9/2008 3:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
2-Butanone	ND	100		µg/L	10	9/16/2008 2:32:50 PM
Carbon disulfide	ND	100		µg/L	10	9/16/2008 2:32:50 PM
Carbon Tetrachloride	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Chlorobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Chloroethane	ND	20		µg/L	10	9/16/2008 2:32:50 PM
Chloroform	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Chloromethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
2-Chlorotoluene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
4-Chlorotoluene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
cis-1,2-DCE	ND	10		µg/L	10	9/16/2008 2:32:50 PM
cis-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2-Dibromo-3-chloropropane	ND	20		µg/L	10	9/16/2008 2:32:50 PM
Dibromochloromethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Dibromomethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,3-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,4-Dichlorobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Dichlorodifluoromethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,1-Dichloroethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,1-Dichloroethene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2-Dichloropropane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,3-Dichloropropane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
2,2-Dichloropropane	ND	20		µg/L	10	9/16/2008 2:32:50 PM
1,1-Dichloropropene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Hexachlorobutadiene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
2-Hexanone	ND	100		µg/L	10	9/16/2008 2:32:50 PM
Isopropylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
4-Isopropyltoluene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
4-Methyl-2-pentanone	ND	100		µg/L	10	9/16/2008 2:32:50 PM
Methylene Chloride	ND	30		µg/L	10	9/16/2008 2:32:50 PM
n-Butylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
n-Propylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
sec-Butylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Styrene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
tert-Butylbenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,1,1,2-Tetrachloroethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,1,2,2-Tetrachloroethane	ND	20		µg/L	10	9/16/2008 2:32:50 PM
Tetrachloroethene (PCE)	ND	10		µg/L	10	9/16/2008 2:32:50 PM
trans-1,2-DCE	ND	10		µg/L	10	9/16/2008 2:32:50 PM
trans-1,3-Dichloropropene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2,3-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	10	9/16/2008 2:32:50 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Evap Pond #8
Lab Order:	0809188	**Collection Date:**	9/9/2008 3:30:00 PM
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-08	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
1,1,1-Trichloroethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,1,2-Trichloroethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Trichloroethene (TCE)	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Trichlorofluoromethane	ND	10		µg/L	10	9/16/2008 2:32:50 PM
1,2,3-Trichloropropane	ND	20		µg/L	10	9/16/2008 2:32:50 PM
Vinyl chloride	ND	10		µg/L	10	9/16/2008 2:32:50 PM
Xylenes, Total	ND	15		µg/L	10	9/16/2008 2:32:50 PM
Surr: 1,2-Dichloroethane-d4	99.1	68.1-123		%REC	10	9/16/2008 2:32:50 PM
Surr: 4-Bromofluorobenzene	108	53.2-145		%REC	10	9/16/2008 2:32:50 PM
Surr: Dibromofluoromethane	98.9	68.5-119		%REC	10	9/16/2008 2:32:50 PM
Surr: Toluene-d8	100	64-131		%REC	10	9/16/2008 2:32:50 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMS**
Specific Conductance	51000	0.10		µmhos/cm	10	9/11/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.75	0.1		pH units	1	9/11/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0809188	**Collection Date:**	
Project:	Quarterly OCD Samples 3rd Qtr. 2008	**Date Received:**	9/10/2008
Lab ID:	0809188-09	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **NSB**
Benzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Toluene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Ethylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Naphthalene	ND	2.0		µg/L	1	9/16/2008 4:01:55 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	9/16/2008 4:01:55 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	9/16/2008 4:01:55 PM
Acetone	ND	10		µg/L	1	9/16/2008 4:01:55 PM
Bromobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Bromodichloromethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Bromoform	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Bromomethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
2-Butanone	ND	10		µg/L	1	9/16/2008 4:01:55 PM
Carbon disulfide	ND	10		µg/L	1	9/16/2008 4:01:55 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Chlorobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Chloroethane	ND	2.0		µg/L	1	9/16/2008 4:01:55 PM
Chloroform	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Chloromethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
2-Chlorotoluene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
4-Chlorotoluene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
cis-1,2-DCE	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	9/16/2008 4:01:55 PM
Dibromochloromethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Dibromomethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	9/16/2008 4:01:55 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
2-Hexanone	ND	10		µg/L	1	9/16/2008 4:01:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *15-Oct-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0809188
Project: Quarterly OCD Samples 3rd Qtr. 2008
Lab ID: 0809188-09

Client Sample ID: Trip Blank
Collection Date:
Date Received: 9/10/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: NSB
Isopropylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	9/16/2008 4:01:55 PM
Methylene Chloride	ND	3.0		µg/L	1	9/16/2008 4:01:55 PM
n-Butylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
n-Propylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
sec-Butylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Styrene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
tert-Butylbenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	9/16/2008 4:01:55 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
trans-1,2-DCE	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	9/16/2008 4:01:55 PM
Vinyl chloride	ND	1.0		µg/L	1	9/16/2008 4:01:55 PM
Xylenes, Total	ND	1.5		µg/L	1	9/16/2008 4:01:55 PM
Surr: 1,2-Dichloroethane-d4	97.8	68.1-123		%REC	1	9/16/2008 4:01:55 PM
Surr: 4-Bromofluorobenzene	97.3	53.2-145		%REC	1	9/16/2008 4:01:55 PM
Surr: Dibromofluoromethane	96.7	68.5-119		%REC	1	9/16/2008 4:01:55 PM
Surr: Toluene-d8	97.6	64-131		%REC	1	9/16/2008 4:01:55 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809188
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-001	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-01D / EVAP POND #1	**Sampling Time**	12:00 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	ND	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809188
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-002	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-02D / EVAP POND #2	**Sampling Time**	12:30 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00207	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

Anatek Labs, Inc.

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809188
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-003	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-03D / EVAP POND #3	**Sampling Time**	1:00 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00237	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D	**Project Name:**	0809188
	ALBUQUERQUE, NM 87109		
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-004	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-04D / EVAP POND #4	**Sampling Time**	1:30 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00187	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D	**Project Name:**	0809188
	ALBUQUERQUE, NM 87109		
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-005	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-05D / EVAP POND #5	**Sampling Time**	2:00 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00142	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809188
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-006	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-06D / EVAP POND #6	**Sampling Time**	2:30 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00125	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809188
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-007	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-07D / EVAP POND #7	**Sampling Time**	3:00 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00103	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	080914015
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	0809188
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	080914015-008	**Sampling Date**	9/9/2008	**Date/Time Received**	9/12/2008 10:15 AM
Client Sample ID	0809188-08D / EVAP POND #8	**Sampling Time**	3:30 PM		
Matrix	Water				
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Uranium	0.00148	mg/L	0.001	9/24/2008	DMB	EPA 6020A	

Authorized Signature

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 080914015
Project Name: 0809188

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Uranium	0.0469	mg/L	0.05	93.8	85-115	9/18/2008	9/24/2008

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
080912022-001A	Uranium	0.00238	0.0524	mg/L	0.05	100.0	75-125	9/18/2008	9/24/2008

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Uranium	0.0535	mg/L	0.05	102.2	2.1	0-20	9/18/2008	9/24/2008

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Uranium	ND	mg/L	0.001	9/18/2008	9/24/2008

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; IN:C-ID-01; KY:90142; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C1320
Certifications held by Anatek Labs WA: EPA:WA00169; CA:Cert2632; ID:WA00169; WA:C1287

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0809188
Order: 08090285 HAL03 Receipt: 09-11-08

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0809188-01E EVAP POND #1* Collected: *09-09-08 12:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08035	WC.2008.2341.13	C-004	Chemical Oxygen Demand	3000	mg/L	10	10		09-22-08	09-23-08

Sample: *0809188-01F EVAP POND #1* Collected: *09-09-08 12:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-002A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08103	WC.2008.2324.5	10-26-4	Biochemical Oxygen Demand	299	mg/L	1	2		09-11-08	09-16-08

Sample: *0809188-02E EVAP POND #2* Collected: *09-09-08 12:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-003A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08035	WC.2008.2341.14	C-004	Chemical Oxygen Demand	2500	mg/L	10	10		09-22-08	09-23-08

Report Date: 9/25/2008 1:30:57 PM

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Certificate of Analysis

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HALL ENVIRONMENTAL

Project: **0809188**

Order: **08090285 HAL03** Receipt: **09-11-08**

Sample: ***0809188-02F EVAP POND #2*** Collected: *09-09-08 12:30:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-004A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08103	WC.2008.2324.7	10-26-4	Biochemical Oxygen Demand	122	mg/L	1	2		09-11-08	09-16-08

Sample: ***0809188-03E EVAP POND #3*** Collected: *09-09-08 13:00:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-005A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08035	WC.2008.2341.10	C-004	Chemical Oxygen Demand	950	mg/L	1	10		09-22-08	09-23-08

Sample: ***0809188-03F EVAP POND #3*** Collected: *09-09-08 13:00:00* By:

Matrix: ***AQUEOUS***

up	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-006A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08103	WC.2008.2324.8	10-26-4	Biochemical Oxygen Demand	73.0	mg/L	1	2		09-11-08	09-16-08

Sample: ***0809188-04E EVAP POND #4*** Collected: *09-09-08 13:30:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-007A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08035	WC.2008.2341.11	C-004	Chemical Oxygen Demand	850	mg/L	1	10		09-22-08	09-23-08

Sample: ***0809188-04F EVAP POND #4*** Collected: *09-09-08 13:30:00* By:

Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-008A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08103	WC.2008.2324.9	10-26-4	Biochemical Oxygen Demand	68.0	mg/L	1	2		09-11-08	09-16-08

Sample: ***0809188-05E EVAP POND #5*** Collected: *09-09-08 14:00:00* By:

Matrix: ***AQUEOUS***

up	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
8090285-009A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
VCOD08036	WC.2008.2367.9	C-004	Chemical Oxygen Demand	667	mg/L	1	10		09-23-08	09-24-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809188**
Order: **08090285** **HAL03** Receipt: **09-11-08**

Sample: ***0809188-05E EVAP POND #5*** Collected: *09-09-08 14:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date

Sample: ***0809188-05F EVAP POND #5*** Collected: *09-09-08 14:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
8090285-010A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
OD08103	WC.2008.2324.10	10-26-4	Biochemical Oxygen Demand	59.0	mg/L	1	2		09-11-08	09-16-08

Sample: ***0809188-06E EVAP POND #6*** Collected: *09-09-08 14:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
[redacted]5-011A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
[redacted]036	WC.2008.2367.10	C-004	Chemical Oxygen Demand	949	mg/L	1	10		09-23-08	09-24-08

Sample: ***0809188-06F EVAP POND #6*** Collected: *09-09-08 14:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
8090285-012A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
OD08103	WC.2008.2324.11	10-26-4	Biochemical Oxygen Demand	47.0	mg/L	1	2		09-11-08	09-16-08

Sample: ***0809188-07E EVAP POND #7*** Collected: *09-09-08 15:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
8090285-013A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
COD08036	WC.2008.2367.18	C-004	Chemical Oxygen Demand	3330	mg/L	10	10		09-23-08	09-24-08

Sample: ***0809188-07F EVAP POND #7*** Collected: *09-09-08 15:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
[redacted]285-014A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
[redacted]	WC.2008.2324.12	10-26-4	Biochemical Oxygen Demand	47.8	mg/L	1	2		09-11-08	09-16-08

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Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0809188
Order: 08090285 HAL03 Receipt: 09-11-08

Sample: *0809188-08E EVAP POND #8* Collected: *09-09-08 15:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-015A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08036	WC.2008.2367.19	C-004	Chemical Oxygen Demand	3080	mg/L	10	10		09-23-08	09-24-08

Sample: *0809188-08F EVAP POND #8* Collected: *09-09-08 15:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090285-016A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08103	WC.2008.2324.13	10-26-4	Biochemical Oxygen Demand	Less Than 16.0	mg/L	1	2		09-11-08	09-16-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R30199**	Analysis Date:	9/11/2008 10:20:40 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R30447**	Analysis Date:	9/29/2008 10:40:06 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R30454**	Analysis Date:	9/29/2008 9:24:46 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
[illegible]gen, Nitrate (As N)	ND	mg/L	0.10						
[illegible]e (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R30470**	Analysis Date:	9/30/2008 9:57:24 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R30199**	Analysis Date:	9/11/2008 10:38:05 AM	
Fluoride	0.5471	mg/L	0.10	109	90	110			
Chloride	5.023	mg/L	0.10	100	90	110			
Nitrogen, Nitrite (As N)	0.9259	mg/L	0.10	92.6	90	110			
Nitrogen, Nitrate (As N)	2.602	mg/L	0.10	104	90	110			
Nitrate (As N)+Nitrite (As N)	3.527	mg/L	0.20	101	90	110			
Phosphorus, Orthophosphate (As P)	5.148	mg/L	0.50	103	90	110			
Sulfate	10.29	mg/L	0.50	103	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R30447**	Analysis Date:	9/29/2008 10:57:31 AM	
Fluoride	0.5073	mg/L	0.10	101	90	110			
Chloride	4.953	mg/L	0.10	99.1	90	110			
Nitrate (As N)+Nitrite (As N)	3.480	mg/L	0.20	99.4	90	110			
Phosphorus, Orthophosphate (As P)	4.940	mg/L	0.50	98.8	90	110			
Sulfate	10.15	mg/L	0.50	101	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R30454**	Analysis Date:	9/29/2008 9:42:10 AM	
[illegible]ide	0.4616	mg/L	0.10	92.3	90	110			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: LCS		*LCS*			Batch ID: **R30454**		Analysis Date:	9/29/2008 9:42:10 AM	
Chloride	4.883	mg/L	0.10	97.7	90	110			
Nitrogen, Nitrite (As N)	1.011	mg/L	0.10	101	90	110			
Nitrogen, Nitrate (As N)	2.469	mg/L	0.10	98.8	90	110			
Nitrate (As N)+Nitrite (As N)	3.480	mg/L	0.20	99.4	90	110			
Phosphorus, Orthophosphate (As P)	5.036	mg/L	0.50	101	90	110			
Sulfate	9.924	mg/L	0.50	99.2	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R30470**		Analysis Date:	9/30/2008 10:14:48 AM	
Fluoride	0.5027	mg/L	0.10	101	90	110			
Chloride	4.858	mg/L	0.10	97.2	90	110			
Nitrate (As N)+Nitrite (As N)	3.421	mg/L	0.20	97.7	90	110			
Phosphorus, Orthophosphate (As P)	4.887	mg/L	0.50	97.7	90	110			
Sulfate	10.01	mg/L	0.50	100	90	110			
Method: EPA Method 7470: Mercury									
Sample ID: MB-17098		*MBLK*			Batch ID: **17098**		Analysis Date:	9/18/2008 2:33:46 PM	
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-17098		*LCS*			Batch ID: **17098**		Analysis Date:	9/18/2008 2:35:33 PM	
Mercury	0.004814	mg/L	0.00020	96.3	80	120			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: 0809188-08CMSD		*MSD*			Batch ID:	**17120**	Analysis Date:		9/29/2008 1:17:51 PM
Zinc	0.3846	mg/L	0.020	74.7	75	125	10.8	20	S
Sample ID: 0809188-08CMS		*MSD*			Batch ID:	**17120**	Analysis Date:		9/29/2008 3:01:23 PM
Arsenic	0.4032	mg/L	0.10	80.6	75	125	22.8	20	R
Barium	0.5904	mg/L	0.050	93.8	75	125	2.47	20	
Cadmium	0.4938	mg/L	0.010	98.8	75	125	0.573	20	
Chromium	0.4832	mg/L	0.030	96.6	75	125	2.75	20	
Copper	0.5519	mg/L	0.030	110	75	125	5.31	20	
Lead	0.4323	mg/L	0.025	86.5	75	125	1.54	20	
Selenium	ND	mg/L	0.25	0	75	125	0	20	S
Silver	0.5204	mg/L	0.025	104	75	125	1.18	20	
Zinc	0.4705	mg/L	0.10	94.1	75	125	0.977	20	
Sample ID: MB-17120		*MBLK*			Batch ID:	**17120**	Analysis Date:		9/29/2008 12:08:34 PM
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
[illegible]er	ND	mg/L	0.0060						
[illegible]	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Manganese	ND	mg/L	0.0020						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Zinc	ND	mg/L	0.020						
Sample ID: LCS-17120		*LCS*			Batch ID:	**17120**	Analysis Date:		9/29/2008 12:11:30 PM
Arsenic	0.4620	mg/L	0.020	92.4	80	120			
Barium	0.4635	mg/L	0.010	92.7	80	120			
Cadmium	0.4677	mg/L	0.0020	93.5	80	120			
Calcium	46.49	mg/L	0.50	93.0	80	120			
Chromium	0.4618	mg/L	0.0060	92.4	80	120			
Copper	0.4809	mg/L	0.0060	96.2	80	120			
Lead	0.4504	mg/L	0.0050	90.1	80	120			
Magnesium	47.34	mg/L	0.50	94.7	80	120			
Manganese	0.4629	mg/L	0.0020	92.6	80	120			
Potassium	50.29	mg/L	1.0	101	80	120			
Selenium	0.4557	mg/L	0.050	91.1	80	120			
Silver	0.4789	mg/L	0.0050	95.8	80	120			
Sodium	49.85	mg/L	0.50	99.7	80	120			
Zinc	0.4494	mg/L	0.020	89.9	80	120			
Sample ID: 0809188-08CMS		*MS*			Batch ID:	**17120**	Analysis Date:		9/29/2008 1:13:36 PM
[illegible]	0.4286	mg/L	0.020	83.5	75	125			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

ent: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: 0809188-08CMS		*MS*			Batch ID: **17120**		Analysis Date:	9/29/2008 2:57:29 PM	
Arsenic	0.5067	mg/L	0.10	101	75	125			
Barium	0.5760	mg/L	0.050	90.9	75	125			
Cadmium	0.4909	mg/L	0.010	98.2	75	125			
Chromium	0.4701	mg/L	0.030	94.0	75	125			
Copper	0.5234	mg/L	0.030	105	75	125			
Lead	0.4257	mg/L	0.025	85.1	75	125			
Selenium	ND	mg/L	0.25	0	75	125			S
Silver	0.5142	mg/L	0.025	103	75	125			
Zinc	0.4660	mg/L	0.10	93.2	75	125			

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

ent: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30200**		Analysis Date:	9/11/2008 8:30:13 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30200**		Analysis Date:	9/11/2008 8:30:13 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
[illegible]ichlorofluoromethane	ND	µg/L	1.0						
[illegible]-Trichloropropane	ND	µg/L	2.0						
V[illegible]yl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30246**		Analysis Date:	9/16/2008 9:49:48 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
[illegible]oroform	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30246**		Analysis Date:	9/16/2008 9:49:48 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
[illegible]-Dichloropropene	ND	µg/L	1.0						
[illegible]chlorobutadiene	ND	µg/L	1.0						
2-[illegible]exanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
[illegible]ple ID: 100ng lcs		*LCS*			Batch ID: **R30200**		Analysis Date:	9/11/2008 10:45:01 AM	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly OCD Samples 3rd Qtr. 2008 **Work Order:** 0809188

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID: **R30200**		Analysis Date:	9/11/2008 10:45:01 AM	
Benzene	21.66	µg/L	1.0	108	88	116			
Toluene	19.73	µg/L	1.0	98.6	82.9	112			
Chlorobenzene	19.16	µg/L	1.0	95.8	71.4	133			
1,1-Dichloroethene	25.23	µg/L	1.0	126	97.9	140			
Trichloroethene (TCE)	19.18	µg/L	1.0	95.9	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R30246**		Analysis Date:	9/16/2008 10:49:16 AM	
Benzene	20.57	µg/L	1.0	103	88	116			
Toluene	20.91	µg/L	1.0	105	82.9	112			
Chlorobenzene	19.91	µg/L	1.0	99.5	71.4	133			
1,1-Dichloroethene	22.94	µg/L	1.0	115	97.9	140			
Trichloroethene (TCE)	20.13	µg/L	1.0	101	90.5	112			
Sample ID: 100ng lcsd		*LCSD*			Batch ID: **R30200**		Analysis Date:	9/11/2008 9:09:08 PM	
Benzene	19.82	µg/L	1.0	99.1	88	116	8.84	11	
Toluene	19.19	µg/L	1.0	95.9	82.9	112	2.76	12.2	
Chlorobenzene	19.25	µg/L	1.0	96.3	71.4	133	0.456	12	
1,1-Dichloroethene	23.11	µg/L	1.0	116	97.9	140	8.78	19.3	
Trichloroethene (TCE)	18.69	µg/L	1.0	93.5	90.5	112	2.59	15.5	
Sample ID: 100ng lcsd		*LCSD*			Batch ID: **R30246**		Analysis Date:	9/16/2008 11:11:52 PM	
Benzene	20.44	µg/L	1.0	102	88	116	0.628	11	
Toluene	20.05	µg/L	1.0	100	82.9	112	4.21	12.2	
Chlorobenzene	20.41	µg/L	1.0	102	71.4	133	2.52	12	
1,1-Dichloroethene	22.05	µg/L	1.0	110	97.9	140	3.95	19.3	
Trichloroethene (TCE)	20.62	µg/L	1.0	103	90.5	112	2.42	15.5	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 9/10/2008

Work Order Number 0809188 Received by: AT

Checklist completed by: _____ 9/10/08 Sample ID labels checked by: AT

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 3° *<6° C Acceptable*
If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

Corrective Action _____

_____

_____

Chain-of-Custody Record

Client: Western Refining
Company - Gallup
Address: I-40 Exit 39
Jamestown, NM 87347
Phone #: 505-722-3833
email or Fax#: 505-722-0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time: Pg 1 of 2
☐ Standard ☐ Rush

Project Name: Quarterly OCD Samples 3rd Qtr. 2008
Project #:

Project Manager: Gaurav Rajen

Sampler: Steve Morris
On Ice: ☒ Yes ☐ No
Sample Temperature:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0809188	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem	WQCC Total Metals	BOD - COD		Air Bubbles (Y or N)
9-9-08	1200	Evap. Pond #1			-1										X		X	X	X		
"	1230	Evap. Pond #2			-2										X		X	X	X		
"	1300	Evap. Pond #3			-3										X		X	X	X		
"	1330	Evap. Pond #4			-4										X		X	X	X		
"	1400	Evap. Pond #5			-5										X		X	X	X		
"	1430	Evap. Pond #6			-6										X		X	X	X		
"	1500	Evap. Pond #7			-7										X		X	X	X		
"	1530	Evap. Pond #8			-8										X		X	X	X		
		Trip Blank			-9																

Date	Time	Relinquished by	Received by	Date	Time
9-10-08	1045	Steve Morris		9/10/08	1045

Remarks: Gen Chem = cations, anions, pH, and conductivity.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

E-Coll Ponds 1-8

COVER LETTER

Thursday, September 18, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Quarterly OCD samples 3rd

Order No.: 0809167

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 8 sample(s) on 9/10/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL.
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL.**
Project: **0809167**
Order: **08090265 HAL03** Receipt: **09-10-08**

William P. Biava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0809167-01A EVAP POND#1*** Collected: *09-10-08 7:30:00* By:
Matrix: ***AQUEOUS*** *SR6547*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-001A		EPA 1603						By: FAS		
EC08175	BT.2008.594.10		E. coli	58	CFU/100 ml	2	1		09-10-08	09-12-08

Sample: ***0809167-02 EVAP POND #2*** Collected: *09-10-08 7:45:00* By:
Matrix: ***AQUEOUS*** *SR6548*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-002A		EPA 1603						By: FAS		
EC08175	BT.2008.594.11		E. coli	300	CFU/100 ml	100	1		09-10-08	09-12-08

Sample: ***0809167-03A EVAP POND#3*** Collected: *09-10-08 7:55:00* By:
Matrix: ***AQUEOUS*** *SR6549*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-003A		EPA 1603						By: FAS		
EC08175	BT.2008.594.12		E. coli	310	CFU/100 ml	10	1		09-10-08	09-12-08

Report Date: 9/18/2008 1:19:37 PM

Assalgai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809167**
Order: **08090265 HAL03** Receipt: **09-10-08**

Sample: ***0809167-04A EVAP POND #4*** Collected: *09-10-08 8:05:00* By:
Matrix: ***AQUEOUS*** *SR6551*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-004A		EPA 1603						By: FAS		
EC08175	BT.2008.594.13		E. coli	54.5	CFU/100 ml	9	1		09-10-08	09-12-08

Sample: ***0809167-05A EVAP POND #5*** Collected: *09-10-08 8:15:00* By:
Matrix: ***AQUEOUS*** *SR6552*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-005A		EPA 1603						By: FAS		
EC08175	BT.2008.594.14		E. coli	54.5	CFU/100 ml	9	1		09-10-08	09-12-08

Sample: ***0809167-06A EVAP POND #6*** Collected: *09-10-08 8:25:00* By:
Matrix: ***AQUEOUS*** *SR6553*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-006A		EPA 1603						By: FAS		
EC08175	BT.2008.594.15		E. coli	90.9	CFU/100 ml	9	1		09-10-08	09-12-08

Sample: ***0809167-07A EVAP POND #7*** Collected: *09-10-08 8:35:00* By:
Matrix: ***AQUEOUS*** *SR6554*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-007A		EPA 1603						By: FAS		
EC08175	BT.2008.594.16		E. coli	27.9	CFU/100 ml	2	1		09-10-08	09-12-08

Sample: ***0809167-08A EVAP POND #8*** Collected: *09-10-08 8:45:00* By:
Matrix: ***AQUEOUS*** *SR6555*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090265-008A		EPA 1603						By: FAS		
EC08175	BT.2008.594.17		E. coli	102	CFU/100 ml	2	1		09-10-08	09-12-08

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**

Project: **0809167**

Order: **08090265 HAL03** Receipt: **09-10-08**

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 9/10/2008

Work Order Number 0809167 | Received by: AT

Checklist completed by: _____ 9/10/08 | Sample ID labels checked by: AT

Signature | Date | Initials

Matrix: | Carrier name: Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	

Container/Temp Blank temperature? *<6° C Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Turn-Around Time: Page 2 of 2

☐ Standard ☐ Rush

Client: Western Refining Company - Gallup

Address: I-40 Exit 39 Jamestown, NM 87347

Phone #: 505-722-3833

email or Fax#: 505-722-0210

Project Name: Quarterly OCD Hamplex 3Qtr. 2008

Project #:

Project Manager: Gaurav Rajen

Sampler: Steve Morris

On Ice: ☒ Yes ☐ No

Sample Temperature: 3

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

☐ Other

☐ EDD (Type)

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0809167	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	E. coli Count				Air Bubbles (Y or N)
9-10-08	0730	Evap. Pond #1			-1												X				
"	0745	Evap. Pond #2			-2												X				
"	0755	Evap. Pond #3			-3												X				
"	0805	Evap. Pond #4			-4												X				
"	0815	Evap. Pond #5			-5												X				
"	0825	Evap. Pond #6			-6												X				
"	0835	Evap. Pond #7			-7												X				
"	0845	Evap. Pond #8			-8												X				

Date:	Time:	Relinquished by:	Received by:	Remarks:
9-10-08	1045	Steve Morris	9/10/08 1045	
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, October 10, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0809521

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 9/25/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0809521	**Collection Date:**	9/23/2008 7:15:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	9/25/2008
Lab ID:	0809521-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	250		µg/L	1	9/30/2008
2-Chlorophenol	ND	250		µg/L	1	9/30/2008
2,4-Dichlorophenol	ND	500		µg/L	1	9/30/2008
2,4-Dimethylphenol	570	250		µg/L	1	9/30/2008
4,6-Dinitro-2-methylphenol	ND	500		µg/L	1	9/30/2008
2,4-Dinitrophenol	ND	500		µg/L	1	9/30/2008
2-Methylphenol	6300	1300		µg/L	5	9/30/2008
3+4-Methylphenol	11000	1300		µg/L	5	9/30/2008
2-Nitrophenol	ND	250		µg/L	1	9/30/2008
4-Nitrophenol	ND	250		µg/L	1	9/30/2008
Pentachlorophenol	ND	500		µg/L	1	9/30/2008
Phenol	18000	1300		µg/L	5	9/30/2008
2,4,5-Trichlorophenol	ND	250		µg/L	1	9/30/2008
2,4,6-Trichlorophenol	ND	250		µg/L	1	9/30/2008
Surr: 2,4,6-Tribromophenol	60.8	16.6-150		%REC	1	9/30/2008
Surr: 2-Fluorobiphenyl	86.1	19.6-134		%REC	1	9/30/2008
Surr: 2-Fluorophenol	39.1	9.54-113		%REC	1	9/30/2008
Surr: 4-Terphenyl-d14	44.2	22.7-145		%REC	1	9/30/2008
Surr: Nitrobenzene-d5	78.9	14.6-134		%REC	1	9/30/2008
Surr: Phenol-d5	17.2	10.7-80.3		%REC	1	9/30/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0809521	**Collection Date:**	9/23/2008 7:25:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	9/25/2008
Lab ID:	0809521-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/30/2008
2-Chlorophenol	ND	100		µg/L	1	9/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/30/2008
2,4-Dimethylphenol	380	100		µg/L	1	9/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/30/2008
2-Methylphenol	6900	1000		µg/L	10	9/30/2008
3+4-Methylphenol	13000	1000		µg/L	10	9/30/2008
2-Nitrophenol	ND	100		µg/L	1	9/30/2008
4-Nitrophenol	ND	100		µg/L	1	9/30/2008
Pentachlorophenol	ND	200		µg/L	1	9/30/2008
Phenol	22000	1000		µg/L	10	9/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/30/2008
Surr: 2,4,6-Tribromophenol	78.2	16.6-150		%REC	1	9/30/2008
Surr: 2-Fluorobiphenyl	103	19.6-134		%REC	1	9/30/2008
Surr: 2-Fluorophenol	59.8	9.54-113		%REC	1	9/30/2008
Surr: 4-Terphenyl-d14	66.3	22.7-145		%REC	1	9/30/2008
Surr: Nitrobenzene-d5	82.4	14.6-134		%REC	1	9/30/2008
Surr: Phenol-d5	3.70	10.7-80.3	S	%REC	1	9/30/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0809521	**Collection Date:**	9/23/2008 7:45:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	9/25/2008
Lab ID:	0809521-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/30/2008
2-Chlorophenol	ND	100		µg/L	1	9/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/30/2008
2,4-Dimethylphenol	260	100		µg/L	1	9/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/30/2008
2-Methylphenol	3700	1000		µg/L	10	9/30/2008
3+4-Methylphenol	6200	1000		µg/L	10	9/30/2008
2-Nitrophenol	ND	100		µg/L	1	9/30/2008
4-Nitrophenol	ND	100		µg/L	1	9/30/2008
Pentachlorophenol	ND	200		µg/L	1	9/30/2008
Phenol	2400	1000		µg/L	10	9/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/30/2008
Surr: 2,4,6-Tribromophenol	54.9	16.6-150		%REC	1	9/30/2008
Surr: 2-Fluorobiphenyl	74.4	19.6-134		%REC	1	9/30/2008
Surr: 2-Fluorophenol	42.1	9.54-113		%REC	1	9/30/2008
Surr: 4-Terphenyl-d14	30.4	22.7-145		%REC	1	9/30/2008
Surr: Nitrobenzene-d5	47.1	14.6-134		%REC	1	9/30/2008
Surr: Phenol-d5	33.7	10.7-80.3		%REC	1	9/30/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809521**
Order: **08090676 HAL03** Receipt: **09-25-08**

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0809521-01B AL-1*** Collected: *09-23-08 7:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-001A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08038	WC.2008.2522.14	C-004	Chemical Oxygen Demand	4620	mg/L	10	10		10-09-08	10-10-08

Sample: ***0809521-01C AL-1*** Collected: *09-23-08 7:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-002A		**EPA 405.1 Biochemical Oxygen Demand**						By: SRM		
BOD08113	WC.2008.2474.10	10-26-4	Biochemical Oxygen Demand	> 2460	mg/L	1	2	H	09-26-08	10-01-08

Sample: ***0809521-02B AL-2-INLET*** Collected: *09-23-08 7:25:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-003A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08038	WC.2008.2522.15	C-004	Chemical Oxygen Demand	2820	mg/L	10	10		10-09-08	10-10-08

Report Date: 10/10/2008 4:33:28 PM

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809521**
Order: **08090676 HAL03** Receipt: **09-25-08**

Sample: ***0809521-02C AL-2-INLET*** Collected: *09-23-08 7:25:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: SRM		
BOD08113	WC.2008.2474.11	10-26-4	Biochemical Oxygen Demand	872	mg/L	1	2	H	09-26-08	10-01-08

Sample: ***0809521-03B EP-1 INLET*** Collected: *09-23-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-005A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08038	WC.2008.2522.16	C-004	Chemical Oxygen Demand	2310	mg/L	10	10		10-09-08	10-10-08

Sample: ***0809521-03C EP-1 INLET*** Collected: *09-23-08 7:45:00* By:
Matrix: ***AQUEOUS***

Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-006A		**EPA 405.1 Biochemical Oxygen Demand**						By: SRM		
BOD08113	WC.2008.2474.12	10-26-4	Biochemical Oxygen Demand	755	mg/L	1	2	H	09-26-08	10-01-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0809521

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17208		*MBLK*			Batch ID:	**17208**	Analysis Date:		9/30/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17208		*LCS*			Batch ID:	**17208**	Analysis Date:		9/30/2008
4-Chloro-3-methylphenol	148.1	µg/L	10	74.1	15.4	119			
2-Chlorophenol	132.3	µg/L	10	66.1	12.2	122			
4-Nitrophenol	91.98	µg/L	10	46.0	12.5	87.4			
Pentachlorophenol	122.2	µg/L	20	57.7	3.55	114			
Phenol	84.40	µg/L	10	42.2	7.53	73.1			
Sample ID: lcsd-17208		*LCSD*			Batch ID:	**17208**	Analysis Date:		9/30/2008
4-Chloro-3-methylphenol	125.2	µg/L	10	62.6	15.4	119	16.7	28.6	
2-Chlorophenol	107.5	µg/L	10	53.7	12.2	122	20.7	107	
4-Nitrophenol	74.80	µg/L	10	37.4	12.5	87.4	20.6	36.3	
Pentachlorophenol	108.8	µg/L	20	50.9	3.55	114	11.7	49	
Phenol	68.32	µg/L	10	34.2	7.53	73.1	21.1	52.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 9/25/2008

Work Order Number 0809521 | Received by: ARS

Checklist completed by: _____ Signature 9/25/08 Date | Sample ID labels checked by: _____ Initials

Matrix: | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
ter - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
vater - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	2°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - REFINING
Gallup Refinery
Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3227
email or Fax#: 505 722 3833

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: AL-1, AL-2, EP-1

Project #:

Project Manager: GAURAV RAJEN

Sampler: A. DORSEY

On Ice: ☑ Yes ☐ No

Sample Temperature: 9°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0809521	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 Phenol		Air Bubbles (Y or N)
09/23/08	0715	AL-1 Inlet	1-1000mL		-1												X				
09/23/08	0715	AL-1 Inlet	1-500mL	H_2SO_4	-1													X			
09/23/08	0715	AL-1 Inlet	1-Liter		-1														X		
09/23/08	0725	AL-2-Inlet	1-1000mL		-2												X				
09/23/08	0725	AL-2-Inlet	1-500mL	H_2SO_4	-2													X			
09/23/08	0725	AL-2-Inlet	1-Liter		-2														X		
09/23/08	0745	EP-1 Inlet	1-1000mL		-3												X				
09/23/08	0745	EP-1 Inlet	1-500mL	H_2SO_4	-3													X			
09/23/08	0745	EP-1 Inlet	1-Liter		-3														X		

Date:	Time:	Relinquished by:	Received by:
09/23/08			
Date:	Time:	Relinquished by:	Received by: 10:25 9/25/08

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, October 10, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0809521

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 9/25/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0809521	**Collection Date:**	9/23/2008 7:15:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	9/25/2008
Lab ID:	0809521-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	250		µg/L	1	9/30/2008
2-Chlorophenol	ND	250		µg/L	1	9/30/2008
2,4-Dichlorophenol	ND	500		µg/L	1	9/30/2008
2,4-Dimethylphenol	570	250		µg/L	1	9/30/2008
4,6-Dinitro-2-methylphenol	ND	500		µg/L	1	9/30/2008
2,4-Dinitrophenol	ND	500		µg/L	1	9/30/2008
2-Methylphenol	6300	1300		µg/L	5	9/30/2008
3+4-Methylphenol	11000	1300		µg/L	5	9/30/2008
2-Nitrophenol	ND	250		µg/L	1	9/30/2008
4-Nitrophenol	ND	250		µg/L	1	9/30/2008
Pentachlorophenol	ND	500		µg/L	1	9/30/2008
Phenol	18000	1300		µg/L	5	9/30/2008
2,4,5-Trichlorophenol	ND	250		µg/L	1	9/30/2008
2,4,6-Trichlorophenol	ND	250		µg/L	1	9/30/2008
Surr: 2,4,6-Tribromophenol	60.8	16.6-150		%REC	1	9/30/2008
Surr: 2-Fluorobiphenyl	86.1	19.6-134		%REC	1	9/30/2008
Surr: 2-Fluorophenol	39.1	9.54-113		%REC	1	9/30/2008
Surr: 4-Terphenyl-d14	44.2	22.7-145		%REC	1	9/30/2008
Surr: Nitrobenzene-d5	78.9	14.6-134		%REC	1	9/30/2008
Surr: Phenol-d5	17.2	10.7-80.3		%REC	1	9/30/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0809521	**Collection Date:**	9/23/2008 7:25:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	9/25/2008
Lab ID:	0809521-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/30/2008
2-Chlorophenol	ND	100		µg/L	1	9/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/30/2008
2,4-Dimethylphenol	380	100		µg/L	1	9/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/30/2008
2-Methylphenol	6900	1000		µg/L	10	9/30/2008
3+4-Methylphenol	13000	1000		µg/L	10	9/30/2008
2-Nitrophenol	ND	100		µg/L	1	9/30/2008
4-Nitrophenol	ND	100		µg/L	1	9/30/2008
Pentachlorophenol	ND	200		µg/L	1	9/30/2008
Phenol	22000	1000		µg/L	10	9/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/30/2008
Surr: 2,4,6-Tribromophenol	78.2	16.6-150		%REC	1	9/30/2008
Surr: 2-Fluorobiphenyl	103	19.6-134		%REC	1	9/30/2008
Surr: 2-Fluorophenol	59.8	9.54-113		%REC	1	9/30/2008
Surr: 4-Terphenyl-d14	66.3	22.7-145		%REC	1	9/30/2008
Surr: Nitrobenzene-d5	82.4	14.6-134		%REC	1	9/30/2008
Surr: Phenol-d5	3.70	10.7-80.3	S	%REC	1	9/30/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *10-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0809521	**Collection Date:**	9/23/2008 7:45:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	9/25/2008
Lab ID:	0809521-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	9/30/2008
2-Chlorophenol	ND	100		µg/L	1	9/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	9/30/2008
2,4-Dimethylphenol	260	100		µg/L	1	9/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	9/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	9/30/2008
2-Methylphenol	3700	1000		µg/L	10	9/30/2008
3+4-Methylphenol	6200	1000		µg/L	10	9/30/2008
2-Nitrophenol	ND	100		µg/L	1	9/30/2008
4-Nitrophenol	ND	100		µg/L	1	9/30/2008
Pentachlorophenol	ND	200		µg/L	1	9/30/2008
Phenol	2400	1000		µg/L	10	9/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	9/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	9/30/2008
Surr: 2,4,6-Tribromophenol	54.9	16.6-150		%REC	1	9/30/2008
Surr: 2-Fluorobiphenyl	74.4	19.6-134		%REC	1	9/30/2008
Surr: 2-Fluorophenol	42.1	9.54-113		%REC	1	9/30/2008
Surr: 4-Terphenyl-d14	30.4	22.7-145		%REC	1	9/30/2008
Surr: Nitrobenzene-d5	47.1	14.6-134		%REC	1	9/30/2008
Surr: Phenol-d5	33.7	10.7-80.3		%REC	1	9/30/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809521**
Order: **08090676 HAL03** Receipt: **09-25-08**

William P. Blava: President of Assalgal Analytical Laboratories, Inc.

Sample: ***0809521-01B AL-1*** Collected: *09-23-08 7:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-001A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08038	WC.2008.2522.14	C-004	Chemical Oxygen Demand	4620	mg/L	10	10		10-09-08	10-10-08

Sample: ***0809521-01C AL-1*** Collected: *09-23-08 7:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-002A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08113	WC.2008.2474.10	10-26-4	Biochemical Oxygen Demand	> 2460	mg/L	1	2	H	09-26-08	10-01-08

Sample: *0809521-02B AL-2-INLET* Collected: *09-23-08 7:25:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-003A		EPA 410.1 Chemical Oxygen Demand						By: FAS		
WCOD08038	WC.2008.2522.15	C-004	Chemical Oxygen Demand	2820	mg/L	10	10		10-09-08	10-10-08

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0809521**
Order: **08090676 HAL03** Receipt: **09-25-08**

Sample: ***0809521-02C AL-2-INLET*** Collected: *09-23-08 7:25:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: SRM		
BOD08113	WC.2008.2474.11	10-26-4	Biochemical Oxygen Demand	872	mg/L	1	2	H	09-26-08	10-01-08

Sample: ***0809521-03B EP-1 INLET*** Collected: *09-23-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-005A		**EPA 410.1 Chemical Oxygen Demand**						By: FAS		
WCOD08038	WC.2008.2522.16	C-004	Chemical Oxygen Demand	2310	mg/L	10	10		10-09-08	10-10-08

Sample: ***0809521-03C EP-1 INLET*** Collected: *09-23-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08090676-006A		**EPA 405.1 Biochemical Oxygen Demand**						By: SRM		
BOD08113	WC.2008.2474.12	10-26-4	Biochemical Oxygen Demand	755	mg/L	1	2	H	09-26-08	10-01-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0809521

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17208		*MBLK*			Batch ID:	17208	Analysis Date:		9/30/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17208		*LCS*			Batch ID:	17208	Analysis Date:		9/30/2008
4-Chloro-3-methylphenol	148.1	µg/L	10	74.1	15.4	119			
2-Chlorophenol	132.3	µg/L	10	66.1	12.2	122			
4-Nitrophenol	91.98	µg/L	10	46.0	12.5	87.4			
Pentachlorophenol	122.2	µg/L	20	57.7	3.55	114			
Phenol	84.40	µg/L	10	42.2	7.53	73.1			
Sample ID: lcsd-17208		*LCSD*			Batch ID:	17208	Analysis Date:		9/30/2008
4-Chloro-3-methylphenol	125.2	µg/L	10	62.6	15.4	119	16.7	28.6	
2-Chlorophenol	107.5	µg/L	10	53.7	12.2	122	20.7	107	
4-Nitrophenol	74.80	µg/L	10	37.4	12.5	87.4	20.6	36.3	
Pentachlorophenol	103.8	µg/L	20	50.9	3.55	114	11.7	49	
Phenol	68.32	µg/L	10	34.2	7.53	73.1	21.1	52.4	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 9/25/2008

Work Order Number 0809521 Received by: ARS

Checklist completed by: _____ 9/25/08 Sample ID labels checked by: _____
Signature Date Initials

Matrix: Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	2°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - REFINING
Gallup Refinery
Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3227
email or Fax#: 505 722 3833

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush

Project Name: AL-1, AL-2, EP-1

Project #:

Project Manager: GAURAV RAJEN

Sampler: A. DORSEY

On Ice: ☑ Yes ☐ No

Sample Temperature: 2

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0809521	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 Phenol		Air Bubbles (Y or N)
09/23/08	0715	AL-1 Inlet	1-1000mL		-1												X				
09/23/08	0715	AL-1 Inlet	1-500mL	H_2SO_4	-1													X			
09/23/08	0715	AL-1 Inlet	1-Liter		-1														X		
09/23/08	0725	AL-2-Inlet	1-1000mL		-2												X				
09/23/08	0725	AL-2-Inlet	1/500mL	H_2SO_4	-2													X			
09/23/08	0725	AL-2-Inlet	1-Liter		-2														X		
09/23/08	0745	EP-1 Inlet	1-1000mL		-3												X				
09/23/08	0745	EP-1 Inlet	1-500mL	H_2SO_4	-3													X			
09/23/08	0745	EP-1 Inlet	1-Liter		-3														X		

Date:	Time:	Relinquished by:	Received by:	Remarks:
09/23/08				
Date:	Time:	Relinquished by:	Received by: 10:25 9/25/08	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Napis 1-2

COVER LETTER

Friday, October 17, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: NAPIS

Order No.: 0810065

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 2 sample(s) on 10/3/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-1
Lab Order:	0810065	**Collection Date:**	9/30/2008 2:00:00 PM
Project:	NAPIS	**Date Received:**	10/3/2008
Lab ID:	0810065-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	10/7/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	10/7/2008
Surr: DNOP	105	58-140		%REC	1	10/7/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	10/13/2008 4:55:44 PM
Surr: BFB	85.4	59.9-122		%REC	1	10/13/2008 4:55:44 PM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	ND	1.0		µg/L	1	10/13/2008 4:55:44 PM
Toluene	ND	1.0		µg/L	1	10/13/2008 4:55:44 PM
Ethylbenzene	ND	1.0		µg/L	1	10/13/2008 4:55:44 PM
Xylenes, Total	ND	2.0		µg/L	1	10/13/2008 4:55:44 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/13/2008 4:55:44 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/13/2008 4:55:44 PM
Surr: 4-Bromofluorobenzene	96.5	65.9-130		%REC	1	10/13/2008 4:55:44 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *17-Oct-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-2
Lab Order:	0810065	**Collection Date:**	9/30/2008 2:25:00 PM
Project:	NAPIS	**Date Received:**	10/3/2008
Lab ID:	0810065-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	3.9	1.0		mg/L	1	10/7/2008
Motor Oil Range Organics (MRO)	7.7	5.0		mg/L	1	10/7/2008
Surr: DNOP	112	58-140		%REC	1	10/7/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	0.45	0.050		mg/L	1	10/13/2008 5:25:59 PM
Surr: BFB	120	59.9-122		%REC	1	10/13/2008 5:25:59 PM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Benzene	16	1.0		µg/L	1	10/13/2008 5:25:59 PM
Toluene	ND	1.0		µg/L	1	10/13/2008 5:25:59 PM
Ethylbenzene	1.6	1.0		µg/L	1	10/13/2008 5:25:59 PM
Xylenes, Total	4.1	2.0		µg/L	1	10/13/2008 5:25:59 PM
1,2,4-Trimethylbenzene	10	1.0		µg/L	1	10/13/2008 5:25:59 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/13/2008 5:25:59 PM
Surr: 4-Bromofluorobenzene	117	65.9-130		%REC	1	10/13/2008 5:25:59 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 14, 2008

Date Received : October 07, 2008
Description :

ESC Sample # : L368557-01

Sample ID : NAPIS-1

Site ID :

Project # : 0810065

Collected By :
Collection Date : 09/30/08 14:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	10/09/08	1
Arsenic	BDL	0.020	mg/l	6010B	10/10/08	1
Barium	0.17	0.0050	mg/l	6010B	10/10/08	1
Cadmium	BDL	0.0050	mg/l	6010B	10/10/08	1
Chromium	BDL	0.010	mg/l	6010B	10/10/08	1
Lead	BDL	0.0050	mg/l	6010B	10/10/08	1
Selenium	0.050	0.020	mg/l	6010B	10/14/08	1
Silver	BDL	0.010	mg/l	6010B	10/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/14/08 15:08 Printed: 10/14/08 15:09

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 14, 2008

Date Received : October 07, 2008
Description :

ESC Sample # : L368557-02

Site ID :

Sample ID : NAPIS-1

Project # : 0810065

Collected By :
Collection Date : 09/30/08 14:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
COD	26.	20.	mg/l	410.4	10/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/14/08 15:08 Printed: 10/14/08 15:09

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Andy Freeman
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

October 14, 2008

ESC Sample # : L368557-03

Site ID :

Project # : 0810065

Date Received : October 07, 2008
Description :

Sample ID : NAPIS-2

Collected By :
Collection Date : 09/30/08 14:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
COD	92.	20.	mg/l	410.4	10/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 10/14/08 15:08 Printed: 10/14/08 15:09

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: NAPIS **Work Order:** 0810065

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-17284		*MBLK*			Batch ID: **17284**		Analysis Date:		10/7/2008
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-17284		*LCS*			Batch ID: **17284**		Analysis Date:		10/7/2008
Diesel Range Organics (DRO)	6.168	mg/L	1.0	123	74	157			
Sample ID: LCSD-17284		*LCSD*			Batch ID: **17284**		Analysis Date:		10/7/2008
Diesel Range Organics (DRO)	6.371	mg/L	1.0	127	74	157	3.23	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: B		*MBLK*			Batch ID: **R30669**		Analysis Date:		10/13/2008 9:15:56 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: **R30669**		Analysis Date:		10/13/2008 7:57:41 PM
Gasoline Range Organics (GRO)	0.5322	mg/L	0.050	106	80	115			
Method: EPA Method 8021B: Volatiles									
Sample ID: B		*MBLK*			Batch ID: **R30669**		Analysis Date:		10/13/2008 9:15:56 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R30669**		Analysis Date:		10/13/2008 8:28:10 PM
Methyl tert-butyl ether (MTBE)	26.55	µg/L	2.5	133	51.2	138			
Benzene	20.06	µg/L	1.0	100	85.9	113			
Toluene	21.07	µg/L	1.0	105	86.4	113			
Ethylbenzene	20.74	µg/L	1.0	104	83.5	118			
Xylenes, Total	63.21	µg/L	2.0	105	83.4	122			
1,2,4-Trimethylbenzene	24.00	µg/L	1.0	120	83.5	115			S
1,3,5-Trimethylbenzene	22.42	µg/L	1.0	112	85.2	113			
Method: EPA Method 8260: Volatiles Short List									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30681**		Analysis Date:		10/14/2008 9:45:36 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R30681**		Analysis Date:		10/14/2008 9:45:36 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 10/3/2008

Work Order Number 0810065 Received by: ARS

Checklist completed by: _____ 10/3/08 Sample ID labels checked by: AT
Signature Date Initials

Matrix: Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	4°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - REFINING
Gallup Refinery
Address: RT 3 BOX 9
GALLUP NM 87301
Phone #: 505722 3227
email or Fax#: 5057223837
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☑ Standard ☐ Rush
Project Name: NAPIS
Project #: NAPIS NAPIS 2 NAPIS 3
Project Manager: GAURAV RAJEN
Sampler: A DORSEY
On Ice: ☑ Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0810065	BTEX + MTBE + TMB's (8021)B	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel) GRO DRO	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions (F,Cl,NO3,NO2,PO4,SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	COD	6010C RCRA METALS			Air Bubbles (Y or N)
9/30/08	2:00	NAPIS-1	1-500mL	H_2SO_4	-1												X				
9/30/08	2:00	NAPIS-1	1-500 ml	HNO_3	-1													X			
9/30/08	2:00	NAPIS-1	3-40 mL	HCl	-1-2	X															
9/30/08	2:00	NAPIS-1	3-40 mL	HCL	-1-2			X													
9/30/08	2:25	NAPIS-2	1-500 ml	H_2SO_4	-2-3												X				
9/30/08	2:25	NAPIS-2	3-40 ml	HCl	-2-3	X															
9/30/08	2:25	NAPIS-2	3-40 ml	HCL	-2-3			X													
					AT 10 BW																

Date:	Time:	Relinquished by:	Received by:	Remarks:
9/30/08			9:10 10/3/08	
Date:	Time:	Relinquished by:	Received by:	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, November 06, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0810318

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 10/16/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Nov-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0810318	**Collection Date:**	10/14/2008 2:00:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	10/16/2008
Lab ID:	0810318-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	500		µg/L	1	10/24/2008
2-Chlorophenol	ND	500		µg/L	1	10/24/2008
2,4-Dichlorophenol	ND	1000		µg/L	1	10/24/2008
2,4-Dimethylphenol	ND	500		µg/L	1	10/24/2008
4,6-Dinitro-2-methylphenol	ND	1000		µg/L	1	10/24/2008
2,4-Dinitrophenol	ND	1000		µg/L	1	10/24/2008
2-Methylphenol	ND	500		µg/L	1	10/24/2008
3+4-Methylphenol	840	500		µg/L	1	10/24/2008
2-Nitrophenol	ND	500		µg/L	1	10/24/2008
4-Nitrophenol	ND	500		µg/L	1	10/24/2008
Pentachlorophenol	ND	1000		µg/L	1	10/24/2008
Phenol	1200	500		µg/L	1	10/24/2008
2,4,5-Trichlorophenol	ND	500		µg/L	1	10/24/2008
2,4,6-Trichlorophenol	ND	500		µg/L	1	10/24/2008
Surr: 2,4,6-Tribromophenol	46.7	16.6-150		%REC	1	10/24/2008
Surr: 2-Fluorobiphenyl	83.5	19.6-134		%REC	1	10/24/2008
Surr: 2-Fluorophenol	44.4	9.54-113		%REC	1	10/24/2008
Surr: 4-Terphenyl-d14	58.7	22.7-145		%REC	1	10/24/2008
Surr: Nitrobenzene-d5	72.8	14.6-134		%REC	1	10/24/2008
Surr: Phenol-d5	44.6	10.7-80.3		%REC	1	10/24/2008

Qualifiers:			
*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Nov-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0810318	**Collection Date:**	10/14/2008 2:20:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	10/16/2008
Lab ID:	0810318-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	10/24/2008
2-Chlorophenol	ND	100		µg/L	1	10/24/2008
2,4-Dichlorophenol	ND	200		µg/L	1	10/24/2008
2,4-Dimethylphenol	130	100		µg/L	1	10/24/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	10/24/2008
2,4-Dinitrophenol	ND	200		µg/L	1	10/24/2008
2-Methylphenol	2400	500		µg/L	5	10/24/2008
3+4-Methylphenol	4400	500		µg/L	5	10/24/2008
2-Nitrophenol	ND	100		µg/L	1	10/24/2008
4-Nitrophenol	ND	100		µg/L	1	10/24/2008
Pentachlorophenol	ND	200		µg/L	1	10/24/2008
Phenol	12000	500		µg/L	5	10/24/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	10/24/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	10/24/2008
Surr: 2,4,6-Tribromophenol	87.3	16.6-150		%REC	1	10/24/2008
Surr: 2-Fluorobiphenyl	82.1	19.6-134		%REC	1	10/24/2008
Surr: 2-Fluorophenol	57.9	9.54-113		%REC	1	10/24/2008
Surr: 4-Terphenyl-d14	61.0	22.7-145		%REC	1	10/24/2008
Surr: Nitrobenzene-d5	86.5	14.6-134		%REC	1	10/24/2008
Surr: Phenol-d5	34.2	10.7-80.3		%REC	1	10/24/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Nov-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0810318	**Collection Date:**	10/14/2008 2:50:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	10/16/2008
Lab ID:	0810318-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	10/24/2008
2-Chlorophenol	ND	100		µg/L	1	10/24/2008
2,4-Dichlorophenol	ND	200		µg/L	1	10/24/2008
2,4-Dimethylphenol	150	100		µg/L	1	10/24/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	10/24/2008
2,4-Dinitrophenol	ND	200		µg/L	1	10/24/2008
2-Methylphenol	3200	500		µg/L	5	10/24/2008
3+4-Methylphenol	6000	500		µg/L	5	10/24/2008
2-Nitrophenol	ND	100		µg/L	1	10/24/2008
4-Nitrophenol	ND	100		µg/L	1	10/24/2008
Pentachlorophenol	ND	200		µg/L	1	10/24/2008
Phenol	17000	1000		µg/L	10	10/27/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	10/24/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	10/24/2008
Surr: 2,4,6-Tribromophenol	104	16.6-150		%REC	1	10/24/2008
Surr: 2-Fluorobiphenyl	77.1	19.6-134		%REC	1	10/24/2008
Surr: 2-Fluorophenol	55.1	9.54-113		%REC	1	10/24/2008
Surr: 4-Terphenyl-d14	66.2	22.7-145		%REC	1	10/24/2008
Surr: Nitrobenzene-d5	73.0	14.6-134		%REC	1	10/24/2008
Surr: Phenol-d5	53.6	10.7-80.3		%REC	1	10/24/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

ASSAIGAI ANALYTICAL LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result Is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0810318
Order: 08100401 HAL03 Receipt: 10-16-08

Tamara Pacheco for
William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0810318-01B AL-1 INLET* Collected: *10-14-08 14:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-001A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08041	WC.2008.2729.12	C-004	Chemical Oxygen Demand	3080	mg/L	10	10		10-29-08	10-30-08

Sample: *0810318-01C AL-1 INLET* Collected: *10-14-08 14:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-002A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08121	WC.2008.2659.19	10-20-4	Biochemical Oxygen Demand	1665	mg/L	1	2	1	10-16-08	10-21-08

Sample: *0810318-02B AL-2 INLET* Collected: *10-14-08 14:20:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-003A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08041	WC.2008.2729.13	C-004	Chemical Oxygen Demand	4620	mg/L	10	10		10-29-08	10-30-08

Report Date: 10/31/2008 12:35:25 PM

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Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL

Project: 0810318

Order: 08100401 HAL03 Receipt: 10-16-08

Sample: *0810318-02C AL-2 INLET* Collected: *10-14-08 14:20:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-004A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08121	WC.2008.2659.21	10-26-4	Biochemical Oxygen Demand	1032	mg/L	1	2	1	10-16-08	10-21-08

Sample: *0810318-03B EP-1 INLET* Collected: *10-14-08 14:50:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-005A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08041	WC.2008.2729.14	C-004	Chemical Oxygen Demand	2420	mg/L	10	10		10-29-08	10-30-08

Sample: *0810318-03C EP-1 INLET* Collected: *10-14-08 14:50:00* By:

Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-006A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08121	WC.2008.2659.22	10-26-4	Biochemical Oxygen Demand	2058	mg/L	1	2	1	10-16-08	10-21-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

1 LCS out of QA/QC criteria due to seasonal interference all other QC results were within range, validating the system performance. All results are valid as reported.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0810318

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17392		*MBLK*			Batch ID:	**17392**	Analysis Date:		10/23/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17392		*LCS*			Batch ID:	**17392**	Analysis Date:		10/23/2008
4-Chloro-3-methylphenol	159.4	µg/L	10	79.7	15.4	119			
2-Chlorophenol	114.2	µg/L	10	57.1	12.2	122			
4-Nitrophenol	28.70	µg/L	10	14.4	12.5	87.4			
Pentachlorophenol	37.24	µg/L	20	18.6	3.55	114			
Phenol	101.8	µg/L	10	50.9	7.53	73.1			
Sample ID: lcsd-17392		*LCSD*			Batch ID:	**17392**	Analysis Date:		10/23/2008
4-Chloro-3-methylphenol	166.3	µg/L	10	83.2	15.4	119	4.24	28.6	
2-Chlorophenol	120.7	µg/L	10	60.4	12.2	122	5.50	107	
4-Nitrophenol	28.18	µg/L	10	14.1	12.5	87.4	1.83	36.3	
Pentachlorophenol	37.00	µg/L	20	18.5	3.55	114	0.647	49	
Phenol	109.5	µg/L	10	54.7	7.53	73.1	7.29	52.4	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 10/16/2008

Work Order Number 0810318 | Received by: ARS

Checklist completed by: _____ 10/16/08 | Sample ID labels checked by: _____

Signature | Date | Initials

Matrix: | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	5°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - REFINING
Gallup Refinery
Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☐ Standard ☐ Rush _____

Project Name:
AL-1, AL-2, EP-1

Project #:

Project Manager:
GAURAV, RAJEN

Sampler: A. Dorsey /RAJ

On Ice: ☐ Yes ☐ No

Sample Temperature: 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0810318
10-14-08	1400	AL-1 Inlet	1-1000 mL		1
10-14-08	1400	AL-1 Inlet	1-500 mL	H_2SO_4	1
10-14-08	1400	AL-1 Inlet	1-liter		1
10-14-08	1420	AL-2 Inlet	1-1000 mL		2
10-14-08	1420	AL-2 Inlet	1-500 mL	H_2SO_4	2
10-14-08	1420	AL-2 Inlet	1-liter		2
10-14-08	1450	EP-1 Inlet	1-1000 mL		3
10-14-08	1450	EP-1 Inlet	1-500 mL	H_2SO_4	3
10-14-08	1450	EP-1 Inlet	1-liter		3

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
											X				
												X			
													X		
											X				
												X			
													X		
											X				
												X			
													X		

Date:	Time:	Relinquished by:	Received by:
10-14-08			9:25 10/16/08
Date:	Time:	Relinquished by:	Received by:

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Thursday, November 06, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0810318

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 10/16/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Nov-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0810318	**Collection Date:**	10/14/2008 2:00:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	10/16/2008
Lab ID:	0810318-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	500		µg/L	1	10/24/2008
2-Chlorophenol	ND	500		µg/L	1	10/24/2008
2,4-Dichlorophenol	ND	1000		µg/L	1	10/24/2008
2,4-Dimethylphenol	ND	500		µg/L	1	10/24/2008
4,6-Dinitro-2-methylphenol	ND	1000		µg/L	1	10/24/2008
2,4-Dinitrophenol	ND	1000		µg/L	1	10/24/2008
2-Methylphenol	ND	500		µg/L	1	10/24/2008
3+4-Methylphenol	840	500		µg/L	1	10/24/2008
2-Nitrophenol	ND	500		µg/L	1	10/24/2008
4-Nitrophenol	ND	500		µg/L	1	10/24/2008
Pentachlorophenol	ND	1000		µg/L	1	10/24/2008
Phenol	1200	500		µg/L	1	10/24/2008
2,4,5-Trichlorophenol	ND	500		µg/L	1	10/24/2008
2,4,6-Trichlorophenol	ND	500		µg/L	1	10/24/2008
Surr: 2,4,6-Tribromophenol	46.7	16.6-150		%REC	1	10/24/2008
Surr: 2-Fluorobiphenyl	83.5	19.6-134		%REC	1	10/24/2008
Surr: 2-Fluorophenol	44.4	9.54-113		%REC	1	10/24/2008
Surr: 4-Terphenyl-d14	58.7	22.7-145		%REC	1	10/24/2008
Surr: Nitrobenzene-d5	72.8	14.6-134		%REC	1	10/24/2008
Surr: Phenol-d5	44.6	10.7-80.3		%REC	1	10/24/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Nov-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0810318	**Collection Date:**	10/14/2008 2:20:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	10/16/2008
Lab ID:	0810318-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	10/24/2008
2-Chlorophenol	ND	100		µg/L	1	10/24/2008
2,4-Dichlorophenol	ND	200		µg/L	1	10/24/2008
2,4-Dimethylphenol	130	100		µg/L	1	10/24/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	10/24/2008
2,4-Dinitrophenol	ND	200		µg/L	1	10/24/2008
2-Methylphenol	2400	500		µg/L	5	10/24/2008
3+4-Methylphenol	4400	500		µg/L	5	10/24/2008
2-Nitrophenol	ND	100		µg/L	1	10/24/2008
4-Nitrophenol	ND	100		µg/L	1	10/24/2008
Pentachlorophenol	ND	200		µg/L	1	10/24/2008
Phenol	12000	500		µg/L	5	10/24/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	10/24/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	10/24/2008
Surr: 2,4,6-Tribromophenol	87.3	16.6-150		%REC	1	10/24/2008
Surr: 2-Fluorobiphenyl	82.1	19.6-134		%REC	1	10/24/2008
Surr: 2-Fluorophenol	57.9	9.54-113		%REC	1	10/24/2008
Surr: 4-Terphenyl-d14	61.0	22.7-145		%REC	1	10/24/2008
Surr: Nitrobenzene-d5	86.5	14.6-134		%REC	1	10/24/2008
Surr: Phenol-d5	34.2	10.7-80.3		%REC	1	10/24/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *06-Nov-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0810318	**Collection Date:**	10/14/2008 2:50:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	10/16/2008
Lab ID:	0810318-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	10/24/2008
2-Chlorophenol	ND	100		µg/L	1	10/24/2008
2,4-Dichlorophenol	ND	200		µg/L	1	10/24/2008
2,4-Dimethylphenol	150	100		µg/L	1	10/24/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	10/24/2008
2,4-Dinitrophenol	ND	200		µg/L	1	10/24/2008
2-Methylphenol	3200	500		µg/L	5	10/24/2008
3+4-Methylphenol	6000	500		µg/L	5	10/24/2008
2-Nitrophenol	ND	100		µg/L	1	10/24/2008
4-Nitrophenol	ND	100		µg/L	1	10/24/2008
Pentachlorophenol	ND	200		µg/L	1	10/24/2008
Phenol	17000	1000		µg/L	10	10/27/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	10/24/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	10/24/2008
Surr: 2,4,6-Tribromophenol	104	16.6-150		%REC	1	10/24/2008
Surr: 2-Fluorobiphenyl	77.1	19.6-134		%REC	1	10/24/2008
Surr: 2-Fluorophenol	55.1	9.54-113		%REC	1	10/24/2008
Surr: 4-Terphenyl-d14	66.2	22.7-145		%REC	1	10/24/2008
Surr: Nitrobenzene-d5	73.0	14.6-134		%REC	1	10/24/2008
Surr: Phenol-d5	53.6	10.7-80.3		%REC	1	10/24/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result Is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0810318
Order: 08100401 HAL03 Receipt: 10-16-08

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0810318-01B AL-1 INLET* Collected: *10-14-08 14:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-001A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08041	WC.2008.2729.12	C-004	Chemical Oxygen Demand	3080	mg/L	10	10		10-29-08	10-30-08

Sample: *0810318-01C AL-1 INLET* Collected: *10-14-08 14:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-002A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08121	WC.2008.2659.19	10-26-4	Biochemical Oxygen Demand	1665	mg/L	1	2	1	10-16-08	10-21-08

Sample: *0810318-02B AL-2 INLET* Collected: *10-14-08 14:20:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-003A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08041	WC.2008.2729.13	C-004	Chemical Oxygen Demand	4620	mg/L	10	10		10-29-08	10-30-08

Report Date: *10/31/2008 12:35:25 PM*

REPRODUCTION OF THIS REPORT IN LESS THAN FULL REQUIRES THE WRITTEN CONSENT OF AAL.
THIS REPORT MAY NOT BE USED IN ANY MANNER BY THE CLIENT OR ANY OTHER THIRD PARTY TO CLAIM
PRODUCT ENDORSEMENT BY THE NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM.

