

GW - _____28_____

MONITORING REPORTS

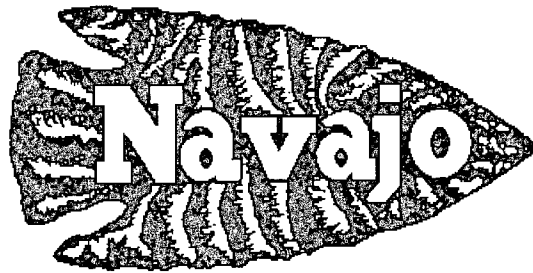
DATE:

**2006 Annual
GW Report (3/5)**

VOLUME 2
2006 ANNUAL GROUNDWATER REPORT

for

NAVAJO REFINING COMPANY
RCRA PERMIT NO. NMD048918817
HWB-NRC-06-001
ARTESIA, NEW MEXICO



Prepared for:

**NEW MEXICO ENERGY, MINERAL and NATURAL RESOURCES
DEPARTMENT**

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico

Prepared by:

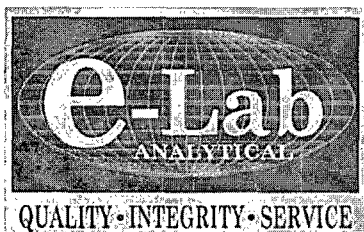
ARCADIS U.S., Inc.
1004 N. Big Spring, Suite 300
Midland, Texas 79701

April 2007

ARCADIS

ATTACHMENT C

CHEMICAL ANALYTICAL REPORTS - 2006 2nd SEMI-ANNUAL



e-Lab Analytical, Inc.

10450 Stancliff Rd, Suite 210 Houston, Texas 77099-4338 (281) 530-5656 Fax (281) 530-5887

December 28, 2006

Darrell Moore
Navajo Refining Company
P.O. Box 159
Artesia, New Mexico 88211

Tel: (505) 746-5281
Fax: (505) 746-5421

Re: Navajo Artesia

Work Order : **0612264**

Dear Darrell Moore,

e-Lab Analytical, Inc. received 37 samples on 12/14/2006 8:40:00 AM for the analyses presented in the following report.

The analytical data provided relates directly to the samples received by e-Lab Analytical, Inc. and for only the analyses requested. Results are expressed as "as received" unless otherwise noted.

QC sample results for this data met EPA or laboratory specifications except as noted in the Case Narrative or as noted with qualifiers in the QC batch information. Should this laboratory report need to be reproduced, it should be reproduced in full unless written approval has been obtained by e-Lab Analytical, Inc. Samples will be disposed in 30 days unless storage arrangements are made.

The total number of pages in this report is 176.

If you have any questions regarding this report, please feel free to call me.

Sincerely,

Jeffrey L Croston

Electronically approved by: Odette E. Elliston

Jeffrey L Croston
Project Manager



Certificate No: T104704231-06-TX

CLIENT: Navajo Refining Company

Project: Navajo Artesia

Work Order: 0612264

Work Order Sample Summary

<u>Lab Samp ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Tag Number</u>	<u>Collection Date</u>	<u>Date Received</u>	<u>Hold</u>
0612264-01	MW-63	Water		12/8/2006 11:29	12/14/2006 08:40	☐
0612264-02	MW-61	Water		12/8/2006 13:56	12/14/2006 08:40	☐
0612264-03	KWB-13	Water		12/11/2006 09:36	12/14/2006 08:40	☐
0612264-04	MW-52	Water		12/11/2006 10:20	12/14/2006 08:40	☐
0612264-05	KWB-2R	Water		12/11/2006 10:53	12/14/2006 08:40	☐
0612264-06	MW-58	Water		12/11/2006 11:55	12/14/2006 08:40	☐
0612264-07	KWB-5	Water		12/11/2006 12:40	12/14/2006 08:40	☐
0612264-08	KWB-10	Water		12/11/2006 13:40	12/14/2006 08:40	☐
0612264-09	KWB-1C	Water		12/11/2006 15:20	12/14/2006 08:40	☐
0612264-10	RW-18	Water		12/11/2006 15:50	12/14/2006 08:40	☐
0612264-11	NP-3	Water		12/11/2006 16:15	12/14/2006 08:40	☐
0612264-12	MW-16	Water		12/12/2006 10:40	12/14/2006 08:40	☐
0612264-13	MW-26	Water		12/12/2006 11:15	12/14/2006 08:40	☐
0612264-14	MW-1R	Water		12/12/2006 11:35	12/14/2006 08:40	☐
0612264-15	MW-15	Water		12/12/2006 12:20	12/14/2006 08:40	☐
0612264-16	OCD-1	Water		12/12/2006 13:40	12/14/2006 08:40	☐
0612264-17	OCD-2A	Water		12/12/2006 14:10	12/14/2006 08:40	☐
0612264-18	OCD-3	Water		12/12/2006 14:50	12/14/2006 08:40	☐
0612264-19	OCD-4	Water		12/12/2006 15:20	12/14/2006 08:40	☐
0612264-20	OCD-5	Water		12/12/2006 10:50	12/14/2006 08:40	☐
0612264-21	MW-11A	Water		12/13/2006 11:30	12/14/2006 08:40	☐
0612264-22	MW-25	Water		12/13/2006 12:15	12/14/2006 08:40	☐
0612264-23	Duplicate #1	Water		12/13/2006	12/14/2006 08:40	☐
0612264-24	Duplicate #2	Water		12/13/2006	12/14/2006 08:40	☐
0612264-25	Equipment Blank	Water		12/8/2006 14:52	12/14/2006 08:40	☐
0612264-26	Equipment Blank 2	Water		12/11/2006 16:30	12/14/2006 08:40	☐
0612264-27	Equipment Blank 3	Water		12/12/2006 15:36	12/14/2006 08:40	☐
0612264-28	Equipment Blank 4	Water		12/13/2006 12:20	12/14/2006 08:40	☐
0612264-29	Field Blank	Water		12/8/2006 14:40	12/14/2006 08:40	☐
0612264-30	Field Blank 2	Water		12/11/2006 16:25	12/14/2006 08:40	☐
0612264-31	Field Blank 3	Water		12/12/2006 15:32	12/14/2006 08:40	☐
0612264-32	Field Blank 4	Water		12/13/2006 12:26	12/14/2006 08:40	☐
0612264-33	Trip Blank 1	Water		12/13/2006 15:00	12/14/2006 08:40	☐
0612264-34	Trip Blank 2	Water		12/13/2006 15:00	12/14/2006 08:40	☐
0612264-35	Trip Blank 3	Water		12/13/2006 15:00	12/14/2006 08:40	☐
0612264-36	Trip Blank 4	Water		12/13/2006 15:00	12/14/2006 08:40	☐
0612264-37	Trip Blank 5	Water		12/13/2006 15:00	12/14/2006 08:40	☐