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

[redacted]: **HALL ENVIRONMENTAL**
Project: **0810318**
Order: **08100401 HAL03** Receipt: **10-16-08**

Sample: ***0810318-02C AL-2 INLET*** Collected: *10-14-08 14:20:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-004A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08121	WC.2008.2659.21	10-26-4	Biochemical Oxygen Demand	1032	mg/L	1	2	1	10-16-08	10-21-08

Sample: ***0810318-03B EP-1 INLET*** Collected: *10-14-08 14:50:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100401-005A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08041	WC.2008.2729.14	C-004	Chemical Oxygen Demand	2420	mg/L	10	10		10-29-08	10-30-08

Sample: ***0810318-03C EP-1 INLET*** Collected: *10-14-08 14:50:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
[redacted]0401-006A		EPA 405.1 Biochemical Oxygen Demand						By: SRM		
BOD08121	WC.2008.2659.22	10-26-4	Biochemical Oxygen Demand	2058	mg/L	1	2	1	10-16-08	10-21-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

1 LCS out of QA/QC criteria due to seasonal interference all other QC results were within range, validating the system performance. All results are valid as reported.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0810318

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17392		*MBLK*			Batch ID:	**17392**	Analysis Date:		10/23/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17392		*LCS*			Batch ID:	**17392**	Analysis Date:		10/23/2008
4-Chloro-3-methylphenol	159.4	µg/L	10	79.7	15.4	119			
2-Chlorophenol	114.2	µg/L	10	57.1	12.2	122			
4-Nitrophenol	28.70	µg/L	10	14.4	12.5	87.4			
Pentachlorophenol	37.24	µg/L	20	18.6	3.55	114			
Phenol	101.8	µg/L	10	50.9	7.53	73.1			
Sample ID: lcsd-17392		*LCSD*			Batch ID:	**17392**	Analysis Date:		10/23/2008
4-Chloro-3-methylphenol	166.3	µg/L	10	83.2	15.4	119	4.24	28.6	
2-Chlorophenol	120.7	µg/L	10	60.4	12.2	122	5.50	107	
4-Nitrophenol	28.18	µg/L	10	14.1	12.5	87.4	1.83	36.3	
Pentachlorophenol	37.00	µg/L	20	18.5	3.55	114	0.647	49	
Phenol	109.5	µg/L	10	54.7	7.53	73.1	7.29	52.4	

Qualifiers:

	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 10/16/2008

Work Order Number 0810318 Received by: ARS

Checklist completed by: _____ 10/16/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 5° <6° C *Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - REFINING
Gallup Refinery
Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: AL-1, AL-2, EP-1
Project #:

Project Manager: GAURAV, RAJEN

Sampler: A. Dorsey / RAJ
On Ice: ☐ Yes ☐ No
Sample Temperature: 5°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0810318	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	EDC (Method 8260)	8310 (PNA or PAH)	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
10-14-08	1400	AL-1 INLET	1-1000 mL		1												X				
10-14-08	1400	AL-1 Inlet	1-500 mL	H_2SO_4	1													X			
10-14-08	1400	AL-1 Inlet	1-liter		1														X		
10-14-08	1420	AL-2 Inlet	1-1000mL		2												X				
10-14-08	1420	AL-2 Inlet	1-500mL	H_2SO_4	2													X			
10-14-08	1420	AL-2 Inlet	1-liter		2														X		
10-14-08	1450	EP-1 Inlet	1-1000mL		3												X				
10-14-08	1450	EP-1 Inlet	1-500mL	H_2SO_4	3													X			
10-14-08	1450	EP-1 Inlet	1-liter		3														X		

Date:	Time:	Relinquished by:	Received by:
10-14-08			9:25 10/16/08
Date:	Time:	Relinquished by:	Received by:

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

NAPIS

COVER LETTER

Friday, December 05, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 4th QTR OCD Samples

Order No.: 0811156

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 11/12/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
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Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-1
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:45:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	11/14/2008
Surr: DNOP	134	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	11/15/2008 6:40:06 AM
Surr: BFB	82.4	59.9-122		%REC	1	11/15/2008 6:40:06 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	11/15/2008 6:40:06 AM
Benzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 6:40:06 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Surr: 4-Bromofluorobenzene	99.5	65.9-130		%REC	1	11/15/2008 6:40:06 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 4:52:08 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 4:52:08 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 4:52:08 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 4:52:08 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 4:52:08 PM
Fluorene	ND	0.80		µg/L	1	11/18/2008 4:52:08 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 4:52:08 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 4:52:08 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 4:52:08 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 4:52:08 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 4:52:08 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 4:52:08 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 4:52:08 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 4:52:08 PM
Surr: Benzo(e)pyrene	70.6	44.8-104		%REC	1	11/18/2008 4:52:08 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.73	0.10		mg/L	1	11/12/2008 2:57:05 PM
Chloride	160	1.0		mg/L	10	11/12/2008 4:02:56 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-1
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:45:00 PM
Project:	*2008 4th QTR OCD Samples*	**Date Received:**	11/12/2008
Lab ID:	0811156-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	11/12/2008 2:57:05 PM
Nitrogen, Nitrate (As N)	1.6	0.10		mg/L	1	11/12/2008 2:57:05 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:57:05 PM
Sulfate	63	5.0		mg/L	10	11/12/2008 4:02:56 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:41:42 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:11:33 PM
Barium	0.13	0.020		mg/L	1	12/1/2008 10:11:33 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:11:33 PM
Calcium	78	1.0		mg/L	1	12/1/2008 10:11:33 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:11:33 PM
Lead	ND	0.0050		mg/L	1	12/1/2008 10:11:33 PM
Magnesium	14	1.0		mg/L	1	12/1/2008 10:11:33 PM
Potassium	1.2	1.0		mg/L	1	12/1/2008 10:11:33 PM
Selenium	ND	0.25		mg/L	5	12/1/2008 11:36:01 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:11:33 PM
Sodium	390	5.0		mg/L	5	12/1/2008 11:36:01 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	1900	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.30	0.1		pH units	1	11/13/2008

Qualifiers:	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank	
	E	Estimated value	H	Holding times for preparation or analysis exceeded	
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level	
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit	
	S	Spike recovery outside accepted recovery limits			

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-2
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:40:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	4.0	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	7.7	5.0		mg/L	1	11/14/2008
Surr: DNOP	136	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	0.59	0.050		mg/L	1	11/15/2008 7:10:20 AM
Surr: BFB	97.1	59.9-122		%REC	1	11/15/2008 7:10:20 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	180	13		µg/L	5	11/20/2008 12:19:19 PM
Benzene	25	1.0		µg/L	1	11/15/2008 7:10:20 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 7:10:20 AM
Ethylbenzene	11	1.0		µg/L	1	11/15/2008 7:10:20 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 7:10:20 AM
1,2,4-Trimethylbenzene	11	1.0		µg/L	1	11/15/2008 7:10:20 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 7:10:20 AM
Surr: 4-Bromofluorobenzene	111	65.9-130		%REC	1	11/15/2008 7:10:20 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 5:23:34 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:23:34 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:23:34 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 5:23:34 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 5:23:34 PM
Fluorene	0.99	0.80		µg/L	1	11/18/2008 5:23:34 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 5:23:34 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 5:23:34 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 5:23:34 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 5:23:34 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 5:23:34 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 5:23:34 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 5:23:34 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 5:23:34 PM
Surr: Benzo(e)pyrene	41.3	44.8-104	S	%REC	1	11/18/2008 5:23:34 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.4	0.10		mg/L	1	11/12/2008 2:39:40 PM
Chloride	200	1.0		mg/L	10	11/12/2008 3:45:32 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-2
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:40:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	11/12/2008 2:39:40 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	11/12/2008 2:39:40 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:39:40 PM
Sulfate	32	5.0		mg/L	10	11/12/2008 3:45:32 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:43:27 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:15:43 PM
Barium	0.42	0.020		mg/L	1	12/1/2008 10:15:43 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:15:43 PM
Calcium	50	1.0		mg/L	1	12/1/2008 10:15:43 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:15:43 PM
Lead	0.0065	0.0050		mg/L	1	12/1/2008 10:15:43 PM
Magnesium	9.7	1.0		mg/L	1	12/1/2008 10:15:43 PM
Potassium	ND	1.0		mg/L	1	12/1/2008 10:15:43 PM
Selenium	ND	0.050		mg/L	1	12/1/2008 10:15:43 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:15:43 PM
Sodium	330	5.0		mg/L	5	12/1/2008 11:39:05 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	1600	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.21	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:20:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	5.1	5.0		mg/L	1	11/14/2008
Surr: DNOP	132	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	11/15/2008 8:10:53 AM
Surr: BFB	80.1	59.9-122		%REC	1	11/15/2008 8:10:53 AM
EPA METHOD 8021B: VOLATILES						Analyst: DAM
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	11/15/2008 8:10:53 AM
Benzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 8:10:53 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Surr: 4-Bromofluorobenzene	96.1	65.9-130		%REC	1	11/15/2008 8:10:53 AM
EPA METHOD 8310: PAHS						Analyst: DMF
Naphthalene	ND	2.0		µg/L	1	11/18/2008 5:54:52 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:54:52 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:54:52 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 5:54:52 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 5:54:52 PM
Fluorene	ND	0.80		µg/L	1	11/18/2008 5:54:52 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 5:54:52 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 5:54:52 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 5:54:52 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 5:54:52 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 5:54:52 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 5:54:52 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 5:54:52 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 5:54:52 PM
Surr: Benzo(e)pyrene	69.6	44.8-104		%REC	1	11/18/2008 5:54:52 PM
EPA METHOD 300.0: ANIONS						Analyst: SLB
Fluoride	1.1	0.10		mg/L	1	11/12/2008 2:22:15 PM
Chloride	1100	5.0		mg/L	50	12/3/2008 4:43:36 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:20:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	11/12/2008 3:10:42 PM
Nitrogen, Nitrate (As N)	2.6	0.10		mg/L	1	11/12/2008 2:22:15 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:22:15 PM
Sulfate	310	5.0		mg/L	10	11/12/2008 3:10:42 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:45:13 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:19:36 PM
Barium	0.13	0.020		mg/L	1	12/1/2008 10:19:36 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:19:36 PM
Calcium	41	1.0		mg/L	1	12/1/2008 10:19:36 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:19:36 PM
Lead	ND	0.0050		mg/L	1	12/1/2008 10:19:36 PM
Magnesium	6.6	1.0		mg/L	1	12/1/2008 10:19:36 PM
Potassium	4.4	1.0		mg/L	1	12/1/2008 10:19:36 PM
Selenium	ND	0.50		mg/L	10	12/1/2008 11:43:53 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:19:36 PM
Sodium	960	10		mg/L	10	12/1/2008 11:43:53 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	4300	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.05	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:30:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	5.2	5.0		mg/L	1	11/14/2008
Surr: DNOP	132	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	0.15	0.050		mg/L	1	11/15/2008 8:41:19 AM
Surr: BFB	86.7	59.9-122		%REC	1	11/15/2008 8:41:19 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	130	13		µg/L	5	11/20/2008 12:52:22 PM
Benzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 8:41:19 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Surr: 4-Bromofluorobenzene	101	65.9-130		%REC	1	11/15/2008 8:41:19 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 6:26:09 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 6:26:09 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 6:26:09 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 6:26:09 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 6:26:09 PM
Fluorene	ND	0.80		µg/L	1	11/18/2008 6:26:09 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 6:26:09 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 6:26:09 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 6:26:09 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 6:26:09 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 6:26:09 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 6:26:09 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 6:26:09 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 6:26:09 PM
Surr: Benzo(e)pyrene	74.9	44.8-104		%REC	1	11/18/2008 6:26:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.46	0.10		mg/L	1	11/12/2008 2:04:51 PM
Chloride	590	1.0		mg/L	10	11/12/2008 3:28:07 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:30:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	2.0	1.0		mg/L	10	11/12/2008 3:28:07 PM
Nitrogen, Nitrate (As N)	11	0.10		mg/L	1	11/12/2008 2:04:51 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:04:51 PM
Sulfate	140	5.0		mg/L	10	11/12/2008 3:28:07 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:46:59 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:23:53 PM
Barium	0.20	0.020		mg/L	1	12/1/2008 10:23:53 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:23:53 PM
Calcium	65	1.0		mg/L	1	12/1/2008 10:23:53 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:23:53 PM
Lead	0.0095	0.0050		mg/L	1	12/1/2008 10:23:53 PM
Magnesium	11	1.0		mg/L	1	12/1/2008 10:23:53 PM
Potassium	1.8	1.0		mg/L	1	12/1/2008 10:23:53 PM
Selenium	ND	0.50		mg/L	10	12/1/2008 11:46:58 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:23:53 PM
Sodium	570	10		mg/L	10	12/1/2008 11:46:58 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	2700	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.34	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0811156	**Collection Date:**	
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	11/15/2008 9:11:36 AM
Surr: BFB	79.4	59.9-122		%REC	1	11/15/2008 9:11:36 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	11/15/2008 9:11:36 AM
Benzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 9:11:36 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Surr: 4-Bromofluorobenzene	93.8	65.9-130		%REC	1	11/15/2008 9:11:36 AM

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R31145**		Analysis Date: 11/12/2008 10:35:56 AM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R31149**		Analysis Date: 11/12/2008 10:14:42 AM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R31460**		Analysis Date: 12/3/2008 12:57:17 PM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R31145**		Analysis Date: 11/12/2008 10:53:21 AM		
Fluoride	0.5047	mg/L	0.10	101	90	110			
Chloride	4.994	mg/L	0.10	99.9	90	110			
Nitrogen, Nitrite (As N)	0.9925	mg/L	0.10	99.2	90	110			
Nitrogen, Nitrate (As N)	2.528	mg/L	0.10	101	90	110			
Phosphorus, Orthophosphate (As P)	4.885	mg/L	0.50	97.7	90	110			
Sulfate	10.67	mg/L	0.50	107	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R31149**		Analysis Date: 11/12/2008 10:32:06 AM		
Fluoride	0.5429	mg/L	0.10	109	90	110			
Chloride	4.776	mg/L	0.10	95.5	90	110			
Nitrogen, Nitrite (As N)	0.9363	mg/L	0.10	93.6	90	110			
Nitrogen, Nitrate (As N)	2.483	mg/L	0.10	99.3	90	110			
Phosphorus, Orthophosphate (As P)	4.979	mg/L	0.50	99.6	90	110			
Sulfate	9.918	mg/L	0.50	99.2	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R31460**		Analysis Date: 12/3/2008 1:14:41 PM		
Fluoride	0.5250	mg/L	0.10	105	90	110			
Chloride	5.009	mg/L	0.10	100	90	110			
Nitrogen, Nitrate (As N)	2.396	mg/L	0.10	95.8	90	110			
Phosphorus, Orthophosphate (As P)	5.235	mg/L	0.50	105	90	110			
Sulfate	10.21	mg/L	0.50	102	90	110			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-17619		*MBLK*			Batch ID:	**17619**	Analysis Date:		11/13/2008
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-17619		*LCS*			Batch ID:	**17619**	Analysis Date:		11/13/2008
Diesel Range Organics (DRO)	6.135	mg/L	1.0	123	74	157			
Sample ID: LCSD-17619		*LCSD*			Batch ID:	**17619**	Analysis Date:		11/13/2008
Diesel Range Organics (DRO)	6.155	mg/L	1.0	123	74	157	0.314	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R31186**	Analysis Date:		11/14/2008 9:10:56 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID:	**R31186**	Analysis Date:		11/15/2008 12:43:57 PM
Gasoline Range Organics (GRO)	0.4030	mg/L	0.050	80.6	80	115			
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R31251**	Analysis Date:		11/14/2008 9:10:56 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R31251**	Analysis Date:		11/14/2008 9:10:56 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R31251**	Analysis Date:		11/14/2008 6:28:37 PM
Methyl tert-butyl ether (MTBE)	24.90	µg/L	2.5	125	51.2	138			
Benzene	22.03	µg/L	1.0	110	85.9	113			
Toluene	22.64	µg/L	1.0	113	86.4	113			S
Ethylbenzene	22.93	µg/L	1.0	115	83.5	118			
Xylenes, Total	68.94	µg/L	2.0	115	83.4	122			
1,2,4-Trimethylbenzene	23.83	µg/L	1.0	119	83.5	115			S
1,3,5-Trimethylbenzene	22.43	µg/L	1.0	112	85.2	113			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** *0811156*

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs									
Sample ID: MB-17637		*MBLK*			Batch ID: **17637**		Analysis Date:	11/18/2008 1:06:38 PM	
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	2.0						
2-Methylnaphthalene	ND	µg/L	2.0						
Acenaphthylene	ND	µg/L	2.5						
Acenaphthene	ND	µg/L	5.0						
Fluorene	ND	µg/L	0.80						
Phenanthrene	ND	µg/L	0.60						
Anthracene	ND	µg/L	0.60						
Fluoranthene	ND	µg/L	0.30						
Pyrene	ND	µg/L	0.30						
Benz(a)anthracene	ND	µg/L	0.070						
Chrysene	ND	µg/L	0.20						
Benzo(b)fluoranthene	ND	µg/L	0.10						
Benzo(k)fluoranthene	ND	µg/L	0.070						
Benzo(a)pyrene	ND	µg/L	0.070						
Dibenz(a,h)anthracene	ND	µg/L	0.070						
Benzo(g,h,i)perylene	ND	µg/L	0.080						
Indeno(1,2,3-cd)pyrene	ND	µg/L	0.080						
mple ID: LCS-17637		*LCS*			Batch ID: **17637**		Analysis Date:	11/18/2008 1:44:39 PM	
Naphthalene	67.69	µg/L	2.0	84.6	31.5	90.7			
1-Methylnaphthalene	70.15	µg/L	2.0	87.5	32.5	93.3			
2-Methylnaphthalene	71.77	µg/L	2.0	89.7	32.8	89.6			S
Acenaphthylene	63.15	µg/L	2.5	78.7	37.8	92.4			
Acenaphthene	71.15	µg/L	5.0	88.9	38.6	93.9			
Fluorene	5.840	µg/L	0.80	72.8	38	95.5			
Phenanthrene	3.470	µg/L	0.60	86.3	32.9	107			
Anthracene	3.160	µg/L	0.60	78.6	35.2	98.3			
Fluoranthene	7.000	µg/L	0.30	87.3	36.4	104			
Pyrene	6.950	µg/L	0.30	86.7	37.1	102			
Benz(a)anthracene	0.6400	µg/L	0.070	79.8	33.7	101			
Chrysene	3.290	µg/L	0.20	81.8	35.2	96.1			
Benzo(b)fluoranthene	0.9000	µg/L	0.10	89.8	33.6	94.2			
Benzo(k)fluoranthene	0.4000	µg/L	0.070	80.0	25.4	110			
Benzo(a)pyrene	0.4300	µg/L	0.070	85.7	26.9	102			
Dibenz(a,h)anthracene	0.7900	µg/L	0.070	78.8	40.7	92.1			
Benzo(g,h,i)perylene	0.8100	µg/L	0.080	76.0	24.3	109			
Indeno(1,2,3-cd)pyrene	1.540	µg/L	0.080	76.8	42.6	99.9			
Method: EPA Method 7470: Mercury									
Sample ID: MB-17649		*MBLK*			Batch ID: **17649**		Analysis Date:	11/16/2008 7:03:52 PM	
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-17649		*LCS*			Batch ID: **17649**		Analysis Date:	11/16/2008 7:05:36 PM	
Mercury	0.004893	mg/L	0.00020	97.9	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-17690		*MBLK*			Batch ID: **17690**		Analysis Date:	12/1/2008 8:38:14 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Sample ID: LCS-17690		*LCS*			Batch ID: **17690**		Analysis Date:	12/1/2008 8:41:27 PM	
Arsenic	0.5037	mg/L	0.020	101	80	120			
Barium	0.4974	mg/L	0.010	99.5	80	120			
Cadmium	0.5020	mg/L	0.0020	100	80	120			
Calcium	47.23	mg/L	0.50	94.5	80	120			
Chromium	0.4979	mg/L	0.0060	99.6	80	120			
Lead	0.4845	mg/L	0.0050	96.9	80	120			
Magnesium	47.92	mg/L	0.50	95.8	80	120			
Potassium	50.18	mg/L	1.0	100	80	120			
Selenium	0.4777	mg/L	0.050	95.5	80	120			
Silver	0.5114	mg/L	0.0050	102	80	120			
Sodium	51.30	mg/L	0.50	103	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 11/12/2008

Work Order Number 0811156 Received by: ARS

Checklist completed by: _____ 11/12/08 Sample ID labels checked by: AT

Signature Date Initials

Matrix: Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
'ater - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	1°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining
Gallup Refinery
Mailing Address: Rt 3 Box 7
Gallup, NM 87301
Phone #: 505-722-3833
email or Fax#: 505-722-0210

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: 2008 4th QRR OCD Samples
Project #: NAPIS=1-3, KA-3
Project Manager: G. Rajen
Sampler: C. Johnson
On Ice: ☒ Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 801158	BTEX + MTBE + TMB's (8021B)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel) TPH extended	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	GenCHEM	RCRA 8 Metals			Air Bubbles (Y or N)
11-10-08	1545	H_2O	NAPIS-1			-1	X		X			X						X	X			
"	1540	"	NAPIS-2			-2																
"	1520	"	NAPIS-3			-3																
"	1530	"	KA-3			-4																
			TRIP Blank			-5	X		X													

Date: 11-10-08 Time: 1645 Relinquished by:
Date: Time: Relinquished by:

Received by: Date: 11/12/08 Time: 10:15
Received by: Date: Time:

Remarks: GenChem = Cations, Anions, pH, Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Napis 1-3, 3R

COVER LETTER

Friday, December 05, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 4th QTR OCD Samples

Order No.: 0811156

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 11/12/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-1
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:45:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	11/14/2008
Surr: DNOP	134	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	11/15/2008 6:40:06 AM
Surr: BFB	82.4	59.9-122		%REC	1	11/15/2008 6:40:06 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	11/15/2008 6:40:06 AM
Benzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 6:40:06 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 6:40:06 AM
Surr: 4-Bromofluorobenzene	99.5	65.9-130		%REC	1	11/15/2008 6:40:06 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 4:52:08 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 4:52:08 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 4:52:08 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 4:52:08 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 4:52:08 PM
Fluorene	ND	0.80		µg/L	1	11/18/2008 4:52:08 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 4:52:08 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 4:52:08 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 4:52:08 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 4:52:08 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 4:52:08 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 4:52:08 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 4:52:08 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 4:52:08 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 4:52:08 PM
Surr: Benzo(e)pyrene	70.6	44.8-104		%REC	1	11/18/2008 4:52:08 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.73	0.10		mg/L	1	11/12/2008 2:57:05 PM
Chloride	160	1.0		mg/L	10	11/12/2008 4:02:56 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-1
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:45:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	11/12/2008 2:57:05 PM
Nitrogen, Nitrate (As N)	1.6	0.10		mg/L	1	11/12/2008 2:57:05 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:57:05 PM
Sulfate	63	5.0		mg/L	10	11/12/2008 4:02:56 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:41:42 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:11:33 PM
Barium	0.13	0.020		mg/L	1	12/1/2008 10:11:33 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:11:33 PM
Calcium	78	1.0		mg/L	1	12/1/2008 10:11:33 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:11:33 PM
Lead	ND	0.0050		mg/L	1	12/1/2008 10:11:33 PM
Magnesium	14	1.0		mg/L	1	12/1/2008 10:11:33 PM
Potassium	1.2	1.0		mg/L	1	12/1/2008 10:11:33 PM
Selenium	ND	0.25		mg/L	5	12/1/2008 11:36:01 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:11:33 PM
Sodium	390	5.0		mg/L	5	12/1/2008 11:36:01 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	1900	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.30	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-2
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:40:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	4.0	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	7.7	5.0		mg/L	1	11/14/2008
Surr: DNOP	136	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	0.59	0.050		mg/L	1	11/15/2008 7:10:20 AM
Surr: BFB	97.1	59.9-122		%REC	1	11/15/2008 7:10:20 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	180	13		µg/L	5	11/20/2008 12:19:19 PM
Benzene	25	1.0		µg/L	1	11/15/2008 7:10:20 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 7:10:20 AM
Ethylbenzene	11	1.0		µg/L	1	11/15/2008 7:10:20 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 7:10:20 AM
1,2,4-Trimethylbenzene	11	1.0		µg/L	1	11/15/2008 7:10:20 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 7:10:20 AM
Surr: 4-Bromofluorobenzene	111	65.9-130		%REC	1	11/15/2008 7:10:20 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 5:23:34 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:23:34 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:23:34 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 5:23:34 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 5:23:34 PM
Fluorene	0.99	0.80		µg/L	1	11/18/2008 5:23:34 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 5:23:34 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 5:23:34 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 5:23:34 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 5:23:34 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 5:23:34 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 5:23:34 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 5:23:34 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 5:23:34 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 5:23:34 PM
Surr: Benzo(e)pyrene	41.3	44.8-104	S	%REC	1	11/18/2008 5:23:34 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.4	0.10		mg/L	1	11/12/2008 2:39:40 PM
Chloride	200	1.0		mg/L	10	11/12/2008 3:45:32 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-2
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:40:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	11/12/2008 2:39:40 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	11/12/2008 2:39:40 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:39:40 PM
Sulfate	32	5.0		mg/L	10	11/12/2008 3:45:32 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:43:27 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:15:43 PM
Barium	0.42	0.020		mg/L	1	12/1/2008 10:15:43 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:15:43 PM
Calcium	50	1.0		mg/L	1	12/1/2008 10:15:43 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:15:43 PM
Lead	0.0065	0.0050		mg/L	1	12/1/2008 10:15:43 PM
Magnesium	9.7	1.0		mg/L	1	12/1/2008 10:15:43 PM
Potassium	ND	1.0		mg/L	1	12/1/2008 10:15:43 PM
Selenium	ND	0.050		mg/L	1	12/1/2008 10:15:43 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:15:43 PM
Sodium	330	5.0		mg/L	5	12/1/2008 11:39:05 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	1600	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.21	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:20:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	5.1	5.0		mg/L	1	11/14/2008
Surr: DNOP	132	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	11/15/2008 8:10:53 AM
Surr: BFB	80.1	59.9-122		%REC	1	11/15/2008 8:10:53 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	11/15/2008 8:10:53 AM
Benzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 8:10:53 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:10:53 AM
Surr: 4-Bromofluorobenzene	96.1	65.9-130		%REC	1	11/15/2008 8:10:53 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 5:54:52 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:54:52 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 5:54:52 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 5:54:52 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 5:54:52 PM
Fluorene	ND	0.80		µg/L	1	11/18/2008 5:54:52 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 5:54:52 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 5:54:52 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 5:54:52 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 5:54:52 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 5:54:52 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 5:54:52 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 5:54:52 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 5:54:52 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 5:54:52 PM
Surr: Benzo(e)pyrene	69.6	44.8-104		%REC	1	11/18/2008 5:54:52 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	1.1	0.10		mg/L	1	11/12/2008 2:22:15 PM
Chloride	1100	5.0		mg/L	50	12/3/2008 4:43:36 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:20:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	11/12/2008 3:10:42 PM
Nitrogen, Nitrate (As N)	2.6	0.10		mg/L	1	11/12/2008 2:22:15 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:22:15 PM
Sulfate	310	5.0		mg/L	10	11/12/2008 3:10:42 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:45:13 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:19:36 PM
Barium	0.13	0.020		mg/L	1	12/1/2008 10:19:36 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:19:36 PM
Calcium	41	1.0		mg/L	1	12/1/2008 10:19:36 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:19:36 PM
Lead	ND	0.0050		mg/L	1	12/1/2008 10:19:36 PM
Magnesium	6.6	1.0		mg/L	1	12/1/2008 10:19:36 PM
Potassium	4.4	1.0		mg/L	1	12/1/2008 10:19:36 PM
Selenium	ND	0.50		mg/L	10	12/1/2008 11:43:53 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:19:36 PM
Sodium	960	10		mg/L	10	12/1/2008 11:43:53 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	4300	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	8.05	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:30:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	11/14/2008
Motor Oil Range Organics (MRO)	5.2	5.0		mg/L	1	11/14/2008
Surr: DNOP	132	58-140		%REC	1	11/14/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	0.15	0.050		mg/L	1	11/15/2008 8:41:19 AM
Surr: BFB	86.7	59.9-122		%REC	1	11/15/2008 8:41:19 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	130	13		µg/L	5	11/20/2008 12:52:22 PM
Benzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 8:41:19 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:41:19 AM
Surr: 4-Bromofluorobenzene	101	65.9-130		%REC	1	11/15/2008 8:41:19 AM
EPA METHOD 8310: PAHS						Analyst: **DMF**
Naphthalene	ND	2.0		µg/L	1	11/18/2008 6:26:09 PM
1-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 6:26:09 PM
2-Methylnaphthalene	ND	2.0		µg/L	1	11/18/2008 6:26:09 PM
Acenaphthylene	ND	2.5		µg/L	1	11/18/2008 6:26:09 PM
Acenaphthene	ND	5.0		µg/L	1	11/18/2008 6:26:09 PM
Fluorene	ND	0.80		µg/L	1	11/18/2008 6:26:09 PM
Phenanthrene	ND	0.60		µg/L	1	11/18/2008 6:26:09 PM
Anthracene	ND	0.60		µg/L	1	11/18/2008 6:26:09 PM
Fluoranthene	ND	0.30		µg/L	1	11/18/2008 6:26:09 PM
Pyrene	ND	0.30		µg/L	1	11/18/2008 6:26:09 PM
Benz(a)anthracene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Chrysene	ND	0.20		µg/L	1	11/18/2008 6:26:09 PM
Benzo(b)fluoranthene	ND	0.10		µg/L	1	11/18/2008 6:26:09 PM
Benzo(k)fluoranthene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Benzo(a)pyrene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Dibenz(a,h)anthracene	ND	0.070		µg/L	1	11/18/2008 6:26:09 PM
Benzo(g,h,i)perylene	ND	0.080		µg/L	1	11/18/2008 6:26:09 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	11/18/2008 6:26:09 PM
Surr: Benzo(e)pyrene	74.9	44.8-104		%REC	1	11/18/2008 6:26:09 PM
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Fluoride	0.46	0.10		mg/L	1	11/12/2008 2:04:51 PM
Chloride	590	1.0		mg/L	10	11/12/2008 3:28:07 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	KA-3
Lab Order:	0811156	**Collection Date:**	11/10/2008 3:30:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **SLB**
Nitrogen, Nitrite (As N)	2.0	1.0		mg/L	10	11/12/2008 3:28:07 PM
Nitrogen, Nitrate (As N)	11	0.10		mg/L	1	11/12/2008 2:04:51 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	11/12/2008 2:04:51 PM
Sulfate	140	5.0		mg/L	10	11/12/2008 3:28:07 PM
EPA METHOD 7470: MERCURY						Analyst: **SNV**
Mercury	ND	0.00020		mg/L	1	11/16/2008 7:46:59 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: **TES**
Arsenic	ND	0.020		mg/L	1	12/1/2008 10:23:53 PM
Barium	0.20	0.020		mg/L	1	12/1/2008 10:23:53 PM
Cadmium	ND	0.0020		mg/L	1	12/1/2008 10:23:53 PM
Calcium	65	1.0		mg/L	1	12/1/2008 10:23:53 PM
Chromium	ND	0.0060		mg/L	1	12/1/2008 10:23:53 PM
Lead	0.0095	0.0050		mg/L	1	12/1/2008 10:23:53 PM
Magnesium	11	1.0		mg/L	1	12/1/2008 10:23:53 PM
Potassium	1.8	1.0		mg/L	1	12/1/2008 10:23:53 PM
Selenium	ND	0.50		mg/L	10	12/1/2008 11:46:58 PM
Silver	ND	0.0050		mg/L	1	12/1/2008 10:23:53 PM
Sodium	570	10		mg/L	10	12/1/2008 11:46:58 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	2700	0.010		µmhos/cm	1	11/14/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.34	0.1		pH units	1	11/13/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0811156	**Collection Date:**	
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/12/2008
Lab ID:	0811156-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	11/15/2008 9:11:36 AM
Surr: BFB	79.4	59.9-122		%REC	1	11/15/2008 9:11:36 AM
EPA METHOD 8021B: VOLATILES						Analyst: **DAM**
Methyl tert-butyl ether (MTBE)	ND	2.5		µg/L	1	11/15/2008 9:11:36 AM
Benzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Xylenes, Total	ND	2.0		µg/L	1	11/15/2008 9:11:36 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 9:11:36 AM
Surr: 4-Bromofluorobenzene	93.8	65.9-130		%REC	1	11/15/2008 9:11:36 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: **R31145**		Analysis Date: 11/12/2008 10:35:56 AM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R31149**		Analysis Date: 11/12/2008 10:14:42 AM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID: **R31460**		Analysis Date: 12/3/2008 12:57:17 PM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: **R31145**		Analysis Date: 11/12/2008 10:53:21 AM		
Fluoride	0.5047	mg/L	0.10	101	90	110			
Chloride	4.994	mg/L	0.10	99.9	90	110			
Nitrogen, Nitrite (As N)	0.9925	mg/L	0.10	99.2	90	110			
Nitrogen, Nitrate (As N)	2.528	mg/L	0.10	101	90	110			
Phosphorus, Orthophosphate (As P)	4.885	mg/L	0.50	97.7	90	110			
Sulfate	10.67	mg/L	0.50	107	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R31149**		Analysis Date: 11/12/2008 10:32:06 AM		
Fluoride	0.5429	mg/L	0.10	109	90	110			
Chloride	4.776	mg/L	0.10	95.5	90	110			
Nitrogen, Nitrite (As N)	0.9363	mg/L	0.10	93.6	90	110			
Nitrogen, Nitrate (As N)	2.483	mg/L	0.10	99.3	90	110			
Phosphorus, Orthophosphate (As P)	4.979	mg/L	0.50	99.6	90	110			
Sulfate	9.918	mg/L	0.50	99.2	90	110			
Sample ID: LCS		*LCS*			Batch ID: **R31460**		Analysis Date: 12/3/2008 1:14:41 PM		
Fluoride	0.5250	mg/L	0.10	105	90	110			
Chloride	5.009	mg/L	0.10	100	90	110			
Nitrogen, Nitrate (As N)	2.396	mg/L	0.10	95.8	90	110			
Phosphorus, Orthophosphate (As P)	5.235	mg/L	0.50	105	90	110			
Sulfate	10.21	mg/L	0.50	102	90	110			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-17619		*MBLK*			Batch ID: **17619**		Analysis Date:		11/13/2008
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-17619		*LCS*			Batch ID: **17619**		Analysis Date:		11/13/2008
Diesel Range Organics (DRO)	6.135	mg/L	1.0	123	74	157			
Sample ID: LCSD-17619		*LCSD*			Batch ID: **17619**		Analysis Date:		11/13/2008
Diesel Range Organics (DRO)	6.155	mg/L	1.0	123	74	157	0.314	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R31186**		Analysis Date:		11/14/2008 9:10:56 AM
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: **R31186**		Analysis Date:		11/15/2008 12:43:57 PM
Gasoline Range Organics (GRO)	0.4030	mg/L	0.050	80.6	80	115			
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID: **R31251**		Analysis Date:		11/14/2008 9:10:56 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 5ML RB		*MBLK*			Batch ID: **R31251**		Analysis Date:		11/14/2008 9:10:56 AM
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID: **R31251**		Analysis Date:		11/14/2008 6:28:37 PM
Methyl tert-butyl ether (MTBE)	24.90	µg/L	2.5	125	51.2	138			
Benzene	22.03	µg/L	1.0	110	85.9	113			
Toluene	22.64	µg/L	1.0	113	86.4	113			S
Ethylbenzene	22.93	µg/L	1.0	115	83.5	118			
Xylenes, Total	68.94	µg/L	2.0	115	83.4	122			
1,2,4-Trimethylbenzene	23.83	µg/L	1.0	119	83.5	115			S
1,3,5-Trimethylbenzene	22.43	µg/L	1.0	112	85.2	113			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8310: PAHs									
Sample ID: MB-17637		*MBLK*			Batch ID: **17637**		Analysis Date:	11/18/2008 1:06:38 PM	
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	2.0						
2-Methylnaphthalene	ND	µg/L	2.0						
Acenaphthylene	ND	µg/L	2.5						
Acenaphthene	ND	µg/L	5.0						
Fluorene	ND	µg/L	0.80						
Phenanthrene	ND	µg/L	0.60						
Anthracene	ND	µg/L	0.60						
Fluoranthene	ND	µg/L	0.30						
Pyrene	ND	µg/L	0.30						
Benz(a)anthracene	ND	µg/L	0.070						
Chrysene	ND	µg/L	0.20						
Benzo(b)fluoranthene	ND	µg/L	0.10						
Benzo(k)fluoranthene	ND	µg/L	0.070						
Benzo(a)pyrene	ND	µg/L	0.070						
Dibenz(a,h)anthracene	ND	µg/L	0.070						
Benzo(g,h,i)perylene	ND	µg/L	0.080						
Indeno(1,2,3-cd)pyrene	ND	µg/L	0.080						
Sample ID: LCS-17637		*LCS*			Batch ID: **17637**		Analysis Date:	11/18/2008 1:44:39 PM	
Naphthalene	67.69	µg/L	2.0	84.6	31.5	90.7			
1-Methylnaphthalene	70.15	µg/L	2.0	87.5	32.5	93.3			
2-Methylnaphthalene	71.77	µg/L	2.0	89.7	32.8	89.6			S
Acenaphthylene	63.15	µg/L	2.5	78.7	37.8	92.4			
Acenaphthene	71.15	µg/L	5.0	88.9	38.6	93.9			
Fluorene	5.840	µg/L	0.80	72.8	38	95.5			
Phenanthrene	3.470	µg/L	0.60	86.3	32.9	107			
Anthracene	3.160	µg/L	0.60	78.6	35.2	98.3			
Fluoranthene	7.000	µg/L	0.30	87.3	36.4	104			
Pyrene	6.950	µg/L	0.30	86.7	37.1	102			
Benz(a)anthracene	0.6400	µg/L	0.070	79.8	33.7	101			
Chrysene	3.290	µg/L	0.20	81.8	35.2	96.1			
Benzo(b)fluoranthene	0.9000	µg/L	0.10	89.8	33.6	94.2			
Benzo(k)fluoranthene	0.4000	µg/L	0.070	80.0	25.4	110			
Benzo(a)pyrene	0.4300	µg/L	0.070	85.7	26.9	102			
Dibenz(a,h)anthracene	0.7900	µg/L	0.070	78.8	40.7	92.1			
Benzo(g,h,i)perylene	0.8100	µg/L	0.080	76.0	24.3	109			
Indeno(1,2,3-cd)pyrene	1.540	µg/L	0.080	76.8	42.6	99.9			
Method: EPA Method 7470: Mercury									
Sample ID: MB-17649		*MBLK*			Batch ID: **17649**		Analysis Date:	11/16/2008 7:03:52 PM	
Mercury	ND	mg/L	0.00020						
Sample ID: LCS-17649		*LCS*			Batch ID: **17649**		Analysis Date:	11/16/2008 7:05:36 PM	
Mercury	0.004893	mg/L	0.00020	97.9	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811156

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals									
Sample ID: MB-17690		*MBLK*			Batch ID:	**17690**	Analysis Date:	12/1/2008 8:38:14 PM	
Arsenic	ND	mg/L	0.020						
Barium	ND	mg/L	0.010						
Cadmium	ND	mg/L	0.0020						
Calcium	ND	mg/L	0.50						
Chromium	ND	mg/L	0.0060						
Lead	ND	mg/L	0.0050						
Magnesium	ND	mg/L	0.50						
Potassium	ND	mg/L	1.0						
Selenium	ND	mg/L	0.050						
Silver	ND	mg/L	0.0050						
Sodium	ND	mg/L	0.50						
Sample ID: LCS-17690		*LCS*			Batch ID:	**17690**	Analysis Date:	12/1/2008 8:41:27 PM	
Arsenic	0.5037	mg/L	0.020	101	80	120			
Barium	0.4974	mg/L	0.010	99.5	80	120			
Cadmium	0.5020	mg/L	0.0020	100	80	120			
Calcium	47.23	mg/L	0.50	94.5	80	120			
Chromium	0.4979	mg/L	0.0060	99.6	80	120			
Lead	0.4845	mg/L	0.0050	96.9	80	120			
[illegible]esium	47.92	mg/L	0.50	95.8	80	120			
[illegible]assium	50.18	mg/L	1.0	100	80	120			
Selenium	0.4777	mg/L	0.050	95.5	80	120			
Silver	0.5114	mg/L	0.0050	102	80	120			
Sodium	51.30	mg/L	0.50	103	80	120			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 11/12/2008

Work Order Number 0811156 | Received by: ARS

Checklist completed by: _____ 11/12/08 | Sample ID labels checked by: _____ Initials

Signature | Date

Matrix: | Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☑	No ☐	N/A ☐	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
ır - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	1°	<6° C *Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

_____

_____

_____

_____

rrective Action _____

_____

_____

Chain-of-Custody Record

Client: Western Refining
Gallup Refinery
Mailing Address: Rt 3 Box 7
Gallup, NM 87301
Phone #: 505-722-3833
email or Fax#: 505-722-0210

QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
☐ Other _____
☐ EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: 2008 4th QRR OCD Samples

Project #: NAPIS-1-3, KA-3

Project Manager: G. Rajen

Sampler: C. Johnson

On Ice: ☒ Yes ☐ No

Sample Temperature: 1°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0811552	BTEX + MTBE + TMB's (8021B)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel) 1PH EXPANDED	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	GenChem	RCRA 8 Metals			Air Bubbles (Y or N)
11.10.08	1545	H_2O	NAPIS-1			-1	X		X			X						X	X			
"	1540	"	NAPIS-2			-2																
"	1520	"	NAPIS-3			-3																
"	1530	"	KA-3			-4																
			TRIP Blank			-5	X		X													

Date:	Time:	Relinquished by:	Received by:	Date	Time
11.10.08	1645				
Date:	Time:	Relinquished by:	Received by:	Date	Time
				11/12/08	10:15

Remarks: GenChem = Cations, Anions, pH, Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, December 01, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0811199

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 11/14/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0811199	**Collection Date:**	11/12/2008 2:15:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	11/14/2008
Lab ID:	0811199-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	11/20/2008
2-Chlorophenol	ND	100		µg/L	1	11/20/2008
2,4-Dichlorophenol	ND	200		µg/L	1	11/20/2008
2,4-Dimethylphenol	150	100		µg/L	1	11/20/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	11/20/2008
2,4-Dinitrophenol	ND	200		µg/L	1	11/20/2008
2-Methylphenol	2800	500		µg/L	5	11/20/2008
3+4-Methylphenol	5800	500		µg/L	5	11/20/2008
2-Nitrophenol	ND	100		µg/L	1	11/20/2008
4-Nitrophenol	ND	100		µg/L	1	11/20/2008
Pentachlorophenol	ND	200		µg/L	1	11/20/2008
Phenol	11000	1000		µg/L	10	11/20/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	11/20/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	11/20/2008
Surr: 2,4,6-Tribromophenol	82.2	16.6-150		%REC	1	11/20/2008
Surr: 2-Fluorobiphenyl	76.2	19.6-134		%REC	1	11/20/2008
Surr: 2-Fluorophenol	61.1	9.54-113		%REC	1	11/20/2008
Surr: 4-Terphenyl-d14	66.9	22.7-145		%REC	1	11/20/2008
Surr: Nitrobenzene-d5	73.8	14.6-134		%REC	1	11/20/2008
Surr: Phenol-d5	18.6	10.7-80.3		%REC	1	11/20/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0811199	**Collection Date:**	11/12/2008 2:25:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	11/14/2008
Lab ID:	0811199-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	11/20/2008
2-Chlorophenol	ND	100		µg/L	1	11/20/2008
2,4-Dichlorophenol	ND	200		µg/L	1	11/20/2008
2,4-Dimethylphenol	140	100		µg/L	1	11/20/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	11/20/2008
2,4-Dinitrophenol	ND	200		µg/L	1	11/20/2008
2-Methylphenol	1500	100		µg/L	1	11/20/2008
3+4-Methylphenol	2300	500		µg/L	5	11/20/2008
2-Nitrophenol	ND	100		µg/L	1	11/20/2008
4-Nitrophenol	ND	100		µg/L	1	11/20/2008
Pentachlorophenol	ND	200		µg/L	1	11/20/2008
Phenol	5300	500		µg/L	5	11/20/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	11/20/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	11/20/2008
Surr: 2,4,6-Tribromophenol	84.5	16.6-150		%REC	1	11/20/2008
Surr: 2-Fluorobiphenyl	66.9	19.6-134		%REC	1	11/20/2008
Surr: 2-Fluorophenol	46.2	9.54-113		%REC	1	11/20/2008
Surr: 4-Terphenyl-d14	54.1	22.7-145		%REC	1	11/20/2008
Surr: Nitrobenzene-d5	60.3	14.6-134		%REC	1	11/20/2008
Surr: Phenol-d5	19.0	10.7-80.3		%REC	1	11/20/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0811199	**Collection Date:**	11/12/2008 2:35:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	11/14/2008
Lab ID:	0811199-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	500		µg/L	1	11/20/2008
2-Chlorophenol	ND	500		µg/L	1	11/20/2008
2,4-Dichlorophenol	ND	1000		µg/L	1	11/20/2008
2,4-Dimethylphenol	ND	500		µg/L	1	11/20/2008
4,6-Dinitro-2-methylphenol	ND	1000		µg/L	1	11/20/2008
2,4-Dinitrophenol	ND	1000		µg/L	1	11/20/2008
2-Methylphenol	1900	500		µg/L	1	11/20/2008
3+4-Methylphenol	2800	500		µg/L	1	11/20/2008
2-Nitrophenol	ND	500		µg/L	1	11/20/2008
4-Nitrophenol	ND	500		µg/L	1	11/20/2008
Pentachlorophenol	ND	1000		µg/L	1	11/20/2008
Phenol	6200	500		µg/L	1	11/20/2008
2,4,5-Trichlorophenol	ND	500		µg/L	1	11/20/2008
2,4,6-Trichlorophenol	ND	500		µg/L	1	11/20/2008
Surr: 2,4,6-Tribromophenol	83.2	16.6-150		%REC	1	11/20/2008
Surr: 2-Fluorobiphenyl	80.9	19.6-134		%REC	1	11/20/2008
Surr: 2-Fluorophenol	55.0	9.54-113		%REC	1	11/20/2008
Surr: 4-Terphenyl-d14	56.5	22.7-145		%REC	1	11/20/2008
Surr: Nitrobenzene-d5	74.4	14.6-134		%REC	1	11/20/2008
Surr: Phenol-d5	36.5	10.7-80.3		%REC	1	11/20/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0811199**
Order: **08110322 HAL03** Receipt: **11-14-08**

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0811199-01B AL-1 INLET* Collected: *11-12-08 14:15:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-001A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08047	WC.2008.3043.7	C-004	Chemical Oxygen Demand	1120	mg/L	1	10		11-24-08	11-24-08

Sample: *0811199-01C AL-1 INLET* Collected: *11-12-08 14:15:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-002A		**EPA 405.1 Biochemical Oxygen Demand**						By: TRM		
BOD080133	WC.2008.2978.17	10-26-4	Biochemical Oxygen Demand	303	mg/L	1	2	1	11-14-08	11-19-08

Sample: *0811199-02B AL-2 INLET* Collected: *11-12-08 14:25:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-003A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08047	WC.2008.3043.18	C-004	Chemical Oxygen Demand	3250	mg/L	10	10		11-24-08	11-24-08

Report Date: 11/26/2008 2:04:06 PM

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0811199**
Order: **08110322 HAL03** Receipt: **11-14-08**

Sample: ***0811199-02C AL- 2 INLET*** Collected: *11-12-08 14:25:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-004A		EPA 405.1 Biochemical Oxygen Demand						By: TRM		
BOD080133	WC.2008.2978.18	10-26-4	Biochemical Oxygen Demand	> 2820	mg/L	1	2	1	11-14-08	11-19-08

Sample: ***0811199-03B EP-1 INLET*** Collected: *11-12-08 14:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-005A		EPA 410.1 Chemical Oxygen Demand						By: NJL		
WCOD08047	WC.2008.3043.17	C-004	Chemical Oxygen Demand	2250	mg/L	10	10		11-24-08	11-24-08

Sample: ***0811199-03C EP-1 INLET*** Collected: *11-12-08 14:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-006A		EPA 405.1 Biochemical Oxygen Demand						By: TRM		
BOD080133	WC.2008.2978.19	10-26-4	Biochemical Oxygen Demand	> 2860	mg/L	1	2	1	11-14-08	11-19-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

The LCS/LCSD failed low, this is attributed to seasonal changes, adjustments are being made to seed concentration to accommodate these changes. This should be taken into when reviewing the data.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0811199

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17666		*MBLK*			Batch ID: 17666		Analysis Date:		11/20/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	5.0						
2-Methylphenol	ND	µg/L	5.0						
3+4-Methylphenol	ND	µg/L	5.0						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	5.0						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17666		*LCS*			Batch ID: 17666		Analysis Date:		11/20/2008
4-Chloro-3-methylphenol	80.00	µg/L	10	80.0	15.4	119			
2-Chlorophenol	75.12	µg/L	10	75.1	12.2	122			
4-Nitrophenol	83.72	µg/L	10	83.7	12.5	87.4			
Pentachlorophenol	78.68	µg/L	20	78.7	3.55	114			
Phenol	63.08	µg/L	10	63.1	7.53	73.1			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 11/14/2008

Work Order Number 0811199 Received by: TLS

Checklist completed by: Signature 11/14/08 Date Sample ID labels checked by: Initials

Matrix: Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted	☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	2°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - Refining
Gallup Refinery
Mailing Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: AL-1, AL-2, EP-1

Project #:

Project Manager: Gaurau, Rajen

Sampler: A. Dorsey

On Ice: ☒ Yes ☐ No

Sample Temperature:

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0811512
11-12-08	1415		AL-1 Inlet	2-500mL		1
11-12-08	1415		AL-1 Inlet	1-500mL	H_2SO_4	1
11-12-08	1415		AL-1 Inlet	1-liter		1
11-12-08	1425		AL-2 Inlet	2-500mL		2
11-12-08	1425		AL-2 Inlet	1-500mL	H_2SO_4	2
11-12-08	1425		AL-2 Inlet	1-liter		2
11-12-08	1435		EP-1 Inlet	2-~~500~~ 500mL		3
11-12-08	1435		EP-1 Inlet	1-500mL	H_2SO_4	3
11-12-08	1435		EP-1 Inlet	1-liter		3

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions ($F, Cl, NO_3, NO_2, PO_4, SO_4$)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
											X				
												X			
													X		
											X				
												X			
													X		
											X				
												X			
													X		

Date:	Time:	Relinquished by:	Received by:	Date	Time
11-12-08	4:00	Alvin D			
Date:	Time:	Relinquished by:	Received by:	11/14/08	939

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, December 01, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0811199

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 11/14/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0811199	**Collection Date:**	11/12/2008 2:15:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	11/14/2008
Lab ID:	0811199-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	11/20/2008
2-Chlorophenol	ND	100		µg/L	1	11/20/2008
2,4-Dichlorophenol	ND	200		µg/L	1	11/20/2008
2,4-Dimethylphenol	150	100		µg/L	1	11/20/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	11/20/2008
2,4-Dinitrophenol	ND	200		µg/L	1	11/20/2008
2-Methylphenol	2800	500		µg/L	5	11/20/2008
3+4-Methylphenol	5800	500		µg/L	5	11/20/2008
2-Nitrophenol	ND	100		µg/L	1	11/20/2008
4-Nitrophenol	ND	100		µg/L	1	11/20/2008
Pentachlorophenol	ND	200		µg/L	1	11/20/2008
Phenol	11000	1000		µg/L	10	11/20/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	11/20/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	11/20/2008
Surr: 2,4,6-Tribromophenol	82.2	16.6-150		%REC	1	11/20/2008
Surr: 2-Fluorobiphenyl	76.2	19.6-134		%REC	1	11/20/2008
Surr: 2-Fluorophenol	61.1	9.54-113		%REC	1	11/20/2008
Surr: 4-Terphenyl-d14	66.9	22.7-145		%REC	1	11/20/2008
Surr: Nitrobenzene-d5	73.8	14.6-134		%REC	1	11/20/2008
Surr: Phenol-d5	18.6	10.7-80.3		%REC	1	11/20/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0811199	**Collection Date:**	11/12/2008 2:25:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	11/14/2008
Lab ID:	0811199-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	11/20/2008
2-Chlorophenol	ND	100		µg/L	1	11/20/2008
2,4-Dichlorophenol	ND	200		µg/L	1	11/20/2008
2,4-Dimethylphenol	140	100		µg/L	1	11/20/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	11/20/2008
2,4-Dinitrophenol	ND	200		µg/L	1	11/20/2008
2-Methylphenol	1500	100		µg/L	1	11/20/2008
3+4-Methylphenol	2300	500		µg/L	5	11/20/2008
2-Nitrophenol	ND	100		µg/L	1	11/20/2008
4-Nitrophenol	ND	100		µg/L	1	11/20/2008
Pentachlorophenol	ND	200		µg/L	1	11/20/2008
Phenol	5300	500		µg/L	5	11/20/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	11/20/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	11/20/2008
Surr: 2,4,6-Tribromophenol	84.5	16.6-150		%REC	1	11/20/2008
Surr: 2-Fluorobiphenyl	66.9	19.6-134		%REC	1	11/20/2008
Surr: 2-Fluorophenol	46.2	9.54-113		%REC	1	11/20/2008
Surr: 4-Terphenyl-d14	54.1	22.7-145		%REC	1	11/20/2008
Surr: Nitrobenzene-d5	60.3	14.6-134		%REC	1	11/20/2008
Surr: Phenol-d5	19.0	10.7-80.3		%REC	1	11/20/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0811199	**Collection Date:**	11/12/2008 2:35:00 PM
Project:	AL-1, AL-2, EP-1	**Date Received:**	11/14/2008
Lab ID:	0811199-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	500		µg/L	1	11/20/2008
2-Chlorophenol	ND	500		µg/L	1	11/20/2008
2,4-Dichlorophenol	ND	1000		µg/L	1	11/20/2008
2,4-Dimethylphenol	ND	500		µg/L	1	11/20/2008
4,6-Dinitro-2-methylphenol	ND	1000		µg/L	1	11/20/2008
2,4-Dinitrophenol	ND	1000		µg/L	1	11/20/2008
2-Methylphenol	1900	500		µg/L	1	11/20/2008
3+4-Methylphenol	2800	500		µg/L	1	11/20/2008
2-Nitrophenol	ND	500		µg/L	1	11/20/2008
4-Nitrophenol	ND	500		µg/L	1	11/20/2008
Pentachlorophenol	ND	1000		µg/L	1	11/20/2008
Phenol	6200	500		µg/L	1	11/20/2008
2,4,5-Trichlorophenol	ND	500		µg/L	1	11/20/2008
2,4,6-Trichlorophenol	ND	500		µg/L	1	11/20/2008
Surr: 2,4,6-Tribromophenol	83.2	16.6-150		%REC	1	11/20/2008
Surr: 2-Fluorobiphenyl	80.9	19.6-134		%REC	1	11/20/2008
Surr: 2-Fluorophenol	55.0	9.54-113		%REC	1	11/20/2008
Surr: 4-Terphenyl-d14	56.5	22.7-145		%REC	1	11/20/2008
Surr: Nitrobenzene-d5	74.4	14.6-134		%REC	1	11/20/2008
Surr: Phenol-d5	36.5	10.7-80.3		%REC	1	11/20/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0811199**
Order: **08110322 HAL03** Receipt: **11-14-08**

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0811199-01B AL-1 INLET*** Collected: *11-12-08 14:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-001A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08047	WC.2008.3043.7	C-004	Chemical Oxygen Demand	1120	mg/L	1	10		11-24-08	11-24-08

Sample: ***0811199-01C AL-1 INLET*** Collected: *11-12-08 14:15:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-002A		**EPA 405.1 Biochemical Oxygen Demand**						By: TRM		
BOD080133	WC.2008.2978.17	10-26-4	Biochemical Oxygen Demand	303	mg/L	1	2	1	11-14-08	11-19-08

Sample: ***0811199-02B AL-2 INLET*** Collected: *11-12-08 14:25:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-003A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08047	WC.2008.3043.16	C-004	Chemical Oxygen Demand	3250	mg/L	10	10		11-24-08	11-24-08

Report Date: 11/26/2008 2:04:06 PM

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0811199**
Order: **08110322 HAL03** Receipt: **11-14-08**

Sample: ***0811199-02C AL- 2 INLET*** Collected: *11-12-08 14:25:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-004A		**EPA 405.1 Biochemical Oxygen Demand**						By: TRM		
BOD080133	WC.2008.2978.18	10-26-4	Biochemical Oxygen Demand	> 2820	mg/L	1	2	1	11-14-08	11-19-08

Sample: ***0811199-03B EP-1 INLET*** Collected: *11-12-08 14:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-005A		**EPA 410.1 Chemical Oxygen Demand**						By: NJL		
WCOD08047	WC.2008.3043.17	C-004	Chemical Oxygen Demand	2250	mg/L	10	10		11-24-08	11-24-08

Sample: ***0811199-03C EP-1 INLET*** Collected: *11-12-08 14:35:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08110322-006A		**EPA 405.1 Biochemical Oxygen Demand**						By: TRM		
BOD080133	WC.2008.2978.19	10-26-4	Biochemical Oxygen Demand	> 2860	mg/L	1	2	1	11-14-08	11-19-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

1 The LCS/LCSD failed low, this is attributed to seasonal changes, adjustments are being made to seed concentration to accommodate these changes. This should be taken into when reviewing the data.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0811199

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17666		*MBLK*			Batch ID: **17666**		Analysis Date:		11/20/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	5.0						
2-Methylphenol	ND	µg/L	5.0						
3+4-Methylphenol	ND	µg/L	5.0						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	5.0						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17666		*LCS*			Batch ID: **17666**		Analysis Date:		11/20/2008
4-Chloro-3-methylphenol	80.00	µg/L	10	80.0	15.4	119			
2-Chlorophenol	75.12	µg/L	10	75.1	12.2	122			
4-Nitrophenol	83.72	µg/L	10	83.7	12.5	87.4			
Pentachlorophenol	78.68	µg/L	20	78.7	3.55	114			
Phenol	63.08	µg/L	10	63.1	7.53	73.1			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 11/14/2008

Work Order Number 0811199 Received by: TLS

Checklist completed by: Signature 11/14/08 Date Sample ID labels checked by: Initials

Matrix: Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	2°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: WESTERN - Refining
Gallup Refinery
Mailing Address: RT 3 Box 9
Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: AL-1, AL-2, EP-1
Project #:
Project Manager: GAURAU, RAJEN
Sampler: A. DORSEY
On Ice: ☒ Yes ☐ No
Sample Temperature: 4°

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 081196	BTEX + MTBE + TME's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
11-12-08	1415	Aq	AL-1 Inlet	2-500mL		1												X				
11-12-08	1415		AL-1 Inlet	1-500mL	H_2SO_4	1													X			
11-12-08	1415		AL-1 Inlet	1-liter		1														X		
11-12-08	1425		AL-2 Inlet	2-500mL		2												X				
11-12-08	1425		AL-2 Inlet	1-500mL	H_2SO_4	2													X			
11-12-08	1425		AL-2 Inlet	1-liter		2														X		
11-12-08	1435		EP-1 Inlet	2-500mL		3												X				
11-12-08	1435		EP-1 Inlet	1-500mL	H_2SO_4	3													X			
11-12-08	1435		EP-1 Inlet	1-liter		3														X		

Date:	Time:	Relinquished by:	Received by:	Date	Time
11-12-08	4:00			11/14/08	939
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

OW 14,30

COVER LETTER

Thursday, December 04, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 4th QTR OCD Samples

Order No.: 0811196

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 11/14/2008 for the analyses presented in the following report.

This report is an addendum to the report dated November 25, 2008.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-30
Lab Order:	0811196	**Collection Date:**	11/12/2008 2:30:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/14/2008
Lab ID:	0811196-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Methyl tert-butyl ether (MTBE)	1200	10		µg/L	10	11/15/2008 8:07:33 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2-Dichloroethane (EDC)	1.3	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Naphthalene	ND	2.0		µg/L	1	11/15/2008 8:36:26 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/15/2008 8:36:26 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/15/2008 8:36:26 AM
Acetone	ND	10		µg/L	1	11/15/2008 8:36:26 AM
Bromobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Bromoform	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Bromomethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
2-Butanone	ND	10		µg/L	1	11/15/2008 8:36:26 AM
Carbon disulfide	ND	10		µg/L	1	11/15/2008 8:36:26 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Chlorobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Chloroethane	ND	2.0		µg/L	1	11/15/2008 8:36:26 AM
Chloroform	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Chloromethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/15/2008 8:36:26 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Dibromomethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/15/2008 8:36:26 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
2-Hexanone	ND	10		µg/L	1	11/15/2008 8:36:26 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-30
Lab Order:	0811196	**Collection Date:**	11/12/2008 2:30:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/14/2008
Lab ID:	0811196-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Isopropylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/15/2008 8:36:26 AM
Methylene Chloride	ND	3.0		µg/L	1	11/15/2008 8:36:26 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Styrene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/15/2008 8:36:26 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/15/2008 8:36:26 AM
Vinyl chloride	ND	1.0		µg/L	1	11/15/2008 8:36:26 AM
Xylenes, Total	ND	1.5		µg/L	1	11/15/2008 8:36:26 AM
Surr: 1,2-Dichloroethane-d4	107	68.1-123		%REC	1	11/15/2008 8:36:26 AM
Surr: 4-Bromofluorobenzene	102	53.2-145		%REC	1	11/15/2008 8:36:26 AM
Surr: Dibromofluoromethane	110	68.5-119		%REC	1	11/15/2008 8:36:26 AM
Surr: Toluene-d8	104	64-131		%REC	1	11/15/2008 8:36:26 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-14
Lab Order:	0811196	**Collection Date:**	11/12/2008 4:05:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/14/2008
Lab ID:	0811196-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	6.7	1.0		µg/L	1	11/15/2008 10:04:30 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Methyl tert-butyl ether (MTBE)	1400	10		µg/L	10	11/15/2008 9:35:43 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2-Dichloroethane (EDC)	1.8	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Naphthalene	ND	2.0		µg/L	1	11/15/2008 10:04:30 AM
1-Methylnaphthalene	16	4.0		µg/L	1	11/15/2008 10:04:30 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/15/2008 10:04:30 AM
Acetone	ND	10		µg/L	1	11/15/2008 10:04:30 AM
Bromobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Bromoform	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Bromomethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
2-Butanone	ND	10		µg/L	1	11/15/2008 10:04:30 AM
Carbon disulfide	ND	10		µg/L	1	11/15/2008 10:04:30 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Chlorobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Chloroethane	ND	2.0		µg/L	1	11/15/2008 10:04:30 AM
Chloroform	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Chloromethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/15/2008 10:04:30 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Dibromomethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/15/2008 10:04:30 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
2-Hexanone	ND	10		µg/L	1	11/15/2008 10:04:30 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-14
Lab Order:	0811196	**Collection Date:**	11/12/2008 4:05:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/14/2008
Lab ID:	0811196-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	1.5	1.0		µg/L	1	11/15/2008 10:04:30 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/15/2008 10:04:30 AM
Methylene Chloride	ND	3.0		µg/L	1	11/15/2008 10:04:30 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
sec-Butylbenzene	2.5	1.0		µg/L	1	11/15/2008 10:04:30 AM
Styrene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/15/2008 10:04:30 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/15/2008 10:04:30 AM
Vinyl chloride	ND	1.0		µg/L	1	11/15/2008 10:04:30 AM
Xylenes, Total	ND	1.5		µg/L	1	11/15/2008 10:04:30 AM
Surr: 1,2-Dichloroethane-d4	116	68.1-123		%REC	1	11/15/2008 10:04:30 AM
Surr: 4-Bromofluorobenzene	113	53.2-145		%REC	1	11/15/2008 10:04:30 AM
Surr: Dibromofluoromethane	122	68.5-119	S	%REC	1	11/15/2008 10:04:30 AM
Surr: Toluene-d8	93.6	64-131		%REC	1	11/15/2008 10:04:30 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	TRIP BLANK
Lab Order:	0811196	**Collection Date:**	
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/14/2008
Lab ID:	0811196-03	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Toluene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Ethylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Naphthalene	ND	2.0		µg/L	1	11/15/2008 7:37:08 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/15/2008 7:37:08 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/15/2008 7:37:08 AM
Acetone	ND	10		µg/L	1	11/15/2008 7:37:08 AM
Bromobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Bromoform	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Bromomethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
2-Butanone	ND	10		µg/L	1	11/15/2008 7:37:08 AM
Carbon disulfide	ND	10		µg/L	1	11/15/2008 7:37:08 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Chlorobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Chloroethane	ND	2.0		µg/L	1	11/15/2008 7:37:08 AM
Chloroform	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Chloromethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/15/2008 7:37:08 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Dibromomethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/15/2008 7:37:08 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
2-Hexanone	ND	10		µg/L	1	11/15/2008 7:37:08 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *04-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	TRIP BLANK
Lab Order:	0811196	**Collection Date:**	
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/14/2008
Lab ID:	0811196-03	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Isopropylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/15/2008 7:37:08 AM
Methylene Chloride	ND	3.0		µg/L	1	11/15/2008 7:37:08 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Styrene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/15/2008 7:37:08 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/15/2008 7:37:08 AM
Vinyl chloride	ND	1.0		µg/L	1	11/15/2008 7:37:08 AM
Xylenes, Total	ND	1.5		µg/L	1	11/15/2008 7:37:08 AM
Surr: 1,2-Dichloroethane-d4	102	68.1-123		%REC	1	11/15/2008 7:37:08 AM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	11/15/2008 7:37:08 AM
Surr: Dibromofluoromethane	111	68.5-119		%REC	1	11/15/2008 7:37:08 AM
Surr: Toluene-d8	105	64-131		%REC	1	11/15/2008 7:37:08 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples
Work Order: 0811196