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Project: Navajo Artesia

Work Order: 0612264

Case Narrative

pH samples were received outside of the recommended holding times.

8015 DRO (sample MW-63) Surrogate was diluted out of the sample.

Batch 21244 Metals MSD was an unrelated sample.

Batches' R44998, R45049, and R45203 Volatiles MS/MSD were unrelated samples.

Batch R45107 Volatiles (sample OCD-2A) MS/MSD and RPD recoveries were outside of control limits for several compounds. All recoveries met method criteria in the LCS.

Batch R45134 Volatiles (sample MW-16) MS recovery was below the control limits for sec-Butylbenzene (79.4%). RPD's within control limits.

Batch R45225 Anions MS/MSD was an unrelated sample.

Batch R45243 Anions (sample Duplicate #1) MS/MSD recoveries were below the control limits for Sulfate (51.2% and 53.9%). Recoveries were E/O-flagged.

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-01

Client Sample ID: MW-63
Collection Date: 12/8/2006 11:29:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	8.1		0.20	mg/L	4	12/28/2006 12:50:00 AM
Surr: 2-Fluorobiphenyl	173	S	70-130	%REC	4	12/28/2006 12:50:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	9.89		2.50	mg/L	50	12/20/2006 3:53:00 PM
Surr: 4-Bromofluorobenzene	114		70-130	%REC	50	12/20/2006 3:53:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 5:47:06 PM
ICP METALS, TOTAL						
Arsenic	0.0236		0.00500	mg/L	1	12/22/2006 4:51:00 PM
Barium	1.00		0.00500	mg/L	1	12/22/2006 4:51:00 PM
Cadmium	ND		0.00200	mg/L	1	12/22/2006 4:51:00 PM
Chromium	0.00509		0.00500	mg/L	1	12/22/2006 4:51:00 PM
Lead	ND		0.00500	mg/L	1	12/22/2006 4:51:00 PM
Magnesium	141		20.0	mg/L	100	12/26/2006 4:29:00 PM
Potassium	0.800		0.200	mg/L	1	12/22/2006 4:51:00 PM
Selenium	ND		0.00500	mg/L	1	12/22/2006 4:51:00 PM
Silver	ND		0.00500	mg/L	1	12/22/2006 4:51:00 PM
Sodium	316		20.0	mg/L	100	12/26/2006 4:29:00 PM
Vanadium	ND		0.00500	mg/L	1	12/22/2006 4:51:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,2,4-Trimethylbenzene	200		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
1,3,5-Trimethylbenzene	45		5.0	µg/L	1	12/19/2006 2:38:00 PM
2-Butanone	ND		10	µg/L	1	12/19/2006 2:38:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 2:38:00 PM
4-Isopropyltoluene	11		5.0	µg/L	1	12/19/2006 2:38:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 2:38:00 PM
Acetone	20		10	µg/L	1	12/19/2006 2:38:00 PM
Benzene	2,200		120	µg/L	25	12/19/2006 3:53:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-01