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8021B: Volatiles									
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R31251**	Analysis Date:	11/14/2008 9:10:56 AM	
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 5ML RB		*MBLK*			Batch ID:	**R31251**	Analysis Date:	11/14/2008 9:10:56 AM	
Methyl tert-butyl ether (MTBE)	ND	µg/L	2.5						
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	2.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
Sample ID: 100NG BTEX LCS		*LCS*			Batch ID:	**R31251**	Analysis Date:	11/14/2008 6:28:37 PM	
Methyl tert-butyl ether (MTBE)	24.90	µg/L	2.5	125	51.2	138			
Benzene	22.03	µg/L	1.0	110	85.9	113			
Toluene	22.64	µg/L	1.0	113	86.4	113			S
Ethylbenzene	22.93	µg/L	1.0	115	83.5	118			
Xylenes, Total	68.94	µg/L	2.0	115	83.4	122			
1,2,4-Trimethylbenzene	23.83	µg/L	1.0	119	83.5	115			S
1,3,5-Trimethylbenzene	22.43	µg/L	1.0	112	85.2	113			

Qualifiers:

	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811196

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: **R31191**		Analysis Date: 11/14/2008 9:52:56 PM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
robenzene	ND	µg/L	1.0						
oethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811196

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*				Batch ID: **R31191**	Analysis Date:	11/14/2008 9:52:56 PM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
nyl chloride	ND	µg/L	1.0						
enes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*				Batch ID: **R31191**	Analysis Date:	11/14/2008 10:50:53 PM	
Benzene	20.29	µg/L	1.0	101	88	116			
Toluene	18.93	µg/L	1.0	94.7	82.9	112			
Chlorobenzene	18.36	µg/L	1.0	91.8	71.4	133			
1,1-Dichloroethene	19.24	µg/L	1.0	96.2	97.9	140			S
Trichloroethene (TCE)	18.58	µg/L	1.0	92.9	90.5	112			

aliffers:

	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Chain-of-Custody Record

Client: Western Refining Gallup Refinery

Mailing Address: Rt 3 Box 7

Phone #: 505 722 3833

email or Fax#: 505 722 0210

QA/QC Package:
- [X] Standard
- [ ] Level 4 (Full Validation)
- [ ] Other
- [ ] EDD (Type)

Turn-Around Time:
- [X] Standard
- [ ] Rush

Project Name: 2008 3rd QTR OCD Samples

Project #:

Project Manager: G. Rajen

Sampler: Q. Johnson

On Ice: [X] Yes [ ] No

Sample Temperature:

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0811697	BTEX + MTBE + TMB's (8021)B	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
11/12/08	1430	H2O	OW-30			1	X									X						
11/12/08	1605	H2O	OW-14			2	X									X						
			TRIP Blank			3																

Date:	Time:	Relinquished by:	Received by:	Date	Time
11/13/08	1015			11/14/08	945
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

OW-13/29

COVER LETTER

Monday, December 01, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: 2008 4th QTR OCD Samples

Order No.: 0811259

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 11/18/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-13
Lab Order:	0811259	**Collection Date:**	11/13/2008 2:00:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/18/2008
Lab ID:	0811259-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Toluene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Ethylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Methyl tert-butyl ether (MTBE)	1.6	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Naphthalene	ND	2.0		µg/L	1	11/19/2008 9:18:24 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/19/2008 9:18:24 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/19/2008 9:18:24 AM
Acetone	ND	10		µg/L	1	11/19/2008 9:18:24 AM
Bromobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Bromoform	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Bromomethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
2-Butanone	ND	10		µg/L	1	11/19/2008 9:18:24 AM
Carbon disulfide	ND	10		µg/L	1	11/19/2008 9:18:24 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Chlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Chloroethane	ND	2.0		µg/L	1	11/19/2008 9:18:24 AM
Chloroform	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Chloromethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/19/2008 9:18:24 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Dibromomethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/19/2008 9:18:24 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
2-Hexanone	ND	10		µg/L	1	11/19/2008 9:18:24 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-13
Lab Order:	0811259	**Collection Date:**	11/13/2008 2:00:00 PM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/18/2008
Lab ID:	0811259-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/19/2008 9:18:24 AM
Methylene Chloride	ND	3.0		µg/L	1	11/19/2008 9:18:24 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Styrene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/19/2008 9:18:24 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/19/2008 9:18:24 AM
Vinyl chloride	ND	1.0		µg/L	1	11/19/2008 9:18:24 AM
Xylenes, Total	ND	1.5		µg/L	1	11/19/2008 9:18:24 AM
Surr: 1,2-Dichloroethane-d4	107	68.1-123		%REC	1	11/19/2008 9:18:24 AM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	1	11/19/2008 9:18:24 AM
Surr: Dibromofluoromethane	120	68.5-119	S	%REC	1	11/19/2008 9:18:24 AM
Surr: Toluene-d8	95.5	64-131		%REC	1	11/19/2008 9:18:24 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-29
Lab Order:	0811259	**Collection Date:**	11/14/2008 10:50:00 AM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/18/2008
Lab ID:	0811259-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Toluene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Ethylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Methyl tert-butyl ether (MTBE)	15	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2-Dichloroethane (EDC)	1.0	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Naphthalene	ND	2.0		µg/L	1	11/19/2008 9:47:41 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/19/2008 9:47:41 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/19/2008 9:47:41 AM
Acetone	ND	10		µg/L	1	11/19/2008 9:47:41 AM
Bromobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Bromoform	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Bromomethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
2-Butanone	ND	10		µg/L	1	11/19/2008 9:47:41 AM
Carbon disulfide	ND	10		µg/L	1	11/19/2008 9:47:41 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Chlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Chloroethane	ND	2.0		µg/L	1	11/19/2008 9:47:41 AM
Chloroform	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Chloromethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/19/2008 9:47:41 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Dibromomethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/19/2008 9:47:41 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
2-Hexanone	ND	10		µg/L	1	11/19/2008 9:47:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	OW-29
Lab Order:	0811259	**Collection Date:**	11/14/2008 10:50:00 AM
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/18/2008
Lab ID:	0811259-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/19/2008 9:47:41 AM
Methylene Chloride	ND	3.0		µg/L	1	11/19/2008 9:47:41 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Styrene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/19/2008 9:47:41 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/19/2008 9:47:41 AM
Vinyl chloride	ND	1.0		µg/L	1	11/19/2008 9:47:41 AM
Xylenes, Total	ND	1.5		µg/L	1	11/19/2008 9:47:41 AM
Surr: 1,2-Dichloroethane-d4	108	68.1-123		%REC	1	11/19/2008 9:47:41 AM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	11/19/2008 9:47:41 AM
Surr: Dibromofluoromethane	117	68.5-119		%REC	1	11/19/2008 9:47:41 AM
Surr: Toluene-d8	97.2	64-131		%REC	1	11/19/2008 9:47:41 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0811259
Project: 2008 4th QTR OCD Samples
Lab ID: 0811259-03

Client Sample ID: TRIP BLANK
Collection Date:
Date Received: 11/18/2008
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Toluene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Ethylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Naphthalene	ND	2.0		µg/L	1	11/19/2008 10:16:47 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	11/19/2008 10:16:47 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	11/19/2008 10:16:47 AM
Acetone	ND	10		µg/L	1	11/19/2008 10:16:47 AM
Bromobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Bromodichloromethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Bromoform	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Bromomethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
2-Butanone	ND	10		µg/L	1	11/19/2008 10:16:47 AM
Carbon disulfide	ND	10		µg/L	1	11/19/2008 10:16:47 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Chlorobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Chloroethane	ND	2.0		µg/L	1	11/19/2008 10:16:47 AM
Chloroform	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Chloromethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
2-Chlorotoluene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
4-Chlorotoluene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
cis-1,2-DCE	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	11/19/2008 10:16:47 AM
Dibromochloromethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Dibromomethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	11/19/2008 10:16:47 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
2-Hexanone	ND	10		µg/L	1	11/19/2008 10:16:47 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *01-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	TRIP BLANK
Lab Order:	0811259	**Collection Date:**	
Project:	2008 4th QTR OCD Samples	**Date Received:**	11/18/2008
Lab ID:	0811259-03	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Isopropylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	11/19/2008 10:16:47 AM
Methylene Chloride	ND	3.0		µg/L	1	11/19/2008 10:16:47 AM
n-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
n-Propylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
sec-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Styrene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
tert-Butylbenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	11/19/2008 10:16:47 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
trans-1,2-DCE	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	11/19/2008 10:16:47 AM
Vinyl chloride	ND	1.0		µg/L	1	11/19/2008 10:16:47 AM
Xylenes, Total	ND	1.5		µg/L	1	11/19/2008 10:16:47 AM
Surr: 1,2-Dichloroethane-d4	105	68.1-123		%REC	1	11/19/2008 10:16:47 AM
Surr: 4-Bromofluorobenzene	101	53.2-145		%REC	1	11/19/2008 10:16:47 AM
Surr: Dibromofluoromethane	115	68.5-119		%REC	1	11/19/2008 10:16:47 AM
Surr: Toluene-d8	96.7	64-131		%REC	1	11/19/2008 10:16:47 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811259

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 0811259-01a MSD		*MSD*			Batch ID:	**R31254**	Analysis Date:	11/19/2008 12:04:38 AM	
Benzene	22.28	µg/L	1.0	111	84.9	122	2.74	15	
Toluene	18.90	µg/L	1.0	94.5	80.3	114	1.11	15	
Chlorobenzene	18.20	µg/L	1.0	91.0	71.9	134	0.110	15	
1,1-Dichloroethene	24.07	µg/L	1.0	120	88	144	0.852	17.8	
Trichloroethene (TCE)	21.23	µg/L	1.0	106	87.1	114	5.49	19.8	
Sample ID: 5ml rb		*MBLK*			Batch ID:	**R31254**	Analysis Date:	11/18/2008 9:42:17 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
[illegible]odichloromethane	ND	µg/L	1.0						
[illegible]omoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						

[illegible]lifiers:

[illegible]	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811259

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31254**		Analysis Date: 11/18/2008 9:42:17 AM		
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
[redacted]-Trichlorobenzene	ND	µg/L	1.0						
[redacted],1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b5		*MBLK*			Batch ID: **R31254**		Analysis Date: 11/18/2008 10:08:46 PM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						

[redacted]ifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811259

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b5		*MBLK*			Batch ID: **R31254**		Analysis Date: 11/18/2008 10:08:46 PM		
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
[redacted]Dichloroethene	ND	µg/L	1.0						
[redacted]-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						

Qualifiers:

B	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: 2008 4th QTR OCD Samples **Work Order:** 0811259

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b5		*MBLK*			Batch ID: **R31254**		Analysis Date: 11/18/2008 10:08:46 PM		
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs_c		*LCS*			Batch ID: **R31254**		Analysis Date: 11/18/2008 12:50:20 PM		
Benzene	22.68	µg/L	1.0	113	88	116			
Toluene	20.53	µg/L	1.0	103	82.9	112			
Chlorobenzene	19.07	µg/L	1.0	95.3	71.4	133			
1,1-Dichloroethene	22.36	µg/L	1.0	112	97.9	140			
Trichloroethene (TCE)	20.64	µg/L	1.0	103	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31254**		Analysis Date: 11/18/2008 11:06:45 PM		
Benzene	22.34	µg/L	1.0	112	88	116			
Toluene	18.26	µg/L	1.0	91.3	82.9	112			
Chlorobenzene	17.47	µg/L	1.0	87.3	71.4	133			
1,1-Dichloroethene	23.70	µg/L	1.0	119	97.9	140			
Trichloroethene (TCE)	20.48	µg/L	1.0	102	90.5	112			
Sample ID: 0811259-01a MS		*MS*			Batch ID: **R31254**		Analysis Date: 11/18/2008 11:35:42 PM		
[illegible]zene	22.90	µg/L	1.0	115	84.9	122			
[illegible]ene	18.70	µg/L	1.0	93.5	80.3	114			
Chlorobenzene	18.18	µg/L	1.0	90.9	71.9	134			
1,1-Dichloroethene	24.28	µg/L	1.0	121	88	144			
Trichloroethene (TCE)	22.43	µg/L	1.0	112	87.1	114			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 11/18/2008

Work Order Number 0811259 | Received by: TLS

Checklist completed by: [signature] Signature | 11/18/08 Date | Sample ID labels checked by: TS Initials

Matrix: | Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☐		Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☐	No ☐	N/A ☑	
Water - pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	
Container/Temp Blank temperature?	5°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Gallup Refinery

Mailing Address: Rt 3 Box 7

Phone #: 505 722 3833

email or Fax#: 505 722 0210

QA/QC Package:
- [X] Standard
- [ ] Level 4 (Full Validation)
- [ ] Other
- [ ] EDD (Type)

Turn-Around Time:
- [X] Standard
- [ ] Rush

Project Name: 2008 4th Qtr OCD Samples

Project #: OW-13, 29

Project Manager: G. Rojen

Sampler: Johnson

On Ice: [X] Yes [ ] No

Sample Temperature: 4°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0811257	Analysis Request: BTEX + MTBE + TMB's (8021B)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
11-13-08	1400	H_2O	OW-13			1	X									X						
11-14-08	1050	H_2O	OW-29			2	X									X						
			TRIP Blank			3																

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
11-17-08	0830			11/10/08	855	
Date:	Time:	Relinquished by:	Received by:	Date	Time	

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Friday, December 19, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Quarterly Water Samples 4th Qtr. 2008

Order No.: 0812062

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 5 sample(s) on 12/3/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-EP-1
Lab Order:	0812062	**Collection Date:**	12/2/2008 2:00:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	160	3.0		mg/L	1	12/4/2008
Motor Oil Range Organics (MRO)	35	15		mg/L	1	12/4/2008
Surr: DNOP	139	58-140		%REC	1	12/4/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	5.0		mg/L	100	12/8/2008 1:30:23 PM
Surr: BFB	95.6	59.9-122		%REC	100	12/8/2008 1:30:23 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	12	5.0		µg/L	5	12/8/2008 9:11:32 PM
Toluene	85	5.0		µg/L	5	12/8/2008 9:11:32 PM
Ethylbenzene	28	5.0		µg/L	5	12/8/2008 9:11:32 PM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2,4-Trimethylbenzene	120	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,3,5-Trimethylbenzene	41	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Naphthalene	78	10		µg/L	5	12/8/2008 9:11:32 PM
1-Methylnaphthalene	190	20		µg/L	5	12/8/2008 9:11:32 PM
2-Methylnaphthalene	280	20		µg/L	5	12/8/2008 9:11:32 PM
Acetone	1900	500		µg/L	50	12/8/2008 8:41:37 PM
Bromobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Bromodichloromethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Bromoform	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Bromomethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
2-Butanone	95	50		µg/L	5	12/8/2008 9:11:32 PM
Carbon disulfide	ND	50		µg/L	5	12/8/2008 9:11:32 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Chlorobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Chloroethane	ND	10		µg/L	5	12/8/2008 9:11:32 PM
Chloroform	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Chloromethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
2-Chlorotoluene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
4-Chlorotoluene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
cis-1,2-DCE	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	12/8/2008 9:11:32 PM
Dibromochloromethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Dibromomethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
E	Estimated value
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits
MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit
RL	Reporting Limit
S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-EP-1
Lab Order:	0812062	**Collection Date:**	12/2/2008 2:00:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Dichlorodifluoromethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
2,2-Dichloropropane	ND	10		µg/L	5	12/8/2008 9:11:32 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
2-Hexanone	ND	50		µg/L	5	12/8/2008 9:11:32 PM
Isopropylbenzene	6.6	5.0		µg/L	5	12/8/2008 9:11:32 PM
4-Isopropyltoluene	6.7	5.0		µg/L	5	12/8/2008 9:11:32 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	12/8/2008 9:11:32 PM
Methylene Chloride	ND	15		µg/L	5	12/8/2008 9:11:32 PM
n-Butylbenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
n-Propylbenzene	13	5.0		µg/L	5	12/8/2008 9:11:32 PM
sec-Butylbenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Styrene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
tert-Butylbenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	12/8/2008 9:11:32 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
trans-1,2-DCE	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	12/8/2008 9:11:32 PM
Vinyl chloride	ND	5.0		µg/L	5	12/8/2008 9:11:32 PM
Xylenes, Total	210	7.5		µg/L	5	12/8/2008 9:11:32 PM
Surr: 1,2-Dichloroethane-d4	82.1	68.1-123		%REC	5	12/8/2008 9:11:32 PM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	5	12/8/2008 9:11:32 PM
Surr: Dibromofluoromethane	84.6	68.5-119		%REC	5	12/8/2008 9:11:32 PM
Surr: Toluene-d8	89.9	64-131		%REC	5	12/8/2008 9:11:32 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0812062	**Collection Date:**	12/2/2008 2:15:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: **SCC**
Diesel Range Organics (DRO)	120	3.0		mg/L	1	12/4/2008
Motor Oil Range Organics (MRO)	30	15		mg/L	1	12/4/2008
Surr: DNOP	127	58-140		%REC	1	12/4/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: **DAM**
Gasoline Range Organics (GRO)	ND	5.0		mg/L	100	12/8/2008 2:00:45 PM
Surr: BFB	91.6	59.9-122		%REC	100	12/8/2008 2:00:45 PM
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Chloride	350	1.0		mg/L	10	12/4/2008 12:13:40 PM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: **JDC**
4-Chloro-3-methylphenol	ND	100		µg/L	1	12/9/2008
2-Chlorophenol	ND	50		µg/L	1	12/9/2008
2,4-Dichlorophenol	ND	50		µg/L	1	12/9/2008
2,4-Dimethylphenol	87	50		µg/L	1	12/9/2008
4,6-Dinitro-2-methylphenol	ND	250		µg/L	1	12/9/2008
2,4-Dinitrophenol	ND	250		µg/L	1	12/9/2008
2-Methylphenol	550	75		µg/L	1	12/9/2008
3+4-Methylphenol	860	100		µg/L	1	12/9/2008
2-Nitrophenol	ND	75		µg/L	1	12/9/2008
4-Nitrophenol	ND	250		µg/L	1	12/9/2008
Pentachlorophenol	ND	250		µg/L	1	12/9/2008
Phenol	1500	250		µg/L	5	12/9/2008
Surr: 2,4,6-Tribromophenol	67.4	16.6-150		%REC	1	12/9/2008
Surr: 2-Fluorobiphenyl	49.8	19.6-134		%REC	1	12/9/2008
Surr: 2-Fluorophenol	28.6	9.54-113		%REC	1	12/9/2008
Surr: 4-Terphenyl-d14	48.2	22.7-145		%REC	1	12/9/2008
Surr: Nitrobenzene-d5	47.4	14.6-134		%REC	1	12/9/2008
Surr: Phenol-d5	27.7	10.7-80.3		%REC	1	12/9/2008
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	7.0	5.0		µg/L	5	12/9/2008 12:32:49 AM
Toluene	81	5.0		µg/L	5	12/9/2008 12:32:49 AM
Ethylbenzene	30	5.0		µg/L	5	12/9/2008 12:32:49 AM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2,4-Trimethylbenzene	110	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,3,5-Trimethylbenzene	37	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Naphthalene	72	10		µg/L	5	12/9/2008 12:32:49 AM
1-Methylnaphthalene	140	20		µg/L	5	12/9/2008 12:32:49 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0812062	**Collection Date:**	12/2/2008 2:15:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2-Methylnaphthalene	220	20		µg/L	5	12/9/2008 12:32:49 AM
Acetone	1700	200		µg/L	20	12/5/2008 6:15:17 AM
Bromobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Bromodichloromethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Bromoform	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Bromomethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
2-Butanone	100	50		µg/L	5	12/9/2008 12:32:49 AM
Carbon disulfide	ND	50		µg/L	5	12/9/2008 12:32:49 AM
Carbon Tetrachloride	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Chlorobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Chloroethane	ND	10		µg/L	5	12/9/2008 12:32:49 AM
Chloroform	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Chloromethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
2-Chlorotoluene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
4-Chlorotoluene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
cis-1,2-DCE	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	12/9/2008 12:32:49 AM
Dibromochloromethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Dibromomethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Dichlorodifluoromethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,1-Dichloroethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,1-Dichloroethene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2-Dichloropropane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,3-Dichloropropane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
2,2-Dichloropropane	ND	10		µg/L	5	12/9/2008 12:32:49 AM
1,1-Dichloropropene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Hexachlorobutadiene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
2-Hexanone	ND	50		µg/L	5	12/9/2008 12:32:49 AM
Isopropylbenzene	7.3	5.0		µg/L	5	12/9/2008 12:32:49 AM
4-Isopropyltoluene	5.5	5.0		µg/L	5	12/9/2008 12:32:49 AM
4-Methyl-2-pentanone	ND	50		µg/L	5	12/9/2008 12:32:49 AM
Methylene Chloride	ND	15		µg/L	5	12/9/2008 12:32:49 AM
n-Butylbenzene	19	5.0		µg/L	5	12/9/2008 12:32:49 AM
n-Propylbenzene	13	5.0		µg/L	5	12/9/2008 12:32:49 AM
sec-Butylbenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Styrene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
tert-Butylbenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1
Lab Order:	0812062	**Collection Date:**	12/2/2008 2:15:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	12/9/2008 12:32:49 AM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
trans-1,2-DCE	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Trichloroethene (TCE)	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Trichlorofluoromethane	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
1,2,3-Trichloropropane	ND	10		µg/L	5	12/9/2008 12:32:49 AM
Vinyl chloride	ND	5.0		µg/L	5	12/9/2008 12:32:49 AM
Xylenes, Total	230	7.5		µg/L	5	12/9/2008 12:32:49 AM
Surr: 1,2-Dichloroethane-d4	83.7	68.1-123		%REC	5	12/9/2008 12:32:49 AM
Surr: 4-Bromofluorobenzene	96.8	53.2-145		%REC	5	12/9/2008 12:32:49 AM
Surr: Dibromofluoromethane	83.3	68.5-119		%REC	5	12/9/2008 12:32:49 AM
Surr: Toluene-d8	90.2	64-131		%REC	5	12/9/2008 12:32:49 AM
SM4500-H+B: PH						Analyst: KMB
pH	7.62	0.1		pH units	1	12/5/2008

Qualifiers:			
	*	Value exceeds Maximum Contaminant Level	
	E	Estimated value	
	J	Analyte detected below quantitation limits	
	ND	Not Detected at the Reporting Limit	
	S	Spike recovery outside accepted recovery limits	
	B	Analyte detected in the associated Method Blank	
	H	Holding times for preparation or analysis exceeded	
	MCL	Maximum Contaminant Level	
	RL	Reporting Limit	

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-EFF
Lab Order:	0812062	**Collection Date:**	12/2/2008 1:45:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	68	3.0		mg/L	1	12/4/2008
Motor Oil Range Organics (MRO)	29	15		mg/L	1	12/4/2008
Surr: DNOP	126	58-140		%REC	1	12/4/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	20	10		mg/L	200	12/6/2008 7:26:00 AM
Surr: BFB	91.1	59.9-122		%REC	200	12/6/2008 7:26:00 AM
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	12	1.0		mg/L	10	12/4/2008 11:56:15 AM
Chloride	160	1.0		mg/L	10	12/4/2008 11:56:15 AM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	12/4/2008 11:56:15 AM
Nitrogen, Nitrate (As N)	1.2	1.0		mg/L	10	12/4/2008 11:56:15 AM
Phosphorus, Orthophosphate (As P)	ND	5.0		mg/L	10	12/4/2008 11:56:15 AM
Sulfate	510	5.0		mg/L	10	12/4/2008 11:56:15 AM
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	12/9/2008
2-Chlorophenol	ND	50		µg/L	1	12/9/2008
2,4-Dichlorophenol	ND	50		µg/L	1	12/9/2008
2,4-Dimethylphenol	120	50		µg/L	1	12/9/2008
4,6-Dinitro-2-methylphenol	ND	250		µg/L	1	12/9/2008
2,4-Dinitrophenol	ND	250		µg/L	1	12/9/2008
2-Methylphenol	620	75		µg/L	1	12/9/2008
3+4-Methylphenol	3200	500		µg/L	5	12/9/2008
2-Nitrophenol	ND	75		µg/L	1	12/9/2008
4-Nitrophenol	ND	250		µg/L	1	12/9/2008
Pentachlorophenol	ND	250		µg/L	1	12/9/2008
Phenol	6800	500		µg/L	10	12/9/2008
Surr: 2,4,6-Tribromophenol	42.6	16.6-150		%REC	1	12/9/2008
Surr: 2-Fluorobiphenyl	78.9	19.6-134		%REC	1	12/9/2008
Surr: 2-Fluorophenol	37.4	9.54-113		%REC	1	12/9/2008
Surr: 4-Terphenyl-d14	65.1	22.7-145		%REC	1	12/9/2008
Surr: Nitrobenzene-d5	85.3	14.6-134		%REC	1	12/9/2008
Surr: Phenol-d5	29.7	10.7-80.3		%REC	1	12/9/2008
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	1400	50		µg/L	50	12/9/2008 1:02:44 AM
Toluene	3300	50		µg/L	50	12/9/2008 1:02:44 AM
Ethylbenzene	360	50		µg/L	50	12/9/2008 1:02:44 AM
Methyl tert-butyl ether (MTBE)	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2,4-Trimethylbenzene	400	50		µg/L	50	12/9/2008 1:02:44 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-EFF
Lab Order:	0812062	**Collection Date:**	12/2/2008 1:45:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	100	50		µg/L	50	12/9/2008 1:02:44 AM
1,2-Dichloroethane (EDC)	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2-Dibromoethane (EDB)	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Naphthalene	430	100		µg/L	50	12/9/2008 1:02:44 AM
1-Methylnaphthalene	290	200		µg/L	50	12/9/2008 1:02:44 AM
2-Methylnaphthalene	460	200		µg/L	50	12/9/2008 1:02:44 AM
Acetone	4700	500		µg/L	50	12/9/2008 1:02:44 AM
Bromobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Bromodichloromethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Bromoform	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Bromomethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
2-Butanone	ND	500		µg/L	50	12/9/2008 1:02:44 AM
Carbon disulfide	ND	500		µg/L	50	12/9/2008 1:02:44 AM
Carbon Tetrachloride	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Chlorobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Chloroethane	ND	100		µg/L	50	12/9/2008 1:02:44 AM
Chloroform	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Chloromethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
2-Chlorotoluene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
4-Chlorotoluene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
cis-1,2-DCE	ND	50		µg/L	50	12/9/2008 1:02:44 AM
cis-1,3-Dichloropropene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2-Dibromo-3-chloropropane	ND	100		µg/L	50	12/9/2008 1:02:44 AM
Dibromochloromethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Dibromomethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2-Dichlorobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,3-Dichlorobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,4-Dichlorobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Dichlorodifluoromethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,1-Dichloroethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,1-Dichloroethene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2-Dichloropropane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,3-Dichloropropane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
2,2-Dichloropropane	ND	100		µg/L	50	12/9/2008 1:02:44 AM
1,1-Dichloropropene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Hexachlorobutadiene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
2-Hexanone	ND	500		µg/L	50	12/9/2008 1:02:44 AM
Isopropylbenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
4-Isopropyltoluene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
4-Methyl-2-pentanone	ND	500		µg/L	50	12/9/2008 1:02:44 AM
Methylene Chloride	ND	150		µg/L	50	12/9/2008 1:02:44 AM
n-Butylbenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	NAPIS-EFF
Lab Order:	0812062	**Collection Date:**	12/2/2008 1:45:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
sec-Butylbenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Styrene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
tert-Butylbenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,1,1,2-Tetrachloroethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,1,2,2-Tetrachloroethane	ND	100		µg/L	50	12/9/2008 1:02:44 AM
Tetrachloroethene (PCE)	ND	50		µg/L	50	12/9/2008 1:02:44 AM
trans-1,2-DCE	ND	50		µg/L	50	12/9/2008 1:02:44 AM
trans-1,3-Dichloropropene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2,3-Trichlorobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2,4-Trichlorobenzene	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,1,1-Trichloroethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,1,2-Trichloroethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Trichloroethene (TCE)	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Trichlorofluoromethane	ND	50		µg/L	50	12/9/2008 1:02:44 AM
1,2,3-Trichloropropane	ND	100		µg/L	50	12/9/2008 1:02:44 AM
Vinyl chloride	ND	50		µg/L	50	12/9/2008 1:02:44 AM
Xylenes, Total	1900	75		µg/L	50	12/9/2008 1:02:44 AM
Surr: 1,2-Dichloroethane-d4	83.6	68.1-123		%REC	50	12/9/2008 1:02:44 AM
Surr: 4-Bromofluorobenzene	94.9	53.2-145		%REC	50	12/9/2008 1:02:44 AM
Surr: Dibromofluoromethane	89.5	68.5-119		%REC	50	12/9/2008 1:02:44 AM
Surr: Toluene-d8	85.5	64-131		%REC	50	12/9/2008 1:02:44 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	2200	0.010		µmhos/cm	1	12/4/2008
SM4500-H+B: PH						Analyst: KMB
pH	8.63	0.1		pH units	1	12/5/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0812062	**Collection Date:**	12/2/2008 1:30:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	10	3.0		mg/L	1	12/4/2008
Motor Oil Range Organics (MRO)	ND	15		mg/L	1	12/4/2008
Surr: DNOP	130	58-140		%REC	1	12/4/2008
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.50		mg/L	10	12/8/2008 2:31:12 PM
Surr: BFB	101	59.9-122		%REC	10	12/8/2008 2:31:12 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Toluene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Ethylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Naphthalene	ND	2.0		µg/L	1	12/9/2008 1:31:13 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2008 1:31:13 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2008 1:31:13 AM
Acetone	58	10		µg/L	1	12/9/2008 1:31:13 AM
Bromobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Bromoform	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Bromomethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
2-Butanone	ND	10		µg/L	1	12/9/2008 1:31:13 AM
Carbon disulfide	ND	10		µg/L	1	12/9/2008 1:31:13 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Chlorobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Chloroethane	ND	2.0		µg/L	1	12/9/2008 1:31:13 AM
Chloroform	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Chloromethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2008 1:31:13 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Dibromomethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pilot Effluent
Lab Order:	0812062	**Collection Date:**	12/2/2008 1:30:00 PM
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-04	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2008 1:31:13 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
2-Hexanone	ND	10		µg/L	1	12/9/2008 1:31:13 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2008 1:31:13 AM
Methylene Chloride	ND	3.0		µg/L	1	12/9/2008 1:31:13 AM
n-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Styrene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2008 1:31:13 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2008 1:31:13 AM
Vinyl chloride	ND	1.0		µg/L	1	12/9/2008 1:31:13 AM
Xylenes, Total	ND	1.5		µg/L	1	12/9/2008 1:31:13 AM
Surr: 1,2-Dichloroethane-d4	83.1	68.1-123		%REC	1	12/9/2008 1:31:13 AM
Surr: 4-Bromofluorobenzene	96.5	53.2-145		%REC	1	12/9/2008 1:31:13 AM
Surr: Dibromofluoromethane	86.2	68.5-119		%REC	1	12/9/2008 1:31:13 AM
Surr: Toluene-d8	86.3	64-131		%REC	1	12/9/2008 1:31:13 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Trip Blank
Lab Order:	0812062	**Collection Date:**	
Project:	Quarterly Water Samples 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812062-05	**Matrix:**	TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: GASOLINE RANGE						Analyst: DAM
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	12/6/2008 9:27:35 AM
Surr: BFB	85.2	59.9-122		%REC	1	12/6/2008 9:27:35 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Toluene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Ethylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Naphthalene	ND	2.0		µg/L	1	12/5/2008 7:44:12 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 7:44:12 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 7:44:12 AM
Acetone	ND	10		µg/L	1	12/5/2008 7:44:12 AM
Bromobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Bromoform	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Bromomethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
2-Butanone	ND	10		µg/L	1	12/5/2008 7:44:12 AM
Carbon disulfide	ND	10		µg/L	1	12/5/2008 7:44:12 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Chlorobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Chloroethane	ND	2.0		µg/L	1	12/5/2008 7:44:12 AM
Chloroform	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Chloromethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/5/2008 7:44:12 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Dibromomethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Estimated value
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- MCL Maximum Contaminant Level
- ND Not Detected at the Reporting Limit
- RL Reporting Limit
- S Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Date: *19-Dec-08*

CLIENT: Western Refining Southwest, Gallup
Client Sample ID: Trip Blank
Lab Order: 0812062
Collection Date:
Project: Quarterly Water Samples 4th Qtr. 2008
Date Received: 12/3/2008
Lab ID: 0812062-05
Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
2,2-Dichloropropane	ND	2.0		µg/L	1	12/5/2008 7:44:12 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
2-Hexanone	ND	10		µg/L	1	12/5/2008 7:44:12 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/5/2008 7:44:12 AM
Methylene Chloride	ND	3.0		µg/L	1	12/5/2008 7:44:12 AM
n-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Styrene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/5/2008 7:44:12 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/5/2008 7:44:12 AM
Vinyl chloride	ND	1.0		µg/L	1	12/5/2008 7:44:12 AM
Xylenes, Total	ND	1.5		µg/L	1	12/5/2008 7:44:12 AM
Surr: 1,2-Dichloroethane-d4	106	68.1-123		%REC	1	12/5/2008 7:44:12 AM
Surr: 4-Bromofluorobenzene	106	53.2-145		%REC	1	12/5/2008 7:44:12 AM
Surr: Dibromofluoromethane	109	68.5-119		%REC	1	12/5/2008 7:44:12 AM
Surr: Toluene-d8	101	64-131		%REC	1	12/5/2008 7:44:12 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0812062
Order: 08120149 HAL03 Receipt: 12-04-08

William P. Blava: President of Assalgal Analytical Laboratories, Inc.

Sample: *0812062-02D EP-1* Collected: *12-02-08 14:15:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120149-001A		EPA 410.1 Chemical Oxygen Demand						By: ECC		
WCOD-08-050	WC.2008.3305.14	C-004	Chemical Oxygen Demand	840	mg/L	1	10		12-17-08	12-18-08

Sample: *0812062-02E EP-1* Collected: *12-02-08 14:15:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120149-002A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080141	WC.2008.3231.4	10-26-4	Biochemical Oxygen Demand	231	mg/L	1	4	H	12-05-08	12-10-08

Sample: *0812062-04B PILOT EFFLUENT* Collected: *12-02-08 13:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120149-003A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080141	WC.2008.3231.12	10-26-4	Biochemical Oxygen Demand	336	mg/L	1	4	H	12-05-08	12-10-08

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0812062**
Order: **08120149** **HAL03** Receipt: **12-04-08**

Sample: ***0812062-04C PILOT EFFLUENT*** Collected: *12-02-08 13:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120149-004A		**EPA 410.1 Chemical Oxygen Demand**						By: ECC		
WCOD-08-050	WC.2008.3305.15	C-004	Chemical Oxygen Demand	642	mg/L	1	10		12-17-08	12-18-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

ENVIRONMENTAL SCIENCE CORP.

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Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 14, 2008

ESC Sample # : L378043-01

Date Received : December 05, 2008
Description :

Site ID :

Sample ID : AL-2-EP-1

Project # : 0812062

Collected By :
Collection Date : 12/02/08 14:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00048	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/13/08	1
Barium	0.20	0.0050	mg/l	6010B	12/13/08	1
Cadmium	BDL	0.0050	mg/l	6010B	12/13/08	1
Chromium	BDL	0.010	mg/l	6010B	12/13/08	1
Copper	BDL	0.020	mg/l	6010B	12/13/08	1
Iron	6.8	0.10	mg/l	6010B	12/13/08	1
Lead	BDL	0.0050	mg/l	6010B	12/13/08	1
Manganese	0.40	0.010	mg/l	6010B	12/13/08	1
Selenium	0.034	0.020	mg/l	6010B	12/13/08	1
Silver	BDL	0.010	mg/l	6010B	12/13/08	1
Zinc	0.59	0.030	mg/l	6010B	12/13/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 12/14/08 08:33 Printed: 12/14/08 08:33

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REPORT OF ANALYSIS

December 14, 2008

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

ESC Sample # : L378043-02

Date Received : December 05, 2008
Description :

Site ID :

Sample ID : NAPIS-EFF

Project # : 0812062

Collected By :
Collection Date : 12/02/08 13:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	0.00026	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/13/08	1
Barium	0.11	0.0050	mg/l	6010B	12/13/08	1
Cadmium	BDL	0.0050	mg/l	6010B	12/13/08	1
Chromium	BDL	0.010	mg/l	6010B	12/13/08	1
Copper	BDL	0.020	mg/l	6010B	12/13/08	1
Iron	1.8	0.10	mg/l	6010B	12/13/08	1
Lead	BDL	0.0050	mg/l	6010B	12/13/08	1
Manganese	0.17	0.010	mg/l	6010B	12/13/08	1
Selenium	BDL	0.020	mg/l	6010B	12/13/08	1
Silver	BDL	0.010	mg/l	6010B	12/13/08	1
Zinc	0.23	0.030	mg/l	6010B	12/13/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

December 14, 2008

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

ESC Sample # : L378043-03

Date Received : December 05, 2008
Description :

Site ID :

Sample ID : PILOT EFFLUENT

Project # : 0812062

Collected By :
Collection Date : 12/02/08 13:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/13/08	1
Barium	0.021	0.0050	mg/l	6010B	12/13/08	1
Cadmium	BDL	0.0050	mg/l	6010B	12/13/08	1
Calcium	220	0.50	mg/l	6010B	12/13/08	1
Chromium	BDL	0.010	mg/l	6010B	12/13/08	1
Copper	0.040	0.020	mg/l	6010B	12/13/08	1
Iron	0.36	0.10	mg/l	6010B	12/13/08	1
Lead	BDL	0.0050	mg/l	6010B	12/13/08	1
Magnesium	51.	0.10	mg/l	6010B	12/13/08	1
Manganese	0.086	0.010	mg/l	6010B	12/13/08	1
Potassium	31.	0.50	mg/l	6010B	12/13/08	1
Selenium	BDL	0.020	mg/l	6010B	12/13/08	1
Silver	BDL	0.010	mg/l	6010B	12/13/08	1
Sodium	260	0.50	mg/l	6010B	12/13/08	1
Zinc	0.068	0.030	mg/l	6010B	12/13/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 12/14/08 08:33 Printed: 12/14/08 08:33

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L378043-03	WG397608	SAMP	Sodium	R560925	B

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
B	(EPA) - The indicated compound was found in the associated method blank as well as the laboratory sample.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
12/14/08 at 08:33:31

TSR Signing Reports: 288
R5 - Desired TAT

DO NOT USE Lab Id's as sample name. Use Client Sample ID names Dissolved metals are field filtered unless otherwise noted

Sample: L378043-01 Account: HALLENVANM Received: 12/05/08 09:00 Due Date: 12/12/08 00:00 RPT Date: 12/14/08 08:33

Sample: L378043-02 Account: HALLENVANM Received: 12/05/08 09:00 Due Date: 12/12/08 00:00 RPT Date: 12/14/08 08:33
Add total Ca, Mg, K and Na
Sample: L378043-03 Account: HALLENVANM Received: 12/05/08 09:00 Due Date: 12/12/08 00:00 RPT Date: 12/14/08 08:33

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Albuquerque, NM 87109

Quality Assurance Report
Level II

L378043

December 14, 2008

[Laboratory Blank]

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Mercury	< .0002	mg/l			WG397127	12/07/08 16:39
Arsenic	< .02	mg/l			WG397608	12/13/08 00:25
Barium	< .005	mg/l			WG397608	12/13/08 00:25
Cadmium	< .005	mg/l			WG397608	12/13/08 00:25
Calcium	< .5	mg/l			WG397608	12/13/08 00:25
Chromium	< .01	mg/l			WG397608	12/13/08 00:25
Copper	< .02	mg/l			WG397608	12/13/08 00:25
Iron	< .1	mg/l			WG397608	12/13/08 00:25
Lead	< .005	mg/l			WG397608	12/13/08 00:25
Magnesium	< .1	mg/l			WG397608	12/13/08 00:25
Manganese	< .01	mg/l			WG397608	12/13/08 00:25
Potassium	< .5	mg/l			WG397608	12/13/08 00:25
Selenium	< .02	mg/l			WG397608	12/13/08 00:25
Silver	< .01	mg/l			WG397608	12/13/08 00:25
Sodium	0.873	mg/l			WG397608	12/13/08 00:25
Zinc	< .03	mg/l			WG397608	12/13/08 00:25

[Duplicate]

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Mercury	mg/l	0.00	0.00	0.00	20	L378095-08	WG397127
Arsenic	mg/l	0.00	0.00660	NA*	20	L378105-02	WG397608
Barium	mg/l	0.0112	0.0109	2.71	20	L378105-02	WG397608
Cadmium	mg/l	0.00	0.00016	NA*	20	L378105-02	WG397608
Calcium	mg/l	149.	148.	0.673	20	L378105-02	WG397608
Chromium	mg/l	0.00	0.00	0.00	20	L378105-02	WG397608
Copper	mg/l	0.00	0.00	0.00	20	L378105-02	WG397608
Iron	mg/l	3.48	3.50	0.573	20	L378105-02	WG397608
Lead	mg/l	0.00	0.00	0.00	20	L378105-02	WG397608
Magnesium	mg/l	3.71	3.67	1.08	20	L378105-02	WG397608
Manganese	mg/l	0.742	0.740	0.270	20	L378105-02	WG397608
Potassium	mg/l	0.910	0.942	3.43	20	L378105-02	WG397608
Selenium	mg/l	0.00	0.00650	NA*	20	L378105-02	WG397608
Silver	mg/l	0.0157	0.00500	103.*	20	L378105-02	WG397608
Sodium	mg/l	10.8	10.8	0.769	20	L378105-02	WG397608
Zinc	mg/l	0.00	0.0232	NA*	20	L378105-02	WG397608

[Laboratory Control Sample]

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Mercury	mg/l	0.003	0.00285	95.0	85-115	WG397127
Arsenic	mg/l	1.13	1.06	93.8	85-115	WG397608
Barium	mg/l	1.13	1.12	99.1	85-115	WG397608
Cadmium	mg/l	1.13	1.10	97.3	85-115	WG397608
Calcium	mg/l	11.3	11.0	97.3	85-115	WG397608
Chromium	mg/l	1.13	1.08	96.1	85-115	WG397608
Copper	mg/l	1.13	1.09	96.5	85-115	WG397608
Iron	mg/l	1.13	1.16	103.	85-115	WG397608
Lead	mg/l	1.13	1.08	95.6	85-115	WG397608
Magnesium	mg/l	11.3	11.2	99.1	85-115	WG397608
Manganese	mg/l	1.13	1.09	96.5	85-115	WG397608
Potassium	mg/l	11.3	11.5	102.	85-115	WG397608

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L378043

December 14, 2008

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Laboratory Control Sample						
Selenium	mg/l	1.13	1.01	89.4	85-115	WG397608
Silver	mg/l	1.13	1.06	93.8	85-115	WG397608
Sodium	mg/l	11.3	12.4	110.	85-115	WG397608
Zinc	mg/l	1.13	1.08	95.6	85-115	WG397608

Analyte	Units	MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Matrix Spike								
Mercury	mg/l	0.0003	0.00000	0.00100	30.0	70-130	L378096-08	WG397127
Arsenic	mg/l	1.07	0.006	1.13	94.1	75-125	L378105-02	WG397608
Barium	mg/l	1.12	0.0101	1.13	98.2	75-125	L378105-02	WG397608
Cadmium	mg/l	1.11	0.000	1.13	98.2	75-125	L378105-02	WG397608
Calcium	mg/l	157.	148.	11.3	79.6	75-125	L378105-02	WG397608
Chromium	mg/l	1.05	0.00	1.13	92.9	75-125	L378105-02	WG397608
Copper	mg/l	1.12	0.00	1.13	99.1	75-125	L378105-02	WG397608
Iron	mg/l	4.64	3.50	1.13	101.	75-125	L378105-02	WG397608
Lead	mg/l	1.07	0.000	1.13	94.7	75-125	L378105-02	WG397608
Magnesium	mg/l	14.8	3.67	11.3	98.5	75-125	L378105-02	WG397608
Manganese	mg/l	1.83	0.740	1.13	96.5	75-125	L378105-02	WG397608
Potassium	mg/l	12.2	0.942	11.3	99.8	75-125	L378105-02	WG397608
Selenium	mg/l	1.01	0.006	1.13	88.8	75-125	L378105-02	WG397608
Silver	mg/l	0.248	0.005	1.13	21.5*	75-125	L378105-02	WG397608
Sodium	mg/l	21.5	10.0	11.3	102.	75-125	L378105-02	WG397608
Zinc	mg/l	1.11	0.023	1.13	96.2	75-125	L378105-02	WG397608

Analyte	Units	MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Matrix Spike Duplicate									
Mercury	mg/l	0.0003	0.00000	104.	70-130	4.24	20*	L378096-08	WG397127
Arsenic	mg/l	1.08	1.07	95.0	75-125	0.93	20	L378105-02	WG397608
Barium	mg/l	1.14	1.12	99.9	75-125	1.77	20	L378105-02	WG397608
Cadmium	mg/l	1.11	1.11	98.2	75-125	0.00	20	L378105-02	WG397608
Calcium	mg/l	156.	157.	70.79	75-125	0.63	20	L378105-02	WG397608
Chromium	mg/l	1.08	1.05	95.6	75-125	2.82	20	L378105-02	WG397608
Copper	mg/l	1.14	1.12	101.	75-125	1.77	20	L378105-02	WG397608
Iron	mg/l	4.68	4.64	104.	75-125	0.85	20	L378105-02	WG397608
Lead	mg/l	1.08	1.07	95.6	75-125	0.93	20	L378105-02	WG397608
Magnesium	mg/l	14.8	14.8	98.5	75-125	0.00	20	L378105-02	WG397608
Manganese	mg/l	1.86	1.83	99.1	75-125	1.63	20	L378105-02	WG397608
Potassium	mg/l	12.3	12.2	106.	75-125	0.858	20	L378105-02	WG397608
Selenium	mg/l	1.02	1.01	89.7	75-125	0.98	20	L378105-02	WG397608
Silver	mg/l	0.26	0.24	22.74	75-125	5.49	20	L378105-02	WG397608
Sodium	mg/l	22.6	21.5	111.	75-125	4.55	20	L378105-02	WG397608
Zinc	mg/l	1.11	1.11	96.2	75-125	0.00	20	L378105-02	WG397608

Batch number /Run number / Sample number cross reference

WG397127: R554467: L378043-01 02 03
WG397608: R560925 R560926: L378043-02 03 01

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L378043

December 14, 2008

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID: R31476		Analysis Date: 12/4/2008 7:35:07 AM		
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID: R31476		Analysis Date: 12/4/2008 7:52:32 AM		
Fluoride	0.5170	mg/L	0.10	103	90	110			
Chloride	4.732	mg/L	0.10	94.6	90	110			
Nitrogen, Nitrite (As N)	0.9812	mg/L	0.10	98.1	90	110			
Nitrogen, Nitrate (As N)	2.416	mg/L	0.10	96.6	90	110			
Phosphorus, Orthophosphate (As P)	4.933	mg/L	0.50	98.7	90	110			
Sulfate	9.850	mg/L	0.50	98.5	90	110			
Method: EPA Method 8015B: Diesel Range									
Sample ID: MB-17780		*MBLK*			Batch ID: 17780		Analysis Date: 12/4/2008		
Diesel Range Organics (DRO)	ND	mg/L	1.0						
Motor Oil Range Organics (MRO)	ND	mg/L	5.0						
Sample ID: LCS-17780		*LCS*			Batch ID: 17780		Analysis Date: 12/4/2008		
Diesel Range Organics (DRO)	5.948	mg/L	1.0	119	74	157			
Sample ID: LCSD-17780		*LCSD*			Batch ID: 17780		Analysis Date: 12/4/2008		
Diesel Range Organics (DRO)	6.288	mg/L	1.0	126	74	157	5.55	23	
Method: EPA Method 8015B: Gasoline Range									
Sample ID: 5ML RB		*MBLK*			Batch ID: R31504		Analysis Date: 12/5/2008 9:39:15 AM		
Gasoline Range Organics (GRO)	ND	mg/L	0.050						
Sample ID: 2.5UG GRO LCS		*LCS*			Batch ID: R31504		Analysis Date: 12/6/2008 4:23:42 AM		
Gasoline Range Organics (GRO)	0.5210	mg/L	0.050	104	80	115			
Sample ID: 2.5UG GRO LCSD		*LCSD*			Batch ID: R31504		Analysis Date: 12/6/2008 4:54:05 AM		
Gasoline Range Organics (GRO)	0.5006	mg/L	0.050	100	80	115	3.99	8.39	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17812		*MBLK*			Batch ID: **17812**		Analysis Date:		12/9/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
Sample ID: lcs-17812		*LCS*			Batch ID: **17812**		Analysis Date:		12/9/2008
4-Chloro-3-methylphenol	110.7	µg/L	10	55.4	15.4	119			
2-Chlorophenol	115.2	µg/L	10	55.3	12.2	122			
4-Nitrophenol	49.14	µg/L	10	24.6	12.5	87.4			
Pentachlorophenol	95.68	µg/L	20	47.8	3.55	114			
Phenol	60.06	µg/L	10	30.0	7.53	73.1			
Sample ID: lcsd-17812		*LCSD*			Batch ID: **17812**		Analysis Date:		12/9/2008
4-Chloro-3-methylphenol	104.9	µg/L	10	52.5	15.4	119	5.40	28.6	
2-Chlorophenol	103.7	µg/L	10	49.6	12.2	122	10.5	107	
4-Nitrophenol	34.54	µg/L	10	17.3	12.5	87.4	34.9	36.3	
Pentachlorophenol	77.24	µg/L	20	38.6	3.55	114	21.3	49	
Phenol	57.84	µg/L	10	28.9	7.53	73.1	3.77	52.4	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Method: EPA Method 8260B: VOLATILES
Sample ID: b3 *MBLK* Batch ID: R31477 Analysis Date: 12/4/2008 11:53:30 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
arbon disulfide	ND	µg/L	10
bon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: **R31477**		Analysis Date:	12/4/2008 11:53:30 PM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
chlorofluoromethane	ND	µg/L	1.0						
3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 1:43:50 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
loroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 1:43:50 PM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1-Dichloropropene	ND	µg/L	1.0						
achlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
ample ID: b6		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 11:46:23 PM	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Method: EPA Method 8260B: VOLATILES
Sample ID: b6 *MBLK* Batch ID: R31510 Analysis Date: 12/5/2008 11:46:23 PM

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b6		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 11:46:23 PM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
chlorofluoromethane	ND	µg/L	1.0						
3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31528**		Analysis Date:	12/8/2008 8:51:10 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
hloroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31528**		Analysis Date:	12/8/2008 8:51:10 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1-Dichloropropene	ND	µg/L	1.0						
xachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b4		*MBLK*			Batch ID: **R31528**		Analysis Date:	12/9/2008 12:02:54 AM	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b4		*MBLK*			Batch ID: R31528		Analysis Date: 12/9/2008 12:02:54 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b4		*MBLK*			Batch ID: **R31528**		Analysis Date:	12/9/2008 12:02:54 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
ichlorofluoromethane	ND	µg/L	1.0						
3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31477**		Analysis Date:	12/5/2008 1:20:30 AM	
Benzene	20.78	µg/L	1.0	104	88	116			
Toluene	18.06	µg/L	1.0	90.3	82.9	112			
Chlorobenzene	17.88	µg/L	1.0	89.4	71.4	133			
1,1-Dichloroethene	21.17	µg/L	1.0	106	97.9	140			
Trichloroethene (TCE)	19.05	µg/L	1.0	95.3	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31510**		Analysis Date:	12/5/2008 2:54:42 PM	
Benzene	19.84	µg/L	1.0	99.2	88	116			
Toluene	17.30	µg/L	1.0	85.5	82.9	112			
Chlorobenzene	17.06	µg/L	1.0	85.3	71.4	133			
1,1-Dichloroethene	21.47	µg/L	1.0	107	97.9	140			
Trichloroethene (TCE)	19.37	µg/L	1.0	96.9	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31510**		Analysis Date:	12/6/2008 12:44:25 AM	
Benzene	21.14	µg/L	1.0	106	88	116			
Toluene	17.86	µg/L	1.0	88.3	82.9	112			
Chlorobenzene	18.08	µg/L	1.0	90.4	71.4	133			
1,1-Dichloroethene	20.54	µg/L	1.0	103	97.9	140			
Trichloroethene (TCE)	19.77	µg/L	1.0	98.9	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31528**		Analysis Date:	12/8/2008 9:58:33 AM	
Benzene	18.87	µg/L	1.0	94.4	88	116			
Toluene	17.76	µg/L	1.0	88.8	82.9	112			
hlorobenzene	19.37	µg/L	1.0	96.8	71.4	133			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Quarterly Water Samples 4th Qtr. 2008 **Work Order:** 0812062

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31528**		Analysis Date:	12/8/2008 9:58:33 AM	
1,1-Dichloroethene	21.09	µg/L	1.0	105	97.9	140			
Trichloroethene (TCE)	18.40	µg/L	1.0	92.0	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID: **R31528**		Analysis Date:	12/8/2008 10:37:17 PM	
Benzene	18.98	µg/L	1.0	94.9	88	116			
Toluene	16.60	µg/L	1.0	83.0	82.9	112			
Chlorobenzene	18.51	µg/L	1.0	92.6	71.4	133			
1,1-Dichloroethene	20.62	µg/L	1.0	103	97.9	140			
Trichloroethene (TCE)	18.53	µg/L	1.0	92.7	90.5	112			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 12/3/2008

Work Order Number 0812062 Received by: AT

Checklist completed by: _____ 12/3/08 Sample ID labels checked by: _____

Signature Date Initials

Matrix: Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	4°	*<6° C Acceptable* If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup

Mailing Address: Route 3 Box 7 Gallup, NM 87301

Phone #: 505 722 3833

email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: Quarterly Water Samples 4th Qtr. 2008

Project #:

Project Manager: Jamar Rojen

Sampler: Cheryl Johnson

On Ice: ☒ Yes ☐ No

Sample Temperature: 4

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0812-062	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	~~TPH (Method 418.1)~~ pH	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals WQCC Fld	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD - COD	Gen Chem	Chloride - 300.1	Phenol by 8270	Air Bubbles (Y or N)
12-2-08	1400	H_2O	AL-2 - EP-1			-1			X				X			X						
"	1415	"	EP-1			-2			X	X						X		X		X	X	
"	1345	"	NAPIS-EFF			-3			X				X			X	X		X			
"	1330	"	Pilot Effluent			-4			X				X			X		X				
			Trip Blank			-5			X							X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
12-3-08	1130	Steve Hoob		12/3/08	1130
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Gen Chem = Cations, Anions, pH, and conductivity.

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, December 29, 2008

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: Evaporation Ponds 1 thru 8 4th Qtr. 2008

Order No.: 0812045

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 16 sample(s) on 12/3/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc. **Date:** *29-Dec-08*

CLIENT: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008
Lab Order: 0812045

CASE NARRATIVE

Analytical Comments for METHOD 8260_W, SAMPLE 0812045-13a: pH=7.0 Analytical Comments for METHOD 8260_W, SAMPLE 0812045-16a: pH=7.0

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 1
Lab Order:	0812045	**Collection Date:**	12/2/2008 2:15:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-09	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: **RAGS**
Fluoride	110	5.0		mg/L	50	12/3/2008 10:00:35 PM
Chloride	360	1.0		mg/L	10	12/3/2008 9:43:11 PM
Nitrogen, Nitrite (As N)	ND	1.0		mg/L	10	12/3/2008 9:43:11 PM
Nitrogen, Nitrate (As N)	ND	1.0		mg/L	10	12/3/2008 9:43:11 PM
Phosphorus, Orthophosphate (As P)	7.2	5.0		mg/L	10	12/3/2008 9:43:11 PM
Sulfate	780	25		mg/L	50	12/3/2008 10:00:35 PM
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
Benzene	8.3	5.0		µg/L	5	12/9/2008 3:16:59 PM
Toluene	89	5.0		µg/L	5	12/9/2008 3:16:59 PM
Ethylbenzene	33	5.0		µg/L	5	12/9/2008 3:16:59 PM
Methyl tert-butyl ether (MTBE)	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2,4-Trimethylbenzene	130	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,3,5-Trimethylbenzene	46	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Naphthalene	74	10		µg/L	5	12/9/2008 3:16:59 PM
1-Methylnaphthalene	140	20		µg/L	5	12/9/2008 3:16:59 PM
2-Methylnaphthalene	220	20		µg/L	5	12/9/2008 3:16:59 PM
Acetone	1000	200		µg/L	20	12/9/2008 6:17:43 AM
Bromobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Bromodichloromethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Bromoform	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Bromomethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
2-Butanone	94	50		µg/L	5	12/9/2008 3:16:59 PM
Carbon disulfide	ND	50		µg/L	5	12/9/2008 3:16:59 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Chlorobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Chloroethane	ND	10		µg/L	5	12/9/2008 3:16:59 PM
Chloroform	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Chloromethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
2-Chlorotoluene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
4-Chlorotoluene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
cis-1,2-DCE	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	12/9/2008 3:16:59 PM
Dibromochloromethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Dibromomethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 1
Lab Order:	0812045	**Collection Date:**	12/2/2008 2:15:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-09	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloroethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
2,2-Dichloropropane	ND	10		µg/L	5	12/9/2008 3:16:59 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
2-Hexanone	ND	50		µg/L	5	12/9/2008 3:16:59 PM
Isopropylbenzene	8.1	5.0		µg/L	5	12/9/2008 3:16:59 PM
4-Isopropyltoluene	7.2	5.0		µg/L	5	12/9/2008 3:16:59 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	12/9/2008 3:16:59 PM
Methylene Chloride	ND	15		µg/L	5	12/9/2008 3:16:59 PM
n-Butylbenzene	21	5.0		µg/L	5	12/9/2008 3:16:59 PM
n-Propylbenzene	15	5.0		µg/L	5	12/9/2008 3:16:59 PM
sec-Butylbenzene	6.4	5.0		µg/L	5	12/9/2008 3:16:59 PM
Styrene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
tert-Butylbenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	12/9/2008 3:16:59 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
trans-1,2-DCE	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	12/9/2008 3:16:59 PM
Vinyl chloride	ND	5.0		µg/L	5	12/9/2008 3:16:59 PM
Xylenes, Total	260	7.5		µg/L	5	12/9/2008 3:16:59 PM
Surr: 1,2-Dichloroethane-d4	87.5	68.1-123		%REC	5	12/9/2008 3:16:59 PM
Surr: 4-Bromofluorobenzene	103	53.2-145		%REC	5	12/9/2008 3:16:59 PM
Surr: Dibromofluoromethane	90.3	68.5-119		%REC	5	12/9/2008 3:16:59 PM
Surr: Toluene-d8	92.0	64-131		%REC	5	12/9/2008 3:16:59 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	4400	0.010		µmhos/cm	1	12/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.76	0.1		pH units	1	12/3/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 2
Lab Order:	0812045	**Collection Date:**	12/2/2008 2:30:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	37	2.0		mg/L	20	12/3/2008 10:18:00 PM
Chloride	1800	20		mg/L	200	12/3/2008 10:35:24 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	12/3/2008 10:18:00 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	12/3/2008 10:18:00 PM
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	12/3/2008 10:18:00 PM
Sulfate	1000	10		mg/L	20	12/3/2008 10:18:00 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	1.8	1.0		µg/L	1	12/9/2008 6:46:12 AM
Toluene	20	1.0		µg/L	1	12/9/2008 6:46:12 AM
Ethylbenzene	7.2	1.0		µg/L	1	12/9/2008 6:46:12 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2,4-Trimethylbenzene	28	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,3,5-Trimethylbenzene	9.7	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Naphthalene	16	2.0		µg/L	1	12/9/2008 6:46:12 AM
1-Methylnaphthalene	37	4.0		µg/L	1	12/9/2008 6:46:12 AM
2-Methylnaphthalene	53	4.0		µg/L	1	12/9/2008 6:46:12 AM
Acetone	650	100		µg/L	10	12/9/2008 3:47:00 PM
Bromobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Bromoform	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Bromomethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
2-Butanone	72	10		µg/L	1	12/9/2008 6:46:12 AM
Carbon disulfide	26	10		µg/L	1	12/9/2008 6:46:12 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Chlorobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Chloroethane	ND	2.0		µg/L	1	12/9/2008 6:46:12 AM
Chloroform	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Chloromethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2008 6:46:12 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Dibromomethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 2
Lab Order:	0812045	**Collection Date:**	12/2/2008 2:30:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-10	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2008 6:46:12 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
2-Hexanone	ND	10		µg/L	1	12/9/2008 6:46:12 AM
Isopropylbenzene	1.8	1.0		µg/L	1	12/9/2008 6:46:12 AM
4-Isopropyltoluene	1.5	1.0		µg/L	1	12/9/2008 6:46:12 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2008 6:46:12 AM
Methylene Chloride	ND	3.0		µg/L	1	12/9/2008 6:46:12 AM
n-Butylbenzene	4.1	1.0		µg/L	1	12/9/2008 6:46:12 AM
n-Propylbenzene	3.0	1.0		µg/L	1	12/9/2008 6:46:12 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Styrene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2008 6:46:12 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2008 6:46:12 AM
Vinyl chloride	ND	1.0		µg/L	1	12/9/2008 6:46:12 AM
Xylenes, Total	57	1.5		µg/L	1	12/9/2008 6:46:12 AM
Surr: 1,2-Dichloroethane-d4	85.9	68.1-123		%REC	1	12/9/2008 6:46:12 AM
Surr: 4-Bromofluorobenzene	96.4	53.2-145		%REC	1	12/9/2008 6:46:12 AM
Surr: Dibromofluoromethane	91.2	68.5-119		%REC	1	12/9/2008 6:46:12 AM
Surr: Toluene-d8	92.5	64-131		%REC	1	12/9/2008 6:46:12 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	8500	0.010		µmhos/cm	1	12/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.80	0.1		pH units	1	12/3/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 3
Lab Order:	0812045	**Collection Date:**	12/2/2008 2:45:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	26	2.0		mg/L	20	12/3/2008 10:52:49 PM
Chloride	1800	20		mg/L	200	12/3/2008 11:10:14 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	12/3/2008 10:52:49 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	12/3/2008 10:52:49 PM
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	12/3/2008 10:52:49 PM
Sulfate	980	10		mg/L	20	12/3/2008 10:52:49 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	1.1	1.0		µg/L	1	12/9/2008 8:13:05 AM
Toluene	12	1.0		µg/L	1	12/9/2008 8:13:05 AM
Ethylbenzene	4.3	1.0		µg/L	1	12/9/2008 8:13:05 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2,4-Trimethylbenzene	18	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,3,5-Trimethylbenzene	6.5	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Naphthalene	11	2.0		µg/L	1	12/9/2008 8:13:05 AM
1-Methylnaphthalene	24	4.0		µg/L	1	12/9/2008 8:13:05 AM
2-Methylnaphthalene	35	4.0		µg/L	1	12/9/2008 8:13:05 AM
Acetone	670	200		µg/L	20	12/9/2008 7:44:37 AM
Bromobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Bromoform	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Bromomethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
2-Butanone	64	10		µg/L	1	12/9/2008 8:13:05 AM
Carbon disulfide	28	10		µg/L	1	12/9/2008 8:13:05 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Chlorobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Chloroethane	ND	2.0		µg/L	1	12/9/2008 8:13:05 AM
Chloroform	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Chloromethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2008 8:13:05 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Dibromomethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 3
Lab Order:	0812045	**Collection Date:**	12/2/2008 2:45:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-11	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2008 8:13:05 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
2-Hexanone	ND	10		µg/L	1	12/9/2008 8:13:05 AM
Isopropylbenzene	1.1	1.0		µg/L	1	12/9/2008 8:13:05 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2008 8:13:05 AM
Methylene Chloride	ND	3.0		µg/L	1	12/9/2008 8:13:05 AM
n-Butylbenzene	2.4	1.0		µg/L	1	12/9/2008 8:13:05 AM
n-Propylbenzene	1.9	1.0		µg/L	1	12/9/2008 8:13:05 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Styrene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2008 8:13:05 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2008 8:13:05 AM
Vinyl chloride	ND	1.0		µg/L	1	12/9/2008 8:13:05 AM
Xylenes, Total	34	1.5		µg/L	1	12/9/2008 8:13:05 AM
Surr: 1,2-Dichloroethane-d4	87.3	68.1-123		%REC	1	12/9/2008 8:13:05 AM
Surr: 4-Bromofluorobenzene	100	53.2-145		%REC	1	12/9/2008 8:13:05 AM
Surr: Dibromofluoromethane	88.9	68.5-119		%REC	1	12/9/2008 8:13:05 AM
Surr: Toluene-d8	91.1	64-131		%REC	1	12/9/2008 8:13:05 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	8500	0.010		µmhos/cm	1	12/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.86	0.1		pH units	1	12/3/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 4
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:00:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-12	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	27	2.0		mg/L	20	12/3/2008 11:27:38 PM
Chloride	2000	20		mg/L	200	12/3/2008 11:45:02 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	12/3/2008 11:27:38 PM
Nitrogen, Nitrate (As N)	ND	2.0		mg/L	20	12/3/2008 11:27:38 PM
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	12/3/2008 11:27:38 PM
Sulfate	1000	10		mg/L	20	12/3/2008 11:27:38 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Toluene	8.0	1.0		µg/L	1	12/5/2008 9:44:19 AM
Ethylbenzene	2.9	1.0		µg/L	1	12/5/2008 9:44:19 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2,4-Trimethylbenzene	13	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,3,5-Trimethylbenzene	4.8	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Naphthalene	7.5	2.0		µg/L	1	12/5/2008 9:44:19 AM
1-Methylnaphthalene	14	4.0		µg/L	1	12/5/2008 9:44:19 AM
2-Methylnaphthalene	21	4.0		µg/L	1	12/5/2008 9:44:19 AM
Acetone	600	50		µg/L	5	12/9/2008 9:11:32 AM
Bromobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Bromoform	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Bromomethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
2-Butanone	43	10		µg/L	1	12/5/2008 9:44:19 AM
Carbon disulfide	34	10		µg/L	1	12/5/2008 9:44:19 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Chlorobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Chloroethane	ND	2.0		µg/L	1	12/5/2008 9:44:19 AM
Chloroform	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Chloromethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/5/2008 9:44:19 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Dibromomethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 4
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:00:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-12	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloroethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/5/2008 9:44:19 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
2-Hexanone	ND	10		µg/L	1	12/5/2008 9:44:19 AM
Isopropylbenzene	1.0	1.0		µg/L	1	12/5/2008 9:44:19 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/5/2008 9:44:19 AM
Methylene Chloride	ND	3.0		µg/L	1	12/5/2008 9:44:19 AM
n-Butylbenzene	2.3	1.0		µg/L	1	12/5/2008 9:44:19 AM
n-Propylbenzene	1.8	1.0		µg/L	1	12/5/2008 9:44:19 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Styrene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/5/2008 9:44:19 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/5/2008 9:44:19 AM
Vinyl chloride	ND	1.0		µg/L	1	12/5/2008 9:44:19 AM
Xylenes, Total	22	1.5		µg/L	1	12/5/2008 9:44:19 AM
Surr: 1,2-Dichloroethane-d4	116	68.1-123		%REC	1	12/5/2008 9:44:19 AM
Surr: 4-Bromofluorobenzene	97.9	53.2-145		%REC	1	12/5/2008 9:44:19 AM
Surr: Dibromofluoromethane	127	68.5-119	S	%REC	1	12/5/2008 9:44:19 AM
Surr: Toluene-d8	98.0	64-131		%REC	1	12/5/2008 9:44:19 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	9100	0.010		µmhos/cm	1	12/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.89	0.1		pH units	1	12/3/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 5
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:15:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-13	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	29	2.0		mg/L	20	12/4/2008 12:37:17 AM
Chloride	2900	20		mg/L	200	12/4/2008 12:54:42 AM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	12/15/2008 9:35:42 PM
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	12/4/2008 12:37:17 AM
Sulfate	1200	10		mg/L	20	12/4/2008 12:37:17 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Toluene	2.6	1.0		µg/L	1	12/5/2008 10:13:21 AM
Ethylbenzene	1.0	1.0		µg/L	1	12/5/2008 10:13:21 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2,4-Trimethylbenzene	4.8	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,3,5-Trimethylbenzene	1.9	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Naphthalene	2.5	2.0		µg/L	1	12/5/2008 10:13:21 AM
1-Methylnaphthalene	6.1	4.0		µg/L	1	12/5/2008 10:13:21 AM
2-Methylnaphthalene	8.9	4.0		µg/L	1	12/5/2008 10:13:21 AM
Acetone	200	10		µg/L	1	12/5/2008 10:13:21 AM
Bromobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Bromoform	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Bromomethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
2-Butanone	16	10		µg/L	1	12/5/2008 10:13:21 AM
Carbon disulfide	15	10		µg/L	1	12/5/2008 10:13:21 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Chlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Chloroethane	ND	2.0		µg/L	1	12/5/2008 10:13:21 AM
Chloroform	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Chloromethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/5/2008 10:13:21 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Dibromomethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 5
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:15:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-13	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloroethene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/5/2008 10:13:21 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
2-Hexanone	ND	10		µg/L	1	12/5/2008 10:13:21 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/5/2008 10:13:21 AM
Methylene Chloride	ND	3.0		µg/L	1	12/5/2008 10:13:21 AM
n-Butylbenzene	1.1	1.0		µg/L	1	12/5/2008 10:13:21 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Styrene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/5/2008 10:13:21 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/5/2008 10:13:21 AM
Vinyl chloride	ND	1.0		µg/L	1	12/5/2008 10:13:21 AM
Xylenes, Total	7.2	1.5		µg/L	1	12/5/2008 10:13:21 AM
Surr: 1,2-Dichloroethane-d4	112	68.1-123		%REC	1	12/5/2008 10:13:21 AM
Surr: 4-Bromofluorobenzene	107	53.2-145		%REC	1	12/5/2008 10:13:21 AM
Surr: Dibromofluoromethane	125	68.5-119	S	%REC	1	12/5/2008 10:13:21 AM
Surr: Toluene-d8	95.5	64-131		%REC	1	12/5/2008 10:13:21 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	14000	0.050		µmhos/cm	5	12/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.82	0.1		pH units	1	12/3/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level
E	Estimated value
J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit
S	Spike recovery outside accepted recovery limits
B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded
MCL	Maximum Contaminant Level
RL	Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT: Western Refining Southwest, Gallup
Lab Order: 0812045
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008
Lab ID: 0812045-14

Client Sample ID: Pond 6
Collection Date: 12/2/2008 3:30:00 PM
Date Received: 12/3/2008
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	28	2.0		mg/L	20	12/4/2008 1:12:06 AM
Chloride	5500	20		mg/L	200	12/15/2008 10:10:31 PM
Nitrate (As N)+Nitrite (As N)	ND	4.0		mg/L	20	12/15/2008 9:53:06 PM
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	12/4/2008 1:12:06 AM
Sulfate	7600	100		mg/L	200	12/4/2008 1:29:31 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Toluene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Ethylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2,4-Trimethylbenzene	1.0	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Naphthalene	ND	2.0		µg/L	1	12/5/2008 10:42:22 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 10:42:22 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 10:42:22 AM
Acetone	ND	10		µg/L	1	12/5/2008 10:42:22 AM
Bromobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Bromoform	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Bromomethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
2-Butanone	ND	10		µg/L	1	12/5/2008 10:42:22 AM
Carbon disulfide	ND	10		µg/L	1	12/5/2008 10:42:22 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Chlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Chloroethane	ND	2.0		µg/L	1	12/5/2008 10:42:22 AM
Chloroform	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Chloromethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/5/2008 10:42:22 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Dibromomethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 6
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:30:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-14	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,1-Dichloroethene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/5/2008 10:42:22 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
2-Hexanone	ND	10		µg/L	1	12/5/2008 10:42:22 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/5/2008 10:42:22 AM
Methylene Chloride	ND	3.0		µg/L	1	12/5/2008 10:42:22 AM
n-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Styrene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/5/2008 10:42:22 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/5/2008 10:42:22 AM
Vinyl chloride	ND	1.0		µg/L	1	12/5/2008 10:42:22 AM
Xylenes, Total	ND	1.5		µg/L	1	12/5/2008 10:42:22 AM
Surr: 1,2-Dichloroethane-d4	119	68.1-123		%REC	1	12/5/2008 10:42:22 AM
Surr: 4-Bromofluorobenzene	104	53.2-145		%REC	1	12/5/2008 10:42:22 AM
Surr: Dibromofluoromethane	120	68.5-119	S	%REC	1	12/5/2008 10:42:22 AM
Surr: Toluene-d8	101	64-131		%REC	1	12/5/2008 10:42:22 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: KMB
Specific Conductance	19000	0.050		µmhos/cm	5	12/4/2008
SM4500-H+B: PH						Analyst: KMS
pH	7.70	0.1		pH units	1	12/3/2008

Qualifiers:					
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 7
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:45:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-15	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	35	2.0		mg/L	20	12/4/2008 1:46:56 AM
Chloride	42000	500		mg/L	5000	12/4/2008 2:21:44 AM
Nitrate (As N)+Nitrite (As N)	ND	40		mg/L	200	12/15/2008 10:27:55 PM
Phosphorus, Orthophosphate (As P)	ND	10		mg/L	20	12/4/2008 1:46:56 AM
Sulfate	8300	250		mg/L	500	12/4/2008 2:04:20 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Toluene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Ethylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2,4-Trimethylbenzene	1.3	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Naphthalene	ND	2.0		µg/L	1	12/5/2008 11:11:30 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 11:11:30 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 11:11:30 AM
Acetone	17	10		µg/L	1	12/5/2008 11:11:30 AM
Bromobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Bromoform	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Bromomethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
2-Butanone	ND	10		µg/L	1	12/5/2008 11:11:30 AM
Carbon disulfide	ND	10		µg/L	1	12/5/2008 11:11:30 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Chlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Chloroethane	ND	2.0		µg/L	1	12/5/2008 11:11:30 AM
Chloroform	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Chloromethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/5/2008 11:11:30 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Dibromomethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 7
Lab Order:	0812045	**Collection Date:**	12/2/2008 3:45:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-15	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,1-Dichloroethene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/5/2008 11:11:30 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
2-Hexanone	ND	10		µg/L	1	12/5/2008 11:11:30 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/5/2008 11:11:30 AM
Methylene Chloride	ND	3.0		µg/L	1	12/5/2008 11:11:30 AM
n-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Styrene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/5/2008 11:11:30 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/5/2008 11:11:30 AM
Vinyl chloride	ND	1.0		µg/L	1	12/5/2008 11:11:30 AM
Xylenes, Total	ND	1.5		µg/L	1	12/5/2008 11:11:30 AM
Surr: 1,2-Dichloroethane-d4	118	68.1-123		%REC	1	12/5/2008 11:11:30 AM
Surr: 4-Bromofluorobenzene	105	53.2-145		%REC	1	12/5/2008 11:11:30 AM
Surr: Dibromofluoromethane	122	68.5-119	S	%REC	1	12/5/2008 11:11:30 AM
Surr: Toluene-d8	103	64-131		%REC	1	12/5/2008 11:11:30 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	140000	0.10		µmhos/cm	10	12/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.55	0.1		pH units	1	12/3/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 8
Lab Order:	0812045	**Collection Date:**	12/2/2008 4:00:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-16	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 300.0: ANIONS						Analyst: RAGS
Fluoride	31	5.0		mg/L	50	12/4/2008 2:39:09 AM
Chloride	46000	1000		mg/L	10000	12/4/2008 3:13:58 AM
Nitrate (As N)+Nitrite (As N)	ND	40		mg/L	200	12/15/2008 11:20:10 PM
Phosphorus, Orthophosphate (As P)	ND	25		mg/L	50	12/4/2008 2:39:09 AM
Sulfate	8600	500		mg/L	1000	12/4/2008 2:56:33 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Toluene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Ethylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Naphthalene	ND	2.0		µg/L	1	12/5/2008 11:40:39 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 11:40:39 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	12/5/2008 11:40:39 AM
Acetone	ND	10		µg/L	1	12/5/2008 11:40:39 AM
Bromobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Bromodichloromethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Bromoform	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Bromomethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
2-Butanone	ND	10		µg/L	1	12/5/2008 11:40:39 AM
Carbon disulfide	ND	10		µg/L	1	12/5/2008 11:40:39 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Chlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Chloroethane	ND	2.0		µg/L	1	12/5/2008 11:40:39 AM
Chloroform	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Chloromethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
2-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
4-Chlorotoluene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
cis-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/5/2008 11:40:39 AM
Dibromochloromethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Dibromomethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *29-Dec-08*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	Pond 8
Lab Order:	0812045	**Collection Date:**	12/2/2008 4:00:00 PM
Project:	Evaporation Ponds 1 thru 8 4th Qtr. 2008	**Date Received:**	12/3/2008
Lab ID:	0812045-16	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: **HL**
1,1-Dichloroethene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	12/5/2008 11:40:39 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
2-Hexanone	ND	10		µg/L	1	12/5/2008 11:40:39 AM
Isopropylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	12/5/2008 11:40:39 AM
Methylene Chloride	ND	3.0		µg/L	1	12/5/2008 11:40:39 AM
n-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
n-Propylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
sec-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Styrene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
tert-Butylbenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/5/2008 11:40:39 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
trans-1,2-DCE	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/5/2008 11:40:39 AM
Vinyl chloride	ND	1.0		µg/L	1	12/5/2008 11:40:39 AM
Xylenes, Total	ND	1.5		µg/L	1	12/5/2008 11:40:39 AM
Surr: 1,2-Dichloroethane-d4	114	68.1-123		%REC	1	12/5/2008 11:40:39 AM
Surr: 4-Bromofluorobenzene	108	53.2-145		%REC	1	12/5/2008 11:40:39 AM
Surr: Dibromofluoromethane	117	68.5-119		%REC	1	12/5/2008 11:40:39 AM
Surr: Toluene-d8	98.2	64-131		%REC	1	12/5/2008 11:40:39 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: **KMB**
Specific Conductance	170000	0.10		µmhos/cm	10	12/4/2008
SM4500-H+B: PH						Analyst: **KMS**
pH	7.39	0.1		pH units	1	12/3/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

ESC Sample # : L377985-01

Date Received : December 05, 2008
Description :

Site ID :

Sample ID : POND 1

Project # : 0812045

Collected By :
Collection Date : 12/02/08 14:15

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/12/08	1
Barium	0.098	0.0050	mg/l	6010B	12/12/08	1
Calcium	43.	0.50	mg/l	6010B	12/12/08	1
Chromium	BDL	0.010	mg/l	6010B	12/12/08	1
Copper	BDL	0.020	mg/l	6010B	12/12/08	1
Iron	7.6	0.10	mg/l	6010B	12/12/08	1
Lead	BDL	0.0050	mg/l	6010B	12/12/08	1
Magnesium	16.	0.10	mg/l	6010B	12/12/08	1
Manganese	0.27	0.010	mg/l	6010B	12/12/08	1
Potassium	92.	0.50	mg/l	6010B	12/12/08	1
Selenium	0.041	0.020	mg/l	6010B	12/12/08	1
Silver	BDL	0.010	mg/l	6010B	12/12/08	1
Sodium	590	0.50	mg/l	6010B	12/12/08	1
Zinc	0.36	0.030	mg/l	6010B	12/12/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

ESC Sample # : L377985-02

Site ID :

Project # : 0812045

Date Received : December 05, 2008
Description :

Sample ID : POND 2

Collected By :
Collection Date : 12/02/08 14:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/12/08	1
Barium	0.061	0.0050	mg/l	6010B	12/12/08	1
Calcium	170	0.50	mg/l	6010B	12/12/08	1
Chromium	BDL	0.010	mg/l	6010B	12/12/08	1
Copper	BDL	0.020	mg/l	6010B	12/12/08	1
Iron	2.7	0.10	mg/l	6010B	12/12/08	1
Lead	BDL	0.0050	mg/l	6010B	12/12/08	1
Magnesium	56.	0.10	mg/l	6010B	12/12/08	1
Manganese	0.19	0.010	mg/l	6010B	12/12/08	1
Potassium	75.	0.50	mg/l	6010B	12/12/08	1
Selenium	0.022	0.020	mg/l	6010B	12/12/08	1
Silver	BDL	0.010	mg/l	6010B	12/12/08	1
Sodium	1500	2.5	mg/l	6010B	12/16/08	5
Zinc	0.089	0.030	mg/l	6010B	12/12/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

ESC Sample # : L377985-03

Date Received : December 05, 2008
Description :

Site ID :

Sample ID : POND 3

Project # : 0812045

Collected By :
Collection Date : 12/02/08 14:45

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	0.024	0.020	mg/l	6010B	12/10/08	1
Barium	0.052	0.0050	mg/l	6010B	12/10/08	1
Calcium	140	0.50	mg/l	6010B	12/10/08	1
Chromium	BDL	0.010	mg/l	6010B	12/10/08	1
Copper	BDL	0.020	mg/l	6010B	12/10/08	1
Iron	1.8	0.10	mg/l	6010B	12/10/08	1
Lead	BDL	0.0050	mg/l	6010B	12/10/08	1
Magnesium	52.	0.10	mg/l	6010B	12/10/08	1
Manganese	0.20	0.010	mg/l	6010B	12/10/08	1
Potassium	78.	0.50	mg/l	6010B	12/10/08	1
Selenium	0.026	0.020	mg/l	6010B	12/10/08	1
Silver	BDL	0.010	mg/l	6010B	12/10/08	1
Sodium	1700	2.5	mg/l	6010B	12/10/08	5
Zinc	BDL	0.030	mg/l	6010B	12/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

Date Received : December 05, 2008
Description :

Sample ID : POND 4

Collected By :
Collection Date : 12/02/08 15:00

ESC Sample # : L377985-04

Site ID :

Project # : 0812045

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/10/08	1
Barium	0.057	0.0050	mg/l	6010B	12/10/08	1
Calcium	160	0.50	mg/l	6010B	12/10/08	1
Chromium	BDL	0.010	mg/l	6010B	12/10/08	1
Copper	BDL	0.020	mg/l	6010B	12/10/08	1
Iron	1.4	0.10	mg/l	6010B	12/10/08	1
Lead	BDL	0.0050	mg/l	6010B	12/10/08	1
Magnesium	59.	0.10	mg/l	6010B	12/10/08	1
Manganese	0.20	0.010	mg/l	6010B	12/10/08	1
Potassium	81.	0.50	mg/l	6010B	12/10/08	1
Selenium	0.025	0.020	mg/l	6010B	12/10/08	1
Silver	BDL	0.010	mg/l	6010B	12/10/08	1
Sodium	1700	2.5	mg/l	6010B	12/10/08	5
Zinc	BDL	0.030	mg/l	6010B	12/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

Date Received : December 05, 2008
Description :

Sample ID : POND 5

Collected By :
Collection Date : 12/02/08 15:15

ESC Sample # : L377985-05

Site ID :

Project # : 0812045

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.020	mg/l	6010B	12/10/08	1
Barium	0.084	0.0050	mg/l	6010B	12/10/08	1
Calcium	270	0.50	mg/l	6010B	12/10/08	1
Chromium	BDL	0.010	mg/l	6010B	12/10/08	1
Copper	BDL	0.020	mg/l	6010B	12/10/08	1
Iron	0.90	0.10	mg/l	6010B	12/10/08	1
Lead	BDL	0.0050	mg/l	6010B	12/10/08	1
Magnesium	82.	0.10	mg/l	6010B	12/10/08	1
Manganese	0.26	0.010	mg/l	6010B	12/10/08	1
Potassium	88.	0.50	mg/l	6010B	12/10/08	1
Selenium	0.024	0.020	mg/l	6010B	12/10/08	1
Silver	BDL	0.010	mg/l	6010B	12/10/08	1
Sodium	2200	2.5	mg/l	6010B	12/10/08	5
Zinc	BDL	0.030	mg/l	6010B	12/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

Date Received : December 05, 2008
Description :

Sample ID : POND 6

Collected By :
Collection Date : 12/02/08 15:30

ESC Sample # : L377985-06

Site ID :

Project # : 0812045

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	0.024	0.020	mg/l	6010B	12/10/08	1
Barium	0.12	0.0050	mg/l	6010B	12/10/08	1
Calcium	370	0.50	mg/l	6010B	12/10/08	1
Chromium	BDL	0.010	mg/l	6010B	12/10/08	1
Copper	BDL	0.020	mg/l	6010B	12/10/08	1
Iron	0.30	0.10	mg/l	6010B	12/10/08	1
Lead	BDL	0.0050	mg/l	6010B	12/10/08	1
Magnesium	130	0.10	mg/l	6010B	12/10/08	1
Manganese	0.48	0.010	mg/l	6010B	12/10/08	1
Potassium	160	0.50	mg/l	6010B	12/10/08	1
Selenium	BDL	0.020	mg/l	6010B	12/10/08	1
Silver	BDL	0.010	mg/l	6010B	12/10/08	1
Sodium	3700	2.5	mg/l	6010B	12/10/08	5
Zinc	BDL	0.030	mg/l	6010B	12/10/08	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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SCIENCE CORP.

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

Date Received : December 05, 2008
Description :

Sample ID : POND 7

Collected By :
Collection Date : 12/02/08 15:45

ESC Sample # : L377985-07

Site ID :

Project # : 0812045

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	BDL	0.10	mg/l	6010B	12/10/08	5
Barium	0.14	0.025	mg/l	6010B	12/10/08	5
Calcium	820	2.5	mg/l	6010B	12/10/08	5
Chromium	BDL	0.050	mg/l	6010B	12/10/08	5
Copper	BDL	0.10	mg/l	6010B	12/10/08	5
Iron	BDL	0.50	mg/l	6010B	12/10/08	5
Lead	BDL	0.025	mg/l	6010B	12/10/08	5
Magnesium	1000	0.50	mg/l	6010B	12/10/08	5
Manganese	1.8	0.050	mg/l	6010B	12/10/08	5
Potassium	1500	2.5	mg/l	6010B	12/10/08	5
Selenium	BDL	0.10	mg/l	6010B	12/10/08	5
Silver	BDL	0.050	mg/l	6010B	12/10/08	5
Sodium	28000	25.	mg/l	6010B	12/10/08	50
Zinc	BDL	0.15	mg/l	6010B	12/10/08	5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Anne Thorne
Hall Environmental Analysis Laborat
4901 Hawkins NE
Albuquerque, NM 87109

December 17, 2008

Date Received : December 05, 2008
Description :

Sample ID : POND 8

Collected By :
Collection Date : 12/02/08 16:00

ESC Sample # : L377985-08

Site ID :

Project # : 0812045

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Mercury	BDL	0.00020	mg/l	7470A	12/07/08	1
Arsenic	0.13	0.10	mg/l	6010B	12/10/08	5
Barium	0.15	0.025	mg/l	6010B	12/10/08	5
Calcium	830	2.5	mg/l	6010B	12/10/08	5
Chromium	BDL	0.050	mg/l	6010B	12/10/08	5
Copper	BDL	0.10	mg/l	6010B	12/10/08	5
Iron	BDL	0.50	mg/l	6010B	12/10/08	5
Lead	BDL	0.025	mg/l	6010B	12/10/08	5
Magnesium	1400	0.50	mg/l	6010B	12/10/08	5
Manganese	5.5	0.050	mg/l	6010B	12/10/08	5
Potassium	2300	2.5	mg/l	6010B	12/10/08	5
Selenium	BDL	0.10	mg/l	6010B	12/10/08	5
Silver	BDL	0.050	mg/l	6010B	12/10/08	5
Sodium	33000	25	mg/l	6010B	12/10/08	50
Zinc	BDL	0.15	mg/l	6010B	12/10/08	5

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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800-735-4489 • 406-252-6325 • 406-252-6069 fax • eli@energylab.com

LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-001
Client Sample ID: 0812045-09C, Pond 1

Report Date: 12/18/08
Collection Date: 12/02/08 14:15
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	ND	mg/L		0.001		SW6020	12/16/08 16:08 / aje

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-002
Client Sample ID: 0812045-10C, Pond 2

Report Date: 12/18/08
Collection Date: 12/02/08 14:30
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	ND	mg/L		0.001		SW6020	12/16/08 16:15 / aje

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client:	Hall Environmental	**Report Date:**	12/18/08
Project:	0812045	**Collection Date:**	12/02/08 14:45
Lab ID:	B08120970-003	**DateReceived:**	12/10/08
Client Sample ID:	0812045-11C, Pond 3	**Matrix:**	Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	ND	mg/L		0.001		SW6020	12/16/08 16:22 / aje

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-004
Client Sample ID: 0812045-12C, Pond 4

Report Date: 12/18/08
Collection Date: 12/02/08 15:00
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	ND	mg/L		0.001		SW6020	12/16/08 16:29 / aje

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-005
Client Sample ID: 0812045-13C, Pond 5

Report Date: 12/18/08
Collection Date: 12/02/08 15:15
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	0.001	mg/L		0.001		SW6020	12/16/08 17:31 / aje

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-006
Client Sample ID: 0812045-14C, Pond 6

Report Date: 12/18/08
Collection Date: 12/02/08 15:30
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	0.002	mg/L		0.001		SW6020	12/16/08 17:38 / aje

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-007
Client Sample ID: 0812045-15C, Pond 7

Report Date: 12/18/08
Collection Date: 12/02/08 15:45
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	0.002	mg/L		0.001		SW6020	12/15/08 19:43 / jjw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: Hall Environmental
Project: 0812045
Lab ID: B08120970-008
Client Sample ID: 0812045-16C, Pond 8

Report Date: 12/18/08
Collection Date: 12/02/08 16:00
DateReceived: 12/10/08
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Uranium	0.002	mg/L		0.001		SW6020	12/15/08 19:50 / jjw

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0812045**
Order: **08120101 HAL03** Receipt: **12-03-08**

William P. Blava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0812045-01A POND 1*** Collected: *12-03-08 8:45:00* By:
Matrix: ***AQUEOUS*** *SR8946*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-001A		EPA 1603						By: FAS		
EC08238	BT.2008.749.10		E. coli	>60,000	CFU/100 ml	1000	1		12-03-08	12-04-08

Sample: ***0812045-02A POND 2*** Collected: *12-03-08 8:55:00* By:
Matrix: ***AQUEOUS*** *SR8947*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-002A		EPA 1603						By: FAS		
EC08238	BT.2008.749.11		E. coli	>6,000	CFU/100 ml	100	1		12-03-08	12-04-08

Sample: ***0812045-03A POND 3*** Collected: *12-03-08 9:05:00* By:
Matrix: ***AQUEOUS*** *SR8948*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-003A		EPA 1603						By: FAS		
EC08238	BT.2008.749.12		E. coli	>6,000	CFU/100 ml	100	1		12-03-08	12-04-08

Report Date: 12/9/2008 12:56:45 PM

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Certificate of Analysis

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HALL ENVIRONMENTAL
Project: **0812045**
Order: **08120101** **HAL03** Receipt: **12-03-08**

Sample: ***0812045-04A POND 4*** Collected: *12-03-08 9:15:00* By:
Matrix: ***AQUEOUS*** *SR8949*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-004A		EPA 1603						By: FAS		
EC08238	BT.2008.749.13		E. coli	2,900	CFU/100 ml	100	1		12-03-08	12-04-08

Sample: ***0812045-05A POND 5*** Collected: *12-03-08 9:25:00* By:
Matrix: ***AQUEOUS*** *SR8951*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-005A		EPA 1603						By: FAS		
EC08238	BT.2008.749.14		E. coli	630	CFU/100 ml	10	1		12-03-08	12-04-08

Sample: ***0812045-06A POND 6*** Collected: *12-03-08 9:35:00* By:
Matrix: ***AQUEOUS*** *SR8952*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-006A		EPA 1603						By: FAS		
EC08238	BT.2008.749.15		E. coli	173	CFU/100 ml	9	1		12-03-08	12-04-08

Sample: ***0812045-07A POND 7*** Collected: *12-03-08 9:45:00* By:
Matrix: ***AQUEOUS*** *SR8953*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-007A		EPA 1603						By: FAS		
EC08238	BT.2008.749.16		E. coli	ND	CFU/100 ml	10	1		12-03-08	12-04-08

Sample: ***0812045-08A POND 8*** Collected: *12-03-08 9:55:00* By:
Matrix: ***AQUEOUS*** *SR8954*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120101-008A		EPA 1603						By: FAS		
EC08238	BT.2008.749.17		E. coli	ND	CFU/100 ml	10	1		12-03-08	12-04-08

Report Date: *12/9/2008 12:56:45 PM*

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions									
Sample ID: MB		*MBLK*			Batch ID:	**R31462**	Analysis Date:	12/3/2008 11:16:30 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrogen, Nitrite (As N)	ND	mg/L	0.10						
Nitrogen, Nitrate (As N)	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R31638**	Analysis Date:	12/15/2008 9:24:01 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: MB		*MBLK*			Batch ID:	**R31765**	Analysis Date:	12/23/2008 5:38:40 AM	
Fluoride	ND	mg/L	0.10						
Chloride	ND	mg/L	0.10						
Nitrate (As N)+Nitrite (As N)	ND	mg/L	0.20						
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50						
Sulfate	ND	mg/L	0.50						
Sample ID: LCS		*LCS*			Batch ID:	**R31462**	Analysis Date:	12/3/2008 11:33:55 AM	
Fluoride	0.5399	mg/L	0.10	108	90	110			
Chloride	5.056	mg/L	0.10	101	90	110			
Nitrogen, Nitrite (As N)	1.058	mg/L	0.10	106	90	110			
Nitrogen, Nitrate (As N)	2.624	mg/L	0.10	105	90	110			
Nitrate (As N)+Nitrite (As N)	3.682	mg/L	0.20	105	90	110			
Phosphorus, Orthophosphate (As P)	5.323	mg/L	0.50	106	90	110			
Sulfate	10.63	mg/L	0.50	106	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R31638**	Analysis Date:	12/15/2008 9:41:26 AM	
Fluoride	0.4858	mg/L	0.10	97.2	90	110			
Chloride	5.002	mg/L	0.10	100	90	110			
Nitrate (As N)+Nitrite (As N)	3.483	mg/L	0.20	99.5	90	110			
Phosphorus, Orthophosphate (As P)	5.191	mg/L	0.50	104	90	110			
Sulfate	10.16	mg/L	0.50	102	90	110			
Sample ID: LCS		*LCS*			Batch ID:	**R31765**	Analysis Date:	12/23/2008 5:56:04 AM	
Fluoride	0.5352	mg/L	0.10	107	90	110			
Chloride	4.782	mg/L	0.10	95.6	90	110			
Nitrate (As N)+Nitrite (As N)	3.408	mg/L	0.20	97.4	90	110			
Phosphorus, Orthophosphate (As P)	5.135	mg/L	0.50	103	90	110			
Sulfate	9.936	mg/L	0.50	99.4	90	110			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: **R31477**		Analysis Date:	12/4/2008 11:53:30 PM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: R31477		Analysis Date: 12/4/2008 11:53:30 PM		
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
[illegible]-Trichloropropane	ND	µg/L	2.0						
[illegible]chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: R31510		Analysis Date: 12/5/2008 1:43:50 PM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 1:43:50 PM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]achlorobutadiene	ND	µg/L	1.0						
[illegible]anone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b6		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 11:46:23 PM	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Method: EPA Method 8260B: VOLATILES
Sample ID: b6 *MBLK* **Batch ID:** R31510 **Analysis Date:** 12/5/2008 11:46:23 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b6		*MBLK*			Batch ID: **R31510**		Analysis Date:	12/5/2008 11:46:23 PM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
[illegible]-Trichloropropane	ND	µg/L	2.0						
[illegible]hloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31528**		Analysis Date:	12/8/2008 8:51:10 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*				**Batch ID: R31528**		**Analysis Date: 12/8/2008 8:51:10 AM**	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]chlorobutadiene	ND	µg/L	1.0						
[illegible]anone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b4		*MBLK*				**Batch ID: R31528**		**Analysis Date: 12/9/2008 12:02:54 AM**	

[illegible]iers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b4		*MBLK*			Batch ID: R31528		Analysis Date: 12/9/2008 12:02:54 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b4		*MBLK*			Batch ID: **R31528**		Analysis Date:	12/9/2008 12:02:54 AM	
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
3-Trichloropropane	ND	µg/L	2.0						
chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: **R31545**		Analysis Date:	12/9/2008 10:57:37 AM	
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*							
					Batch ID: **R31545**		Analysis Date:	12/9/2008 10:57:37 AM	
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]chlorobutadiene	ND	µg/L	1.0						
[illegible]anone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: b3		*MBLK*							
					Batch ID: **R31545**		Analysis Date:	12/9/2008 11:25:02 PM	

[illegible]iers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: R31545		Analysis Date: 12/9/2008 11:25:02 PM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
[illegible]on Tetrachloride	ND	µg/L	1.0						
[illegible]benzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1;1-Dichloropropene	ND	µg/L	1.0						
Hexachlorobutadiene	ND	µg/L	1.0						
2-Hexanone	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 Work Order: 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: b3		*MBLK*			Batch ID: R31545		Analysis Date: 12/9/2008 11:25:02 PM		
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 5ml rb		*MBLK*			Batch ID: R31545		Analysis Date: 12/9/2008 10:57:37 AM		
Benzene	ND	µg/L	1.0						
Toluene	ND	µg/L	1.0						
Ethylbenzene	ND	µg/L	1.0						
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0						
1,2,4-Trimethylbenzene	ND	µg/L	1.0						
1,3,5-Trimethylbenzene	ND	µg/L	1.0						
1,2-Dichloroethane (EDC)	ND	µg/L	1.0						
1,2-Dibromoethane (EDB)	ND	µg/L	1.0						
Naphthalene	ND	µg/L	2.0						
1-Methylnaphthalene	ND	µg/L	4.0						
2-Methylnaphthalene	ND	µg/L	4.0						
Acetone	ND	µg/L	10						
Bromobenzene	ND	µg/L	1.0						
Bromodichloromethane	ND	µg/L	1.0						
Bromoform	ND	µg/L	1.0						
Bromomethane	ND	µg/L	1.0						
2-Butanone	ND	µg/L	10						
Carbon disulfide	ND	µg/L	10						
Carbon Tetrachloride	ND	µg/L	1.0						
Chlorobenzene	ND	µg/L	1.0						
Chloroethane	ND	µg/L	2.0						
Chloroform	ND	µg/L	1.0						

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 5ml rb		*MBLK*			Batch ID: R31545		Analysis Date: 12/9/2008 10:57:37 AM		
Chloromethane	ND	µg/L	1.0						
2-Chlorotoluene	ND	µg/L	1.0						
4-Chlorotoluene	ND	µg/L	1.0						
cis-1,2-DCE	ND	µg/L	1.0						
cis-1,3-Dichloropropene	ND	µg/L	1.0						
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0						
Dibromochloromethane	ND	µg/L	1.0						
Dibromomethane	ND	µg/L	1.0						
1,2-Dichlorobenzene	ND	µg/L	1.0						
1,3-Dichlorobenzene	ND	µg/L	1.0						
1,4-Dichlorobenzene	ND	µg/L	1.0						
Dichlorodifluoromethane	ND	µg/L	1.0						
1,1-Dichloroethane	ND	µg/L	1.0						
1,1-Dichloroethene	ND	µg/L	1.0						
1,2-Dichloropropane	ND	µg/L	1.0						
1,3-Dichloropropane	ND	µg/L	1.0						
2,2-Dichloropropane	ND	µg/L	2.0						
1,1-Dichloropropene	ND	µg/L	1.0						
[illegible]achlorobutadiene	ND	µg/L	1.0						
[illegible]none	ND	µg/L	10						
Isopropylbenzene	ND	µg/L	1.0						
4-Isopropyltoluene	ND	µg/L	1.0						
4-Methyl-2-pentanone	ND	µg/L	10						
Methylene Chloride	ND	µg/L	3.0						
n-Butylbenzene	ND	µg/L	1.0						
n-Propylbenzene	ND	µg/L	1.0						
sec-Butylbenzene	ND	µg/L	1.0						
Styrene	ND	µg/L	1.0						
tert-Butylbenzene	ND	µg/L	1.0						
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0						
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0						
Tetrachloroethene (PCE)	ND	µg/L	1.0						
trans-1,2-DCE	ND	µg/L	1.0						
trans-1,3-Dichloropropene	ND	µg/L	1.0						
1,2,3-Trichlorobenzene	ND	µg/L	1.0						
1,2,4-Trichlorobenzene	ND	µg/L	1.0						
1,1,1-Trichloroethane	ND	µg/L	1.0						
1,1,2-Trichloroethane	ND	µg/L	1.0						
Trichloroethene (TCE)	ND	µg/L	1.0						
Trichlorofluoromethane	ND	µg/L	1.0						
1,2,3-Trichloropropane	ND	µg/L	2.0						
Vinyl chloride	ND	µg/L	1.0						
Xylenes, Total	ND	µg/L	1.5						
Sample ID: 100ng lcs		*LCS*			Batch ID: R31477		Analysis Date: 12/5/2008 1:20:30 AM		

[illegible]ers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31477**	Analysis Date:		12/5/2008 1:20:30 AM
Benzene	20.78	µg/L	1.0	104	88	116			
Toluene	18.06	µg/L	1.0	90.3	82.9	112			
Chlorobenzene	17.88	µg/L	1.0	89.4	71.4	133			
1,1-Dichloroethene	21.17	µg/L	1.0	106	97.9	140			
Trichloroethene (TCE)	19.05	µg/L	1.0	95.3	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31510**	Analysis Date:		12/5/2008 2:54:42 PM
Benzene	19.84	µg/L	1.0	99.2	88	116			
Toluene	17.30	µg/L	1.0	85.5	82.9	112			
Chlorobenzene	17.06	µg/L	1.0	85.3	71.4	133			
1,1-Dichloroethene	21.47	µg/L	1.0	107	97.9	140			
Trichloroethene (TCE)	19.37	µg/L	1.0	96.9	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31510**	Analysis Date:		12/6/2008 12:44:25 AM
Benzene	21.14	µg/L	1.0	106	88	116			
Toluene	17.86	µg/L	1.0	88.3	82.9	112			
Chlorobenzene	18.08	µg/L	1.0	90.4	71.4	133			
1,1-Dichloroethene	20.54	µg/L	1.0	103	97.9	140			
Trichloroethene (TCE)	19.77	µg/L	1.0	98.9	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31528**	Analysis Date:		12/8/2008 9:58:33 AM
Benzene	18.87	µg/L	1.0	94.4	88	116			
Toluene	17.76	µg/L	1.0	88.8	82.9	112			
Chlorobenzene	19.37	µg/L	1.0	96.8	71.4	133			
1,1-Dichloroethene	21.09	µg/L	1.0	105	97.9	140			
Trichloroethene (TCE)	18.40	µg/L	1.0	92.0	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31528**	Analysis Date:		12/8/2008 10:37:17 PM
Benzene	18.98	µg/L	1.0	94.9	88	116			
Toluene	16.60	µg/L	1.0	83.0	82.9	112			
Chlorobenzene	18.51	µg/L	1.0	92.6	71.4	133			
1,1-Dichloroethene	20.62	µg/L	1.0	103	97.9	140			
Trichloroethene (TCE)	18.53	µg/L	1.0	92.7	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31545**	Analysis Date:		12/9/2008 11:54:39 AM
Benzene	19.39	µg/L	1.0	97.0	88	116			
Toluene	16.39	µg/L	1.0	82.0	82.9	112			S
Chlorobenzene	18.79	µg/L	1.0	94.0	71.4	133			
1,1-Dichloroethene	22.40	µg/L	1.0	112	97.9	140			
Trichloroethene (TCE)	19.36	µg/L	1.0	96.8	90.5	112			
Sample ID: 100ng lcs_b		*LCS*			Batch ID:	**R31545**	Analysis Date:		12/10/2008 12:21:55 AM
Benzene	18.74	µg/L	1.0	93.7	88	116			
Toluene	16.05	µg/L	1.0	80.3	82.9	112			S
Chlorobenzene	18.52	µg/L	1.0	92.6	71.4	133			
1,1-Dichloroethene	22.22	µg/L	1.0	111	97.9	140			
Trichloroethene (TCE)	18.96	µg/L	1.0	94.8	90.5	112			
Sample ID: 100ng lcs		*LCS*			Batch ID:	**R31545**	Analysis Date:		12/9/2008 11:54:39 AM

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: Evaporation Ponds 1 thru 8 4th Qtr. 2008 **Work Order:** 0812045

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8260B: VOLATILES									
Sample ID: 100ng lcs		*LCS*			Batch ID: R31545		Analysis Date: 12/9/2008 11:54:39 AM		
Benzene	19.39	µg/L	1.0	97.0	88	116			
Toluene	16.39	µg/L	1.0	82.0	82.9	112			S
Chlorobenzene	18.79	µg/L	1.0	94.0	71.4	133			
1,1-Dichloroethene	22.40	µg/L	1.0	112	97.9	140			
Trichloroethene (TCE)	19.36	µg/L	1.0	96.8	90.5	112			

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

ENERGY LABORATORIES, INC. • P.O. Box 30916 • 1120 South 27th Street • Billings, MT 59107-0916
800-735-4489 • 406-252-6325 • 406-252-6069 fax • eli@energylab.com

QA/QC Summary Report

Client: Hall Environmental
Project: 0812045

Report Date: 12/19/08
Work Order: B08120970

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: SW6020									Batch: 36321
Sample ID: LCS5-36321	Laboratory Control Sample				Run: ICPMS204-B_081215A				12/15/08 16:22
Uranium	0.486	mg/L	0.0010	97	85	115			
Sample ID: MB-36321	Method Blank				Run: ICPMS204-B_081215A				12/15/08 17:04
Uranium	9E-06	mg/L	2E-06						
Sample ID: B08120647-001BDIL	Serial Dilution				Run: ICPMS204-B_081215A				12/15/08 17:46
Uranium	0.0362	mg/L	0.0010		0	0	6.2	10	
Sample ID: B08120762-001AMS5	Sample Matrix Spike				Run: ICPMS204-B_081215A				12/15/08 18:13
Uranium	0.519	mg/L	0.0010	104	75	125			
Sample ID: B08120762-001AMSD5	Sample Matrix Spike Duplicate				Run: ICPMS204-B_081215A				12/15/08 18:20
Uranium	0.508	mg/L	0.0010	102	75	125	2	20	
Method: SW6020									Analytical Run: ICPMS204-B_081215A
Sample ID: QCS-ME080514B,081021	Initial Calibration Verification Standard								12/15/08 13:42
Uranium	0.0191	mg/L	0.00030	96	90	110			
Sample ID: ICSA	Interference Check Sample A								12/15/08 16:01
Uranium	1.74E-05	mg/L	0.00030						
Sample ID: ICSAB	Interference Check Sample AB								12/15/08 16:08
Uranium	3.00E-07	mg/L	0.00030		0	0			
Method: SW6020									Analytical Run: ICPMS204-B_081216A
Sample ID: QCS-ME080514B,081021	Initial Calibration Verification Standard								12/16/08 13:50
Uranium	0.0194	mg/L	0.00030	97	90	110			
Sample ID: ICSA ME081125C	Interference Check Sample A								12/16/08 14:11
Uranium	2.71E-05	mg/L	0.00030						
Sample ID: ICSAB ME081125C,ME0	Interference Check Sample AB								12/16/08 14:18
Uranium	7.00E-06	mg/L	0.00030		0	0			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 12/3/2008

Work Order Number 0812045 | Received by: AT

Checklist completed by: _____ 12/3/08 | Sample ID labels checked by: _____

Signature | Date | Initials

Matrix: | Carrier name Client drop-off

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☐	Not Shipped ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
[illegible]er - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☑	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	
Container/Temp Blank temperature?	6°	<6° C Acceptable If given sufficient time to cool.		

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Western Refining Company - Gallup
Mailing Address: Route 3 Box 7 Gallup, NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time: Four of two
☐ Standard ☐ Rush

Project Name: Evap. Ponds 1 through 8 - 4th Qtr. 2008
Project #:

Project Manager: Gaurav Rajen
Sampler: Chuck Gibson
On Ice: ☒ Yes ☐ No
Sample Temperature: 6

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0812045	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	E-coli Count				Air Bubbles (Y or N)
12-3-08	0845	H_2O	Pond 1			-1												X				
"	0855	"	Pond 2			-2												X				
	0905	"	Pond 3			-3												X				
	0915	"	Pond 4			-4												X				
	0925	"	Pond 5			-5												X				
	0935	"	Pond 6			-6												X				
	0945	"	Pond 7			-7												X				
	0955	"	Pond 8			-8												X				

Date	Time	Relinquished by:	Received by:	Date	Time
12-3-08	1139	Steve Morris		12/3/08	1130

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Western Refining Company - Gallup

Mailing Address: Route 3 Box 7 Gallup, NM 87301

Phone #: 505 722 3833

email or Fax#:

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time: ~~2nd~~ of two
☐ Standard ☐ Rush

Project Name: Evap. Ponds 1 through 8 4th Qtr. 2008

Project #:

Project Manager: Gaurav Rajen

Sampler: Cheryl Johnson

On Ice: X Yes ☐ No

Sample Temperature: 4

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0812065	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals w/ Acc TCLP	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Gen Chem	BOD - COD			Air Bubbles (Y or N)
12-2-08	1415	H_2O	Pond 1			-9							X			X		X	X			
"	1430	"	Pond 2			-10							X			X		X	X			
"	1445	"	Pond 3			-11							X			X		X	X			
"	1500	"	Pond 4			-12							X			X		X	X			
"	1515	"	Pond 5			-13							X			X		X	X			
"	1530	"	Pond 6			-14							X			X		X	X			
"	1545	"	Pond 7			-15							X			X		X	X			
"	1600	"	Pond 8			-16							X			X		X	X			

Date	Time	Relinquished by:	Received by:	Date	Time
12-3-08	1130	Steve Mond		12/3/08	1130
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks: Gen Chem = Cations, Anions, pH, and Conductivity

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, January 05, 2009

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0812348

Dear Gaurav Rajen:

Hall Environmental Analysis Laboratory, Inc. received 3 sample(s) on 12/17/2008 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Jan-09*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0812348	**Collection Date:**	12/16/2008 7:30:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	12/17/2008
Lab ID:	0812348-01	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	12/30/2008
2-Chlorophenol	ND	100		µg/L	1	12/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	12/30/2008
2,4-Dimethylphenol	170	100		µg/L	1	12/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	12/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	12/30/2008
2-Methylphenol	1100	100		µg/L	1	12/30/2008
3+4-Methylphenol	3900	1000		µg/L	10	12/30/2008
2-Nitrophenol	ND	100		µg/L	1	12/30/2008
4-Nitrophenol	ND	100		µg/L	1	12/30/2008
Pentachlorophenol	ND	200		µg/L	1	12/30/2008
Phenol	10000	1000		µg/L	10	12/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	12/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	12/30/2008
Surr: 2,4,6-Tribromophenol	110	16.6-150		%REC	1	12/30/2008
Surr: 2-Fluorobiphenyl	80.6	19.6-134		%REC	1	12/30/2008
Surr: 2-Fluorophenol	46.0	9.54-113		%REC	1	12/30/2008
Surr: 4-Terphenyl-d14	66.6	22.7-145		%REC	1	12/30/2008
Surr: Nitrobenzene-d5	85.5	14.6-134		%REC	1	12/30/2008
Surr: Phenol-d5	22.9	10.7-80.3		%REC	1	12/30/2008

Qualifiers:				
	*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
	ND	Not Detected at the Reporting Limit	RL	Reporting Limit
	S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0812348	**Collection Date:**	12/16/2008 7:45:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	12/17/2008
Lab ID:	0812348-02	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	12/30/2008
2-Chlorophenol	ND	100		µg/L	1	12/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	12/30/2008
2,4-Dimethylphenol	190	100		µg/L	1	12/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	12/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	12/30/2008
2-Methylphenol	2200	100		µg/L	1	12/30/2008
3+4-Methylphenol	3500	1000		µg/L	10	12/30/2008
2-Nitrophenol	ND	100		µg/L	1	12/30/2008
4-Nitrophenol	ND	100		µg/L	1	12/30/2008
Pentachlorophenol	ND	200		µg/L	1	12/30/2008
Phenol	6700	1000		µg/L	10	12/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	12/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	12/30/2008
Surr: 2,4,6-Tribromophenol	87.7	16.6-150		%REC	1	12/30/2008
Surr: 2-Fluorobiphenyl	66.3	19.6-134		%REC	1	12/30/2008
Surr: 2-Fluorophenol	22.3	9.54-113		%REC	1	12/30/2008
Surr: 4-Terphenyl-d14	57.2	22.7-145		%REC	1	12/30/2008
Surr: Nitrobenzene-d5	68.5	14.6-134		%REC	1	12/30/2008
Surr: Phenol-d5	35.6	10.7-80.3		%REC	1	12/30/2008

Qualifiers:				
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	S	Spike recovery outside accepted recovery limits		

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0812348	**Collection Date:**	12/16/2008 8:00:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	12/17/2008
Lab ID:	0812348-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	12/30/2008
2-Chlorophenol	ND	100		µg/L	1	12/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	12/30/2008
2,4-Dimethylphenol	270	100		µg/L	1	12/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	12/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	12/30/2008
2-Methylphenol	3000	1000		µg/L	10	12/30/2008
3+4-Methylphenol	5100	1000		µg/L	10	12/30/2008
2-Nitrophenol	ND	100		µg/L	1	12/30/2008
4-Nitrophenol	ND	100		µg/L	1	12/30/2008
Pentachlorophenol	ND	200		µg/L	1	12/30/2008
Phenol	9900	1000		µg/L	10	12/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	12/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	12/30/2008
Surr: 2,4,6-Tribromophenol	110	16.6-150		%REC	1	12/30/2008
Surr: 2-Fluorobiphenyl	78.4	19.6-134		%REC	1	12/30/2008
Surr: 2-Fluorophenol	47.8	9.54-113		%REC	1	12/30/2008
Surr: 4-Terphenyl-d14	65.8	22.7-145		%REC	1	12/30/2008
Surr: Nitrobenzene-d5	77.5	14.6-134		%REC	1	12/30/2008
Surr: Phenol-d5	52.8	10.7-80.3		%REC	1	12/30/2008

Qualifiers:				
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	E	Estimated value	H	Holding times for preparation or analysis exceeded
	J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
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Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0812348
Order: 08120461 HAL03 Receipt: 12-17-08

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: *0812348-01B AL-1INLET* Collected: *12-16-08 7:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-001A		EPA 410.1 Chemical Oxygen Demand						By: ECC		
WCOD-08-053	WC.2008.3411.20	C-004	Chemical Oxygen Demand	564	mg/L	1	10		12-30-08	12-30-08

Sample: *0812348-01C AL-1INLET* Collected: *12-16-08 7:30:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-002A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080145	WC.2008.3333.9	10-26-4	Biochemical Oxygen Demand	285	mg/L	1	4		12-17-08	12-22-08

Sample: *0812348-02B AL-2INLET* Collected: *12-16-08 7:45:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-003A		EPA 410.1 Chemical Oxygen Demand						By: ECC		
WCOD-08-053	WC.2008.3411.21	C-004	Chemical Oxygen Demand	820	mg/L	1	10		12-30-08	12-30-08

Report Date: 12/31/2008 3:06:57 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: HALL ENVIRONMENTAL
Project: 0812348
Order: 08120461 HAL03 Receipt: 12-17-08

Sample: *0812348-02C AL-2INLET* Collected: *12-16-08 7:45:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-004A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080145	WC.2008.3333.10	10-26-4	Biochemical Oxygen Demand	437	mg/L	1	4		12-17-08	12-22-08

Sample: *0812348-03B EP-1INLET* Collected: *12-16-08 8:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-005A		EPA 410.1 Chemical Oxygen Demand						By: ECC		
WCOD-08-053	WC.2008.3411.22	C-004	Chemical Oxygen Demand	718	mg/L	1	10		12-30-08	12-30-08

Sample: *0812348-03C EP-1INLET* Collected: *12-16-08 8:00:00* By:
Matrix: *AQUEOUS*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-006A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080145	WC.2008.3333.11	10-26-4	Biochemical Oxygen Demand	385	mg/L	1	4		12-17-08	12-22-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0812348

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17920		*MBLK*			Batch ID: 17920		Analysis Date:		12/30/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17920		*LCS*			Batch ID: 17920		Analysis Date:		12/30/2008
4-Chloro-3-methylphenol	153.3	µg/L	10	76.6	15.4	119			
2-Chlorophenol	152.5	µg/L	10	76.2	12.2	122			
4-Nitrophenol	120.7	µg/L	10	60.4	12.5	87.4			
Pentachlorophenol	161.7	µg/L	20	80.9	3.55	114			
Phenol	79.52	µg/L	10	39.8	7.53	73.1			
Sample ID: lcsd-17920		*LCSD*			Batch ID: 17920		Analysis Date:		12/30/2008
4-Chloro-3-methylphenol	145.6	µg/L	10	72.8	15.4	119	5.17	28.6	
2-Chlorophenol	144.1	µg/L	10	72.0	12.2	122	5.67	107	
4-Nitrophenol	112.7	µg/L	10	56.3	12.5	87.4	6.89	36.3	
Pentachlorophenol	156.9	µg/L	20	78.5	3.55	114	3.03	49	
Phenol	73.10	µg/L	10	36.6	7.53	73.1	8.41	52.4	

Qualifiers:

E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU Date Received: 12/17/2008

Work Order Number 0812348 Received by: TLS

Checklist completed by: _____ 12/17/08 Sample ID labels checked by: _____
Signature Date Initials

Matrix: Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace?	No VOA vials submitted ☑	Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 3° <6° C *Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Gallup Refinery
WESTERN REFINING
Mailing Address: RT 3 Box 4
Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush
Project Name: AL-1, AL-2, EP-1
Project #:
Project Manager: GAURAV RAJEN
Sampler: Alvin Dorsey
On Ice: ☒ Yes ☐ No
Sample Temperature: 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 0812348	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PHENOL		Air Bubbles (Y or N)
12-16-08	0730	Air	AL-1 Inlet			1												X				
12-16-08	0730		AL-1 Inlet			4													X			
12-16-08	0730		AL-1 Inlet			1														X		
12-16-08	0745		AL-2 Inlet			2												X				
12-16-08	0745		AL-2 Inlet			2													X			
12-16-08	0745		AL-2 Inlet			2														X		
12-16-08	0800		EP-1 Inlet			3												X				
12-16-08	0800		EP-1 Inlet			3													X			
12-16-08	0800		EP-1 Inlet			3														X		

Date:	Time:	Relinquished by:	Received by:	Date	Time
12-16-08	1100			12/17/08	
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

COVER LETTER

Monday, January 05, 2009

Gaurav Rajen
Western Refining Southwest, Gallup
Rt. 3 Box 7
Gallup, NM 87301

TEL: (505) 722-3833
FAX (505) 722-0210

RE: AL-1, AL-2, EP-1

Order No.: 0812348

Dear Gaurav Rajen:

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Reporting limits are determined by EPA methodology. No determination of compounds below these (denoted by the ND or < sign) has been made.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

Andy Freeman, Business Manager
Nancy McDuffie, Laboratory Manager

NM Lab # NM9425
AZ license # AZ0682
ORELAP Lab # NM100001
Texas Lab# T104704424-08-TX

4901 Hawkins NE ■ Suite D ■ Albuquerque, NM 87109
505.345.3975 ■ Fax 505.345.4107
www.hallenvironmental.com

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Jan-09*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-1 Inlet
Lab Order:	0812348	**Collection Date:**	12/16/2008 7:30:00 AM
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Phenol	10000	1000		µg/L	10	12/30/2008
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2,4,6-Trichlorophenol	ND	100		µg/L	1	12/30/2008
Surr: 2,4,6-Tribromophenol	110	16.6-150		%REC	1	12/30/2008
Surr: 2-Fluorobiphenyl	80.6	19.6-134		%REC	1	12/30/2008
Surr: 2-Fluorophenol	46.0	9.54-113		%REC	1	12/30/2008
Surr: 4-Terphenyl-d14	66.6	22.7-145		%REC	1	12/30/2008
Surr: Nitrobenzene-d5	85.5	14.6-134		%REC	1	12/30/2008
Surr: Phenol-d5	22.9	10.7-80.3		%REC	1	12/30/2008

Qualifiers:

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CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	AL-2-Inlet
Lab Order:	0812348	**Collection Date:**	12/16/2008 7:45:00 AM
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2-Nitrophenol	ND	100		µg/L	1	12/30/2008
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Pentachlorophenol	ND	200		µg/L	1	12/30/2008
Phenol	6700	1000		µg/L	10	12/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	12/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	12/30/2008
Surr: 2,4,6-Tribromophenol	87.7	16.6-150		%REC	1	12/30/2008
Surr: 2-Fluorobiphenyl	66.3	19.6-134		%REC	1	12/30/2008
Surr: 2-Fluorophenol	22.3	9.54-113		%REC	1	12/30/2008
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Surr: Nitrobenzene-d5	68.5	14.6-134		%REC	1	12/30/2008
Surr: Phenol-d5	35.6	10.7-80.3		%REC	1	12/30/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Hall Environmental Analysis Laboratory, Inc.

Date: *05-Jan-09*

CLIENT:	Western Refining Southwest, Gallup	**Client Sample ID:**	EP-1 Inlet
Lab Order:	0812348	**Collection Date:**	12/16/2008 8:00:00 AM
Project:	AL-1, AL-2, EP-1	**Date Received:**	12/17/2008
Lab ID:	0812348-03	**Matrix:**	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8270C: SEMIVOLATILES						Analyst: JDC
4-Chloro-3-methylphenol	ND	100		µg/L	1	12/30/2008
2-Chlorophenol	ND	100		µg/L	1	12/30/2008
2,4-Dichlorophenol	ND	200		µg/L	1	12/30/2008
2,4-Dimethylphenol	270	100		µg/L	1	12/30/2008
4,6-Dinitro-2-methylphenol	ND	200		µg/L	1	12/30/2008
2,4-Dinitrophenol	ND	200		µg/L	1	12/30/2008
2-Methylphenol	3000	1000		µg/L	10	12/30/2008
3+4-Methylphenol	5100	1000		µg/L	10	12/30/2008
2-Nitrophenol	ND	100		µg/L	1	12/30/2008
4-Nitrophenol	ND	100		µg/L	1	12/30/2008
Pentachlorophenol	ND	200		µg/L	1	12/30/2008
Phenol	9900	1000		µg/L	10	12/30/2008
2,4,5-Trichlorophenol	ND	100		µg/L	1	12/30/2008
2,4,6-Trichlorophenol	ND	100		µg/L	1	12/30/2008
Surr: 2,4,6-Tribromophenol	110	16.6-150		%REC	1	12/30/2008
Surr: 2-Fluorobiphenyl	78.4	19.6-134		%REC	1	12/30/2008
Surr: 2-Fluorophenol	47.8	9.54-113		%REC	1	12/30/2008
Surr: 4-Terphenyl-d14	65.8	22.7-145		%REC	1	12/30/2008
Surr: Nitrobenzene-d5	77.5	14.6-134		%REC	1	12/30/2008
Surr: Phenol-d5	52.8	10.7-80.3		%REC	1	12/30/2008

Qualifiers:

*	Value exceeds Maximum Contaminant Level	B	Analyte detected in the associated Method Blank
E	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	MCL	Maximum Contaminant Level
ND	Not Detected at the Reporting Limit	RL	Reporting Limit
S	Spike recovery outside accepted recovery limits		

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

HALL ENVIRONMENTAL
attn: ANDY FREEMAN
4901 HAWKINS NE, SUITE D
ALBUQUERQUE NM 87109-4372

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0812348**
Order: **08120461 HAL03** Receipt: **12-17-08**

William P. Blevs: President of Assaigai Analytical Laboratories, Inc.

Sample: ***0812348-01B AL-1INLET*** Collected: *12-16-08 7:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-001A		**EPA 410.1 Chemical Oxygen Demand**						By: ECC		
WCOD-08-053	WC.2008.3411.20	C-004	Chemical Oxygen Demand	564	mg/L	1	10		12-30-08	12-30-08

Sample: ***0812348-01C AL-1INLET*** Collected: *12-16-08 7:30:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-002A		**EPA 405.1 Biochemical Oxygen Demand**						By: JKG		
BOD080145	WC.2008.3333.9	10-26-4	Biochemical Oxygen Demand	285	mg/L	1	4		12-17-08	12-22-08

Sample: ***0812348-02B AL-2INLET*** Collected: *12-16-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-003A		**EPA 410.1 Chemical Oxygen Demand**						By: ECC		
WCOD-08-053	WC.2008.3411.21	C-004	Chemical Oxygen Demand	820	mg/L	1	10		12-30-08	12-30-08

Report Date: 12/31/2008 3:06:57 PM

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **HALL ENVIRONMENTAL**
Project: **0812348**
Order: **08120461 HAL03** Receipt: **12-17-08**

Sample: ***0812348-02C AL-2INLET*** Collected: *12-16-08 7:45:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-004A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080145	WC.2008.3333.10	10-26-4	Biochemical Oxygen Demand	437	mg/L	1	4		12-17-08	12-22-08

Sample: ***0812348-03B EP-1INLET*** Collected: *12-16-08 8:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08120461-005A		EPA 410.1 Chemical Oxygen Demand						By: ECC		
WCOD-08-053	WC.2008.3411.22	C-004	Chemical Oxygen Demand	718	mg/L	1	10		12-30-08	12-30-08

Sample: ***0812348-03C EP-1INLET*** Collected: *12-16-08 8:00:00* By:
Matrix: ***AQUEOUS***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
[redacted]20461-006A		EPA 405.1 Biochemical Oxygen Demand						By: JKG		
BOD080145	WC.2008.3333.11	10-26-4	Biochemical Oxygen Demand	385	mg/L	1	4		12-17-08	12-22-08

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

Report Date: 12/31/2008 3:06:57 PM

QA/QC SUMMARY REPORT

Client: Western Refining Southwest, Gallup
Project: AL-1, AL-2, EP-1 **Work Order:** 0812348

Analyte	Result	Units	PQL	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8270C: Semivolatiles									
Sample ID: mb-17920		*MBLK*			Batch ID:	17920	Analysis Date:		12/30/2008
4-Chloro-3-methylphenol	ND	µg/L	10						
2-Chlorophenol	ND	µg/L	10						
2,4-Dichlorophenol	ND	µg/L	20						
2,4-Dimethylphenol	ND	µg/L	10						
4,6-Dinitro-2-methylphenol	ND	µg/L	20						
2,4-Dinitrophenol	ND	µg/L	20						
2-Methylphenol	ND	µg/L	10						
3+4-Methylphenol	ND	µg/L	10						
2-Nitrophenol	ND	µg/L	10						
4-Nitrophenol	ND	µg/L	10						
Pentachlorophenol	ND	µg/L	20						
Phenol	ND	µg/L	10						
2,4,5-Trichlorophenol	ND	µg/L	10						
2,4,6-Trichlorophenol	ND	µg/L	10						
Sample ID: lcs-17920		*LCS*			Batch ID:	17920	Analysis Date:		12/30/2008
4-Chloro-3-methylphenol	153.3	µg/L	10	76.6	15.4	119			
2-Chlorophenol	152.5	µg/L	10	76.2	12.2	122			
4-Nitrophenol	120.7	µg/L	10	60.4	12.5	87.4			
Pentachlorophenol	161.7	µg/L	20	80.9	3.55	114			
Phenol	79.52	µg/L	10	39.8	7.53	73.1			
Sample ID: lcsd-17920		*LCSD*			Batch ID:	17920	Analysis Date:		12/30/2008
4-Chloro-3-methylphenol	145.6	µg/L	10	72.8	15.4	119	5.17	28.6	
2-Chlorophenol	144.1	µg/L	10	72.0	12.2	122	5.67	107	
4-Nitrophenol	112.7	µg/L	10	56.3	12.5	87.4	6.89	36.3	
Pentachlorophenol	156.9	µg/L	20	78.5	3.55	114	3.03	49	
Phenol	73.10	µg/L	10	36.6	7.53	73.1	8.41	52.4	

Qualifiers:

	Estimated value	H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
R	RPD outside accepted recovery limits	S	Spike recovery outside accepted recovery limits

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name WESTERN REFINING GALLU | Date Received: 12/17/2008

Work Order Number 0812348 | Received by: TLS

Checklist completed by: _____ 12/17/08 | Sample ID labels checked by: _____

Signature | Date | Initials

Matrix: | Carrier name UPS

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	Not Present ☐	Not Shipped ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	N/A ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Water - VOA vials have zero headspace? No VOA vials submitted ☑		Yes ☐	No ☐	
Water - Preservation labels on bottle and cap match?	Yes ☑	No ☐	N/A ☐	
Water - pH acceptable upon receipt?	Yes ☑	No ☐	N/A ☐	

Container/Temp Blank temperature? 3° <6° C *Acceptable* If given sufficient time to cool.

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record

Client: Gallup Refinery
WESTERN-Refining
Mailing Address: RT 3 Box 4
Gallup NM 87301
Phone #: 505 722 3833
email or Fax#: 505 722 0210

QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: AL-1, AL-2, EP-1
Project #:

Project Manager: Gaurav Rajen

Sampler: Alvin Doisey
On Ice: ☒ Yes ☐ No
Sample Temperature: 3

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 081235	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	BOD	COD	8270 PAH SIM		Air Bubbles (Y or N)
12-16-08	0730	Air	AL-1 INLET			1												X				
12-16-08	0730		AL-1 INLET			1													X			
12-16-08	0730		AL-1 INLET			1														X		
12-16-08	0745		AL-2 INLET			2												X				
12-16-08	0745		AL-2 INLET			2													X			
12-16-08	0745		AL-2 INLET			2														X		
12-16-08	0800		EP-1 INLET			3												X				
12-16-08	0800		EP-1 INLET			3													X			
12-16-08	0800		EP-1 INLET			3														X		

Analysis Request

Date:	Time:	Relinquished by:	Received by:	Date	Time
12-16-08	1100			12/17/08	
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.