Client Sample ID: MW-63
Collection Date: 12/8/2006 11:29:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 2:38:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Ethylbenzene	450		120	µg/L	25	12/19/2006 3:53:00 PM
Isopropylbenzene	60		5.0	µg/L	1	12/19/2006 2:38:00 PM
m,p-Xylene	240		10	µg/L	1	12/19/2006 2:38:00 PM
Methyl tert-butyl ether	600		120	µg/L	25	12/19/2006 3:53:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 2:38:00 PM
n-Butylbenzene	29		5.0	µg/L	1	12/19/2006 2:38:00 PM
n-Propylbenzene	84		5.0	µg/L	1	12/19/2006 2:38:00 PM
Naphthalene	100		5.0	µg/L	1	12/19/2006 2:38:00 PM
o-Xylene	8.0		5.0	µg/L	1	12/19/2006 2:38:00 PM
sec-Butylbenzene	17		5.0	µg/L	1	12/19/2006 2:38:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Toluene	16		5.0	µg/L	1	12/19/2006 2:38:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 2:38:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 2:38:00 PM
Xylenes, Total	250		15	µg/L	1	12/19/2006 2:38:00 PM
Surr: 1,2-Dichloroethane-d4	90.8		70-125	%REC	1	12/19/2006 2:38:00 PM
Surr: 1,2-Dichloroethane-d4	90.4		70-125	%REC	25	12/19/2006 3:53:00 PM
Surr: 4-Bromofluorobenzene	89.3		72.4-125	%REC	25	12/19/2006 3:53:00 PM
Surr: 4-Bromofluorobenzene	94.8		72.4-125	%REC	1	12/19/2006 2:38:00 PM
Surr: Dibromofluoromethane	87.9		71.2-125	%REC	1	12/19/2006 2:38:00 PM
Surr: Dibromofluoromethane	91.1		71.2-125	%REC	25	12/19/2006 3:53:00 PM
Surr: Toluene-d8	91.1		75-125	%REC	1	12/19/2006 2:38:00 PM
Surr: Toluene-d8	87.7		75-125	%REC	25	12/19/2006 3:53:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	584	10.0	mg/L	20	12/20/2006 2:23:00 AM
Fluoride	1.53	0.100	mg/L	1	12/20/2006 12:33:00 AM

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-01

Client Sample ID: MW-63
Collection Date: 12/8/2006 11:29:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Sulfate	109		5.00	mg/L	5	12/20/2006 2:01:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/25/2006 6:06:00 PM
Surr: Selenate (surr)	95.7		80-120	%REC	1	12/20/2006 12:33:00 AM
Surr: Selenate (surr)	97.2		80-120	%REC	5	12/20/2006 2:01:00 AM
Surr: Selenate (surr)	96.0		80-120	%REC	20	12/20/2006 2:23:00 AM
Surr: Selenate (surr)	107		80-120	%REC	5	12/25/2006 6:06:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	748		5.00	mg/L	1	12/19/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	748		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.69	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,000		10.0	mg/L	1	12/14/2006

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E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-02

Client Sample ID: MW-61
Collection Date: 12/8/2006 1:56:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.5		0.050	mg/L	1	12/19/2006 9:57:00 PM
Surr: 2-Fluorobiphenyl	91.5		70-130	%REC	1	12/19/2006 9:57:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	19.3		2.50	mg/L	50	12/20/2006 5:14:00 PM
Surr: 4-Bromofluorobenzene	129		70-130	%REC	50	12/20/2006 5:14:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 5:49:06 PM
ICP METALS, TOTAL						
Arsenic	0.00741		0.00500	mg/L	1	12/22/2006 4:57:00 PM
Barium	0.0772		0.00500	mg/L	1	12/22/2006 4:57:00 PM
Cadmium	ND		0.00200	mg/L	1	12/22/2006 4:57:00 PM
Chromium	0.00776		0.00500	mg/L	1	12/22/2006 4:57:00 PM
Lead	0.00772		0.00500	mg/L	1	12/22/2006 4:57:00 PM
Magnesium	232		20.0	mg/L	100	12/26/2006 4:35:00 PM
Potassium	0.893		0.200	mg/L	1	12/22/2006 4:57:00 PM
Selenium	ND		0.00500	mg/L	1	12/22/2006 4:57:00 PM
Silver	ND		0.00500	mg/L	1	12/22/2006 4:57:00 PM
Sodium	169		20.0	mg/L	100	12/26/2006 4:35:00 PM
Vanadium	0.00857		0.00500	mg/L	1	12/22/2006 4:57:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,2,4-Trimethylbenzene	310		250	µg/L	50	12/19/2006 5:58:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
1,3,5-Trimethylbenzene	76		5.0	µg/L	1	12/19/2006 4:43:00 PM
2-Butanone	30		10	µg/L	1	12/19/2006 4:43:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 4:43:00 PM
4-Isopropyltoluene	8.5		5.0	µg/L	1	12/19/2006 4:43:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 4:43:00 PM
Acetone	46		10	µg/L	1	12/19/2006 4:43:00 PM
Benzene	5,200		250	µg/L	50	12/19/2006 5:58:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-02

Client Sample ID: MW-61
Collection Date: 12/8/2006 1:56:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 4:43:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Ethylbenzene	190		5.0	µg/L	1	12/19/2006 4:43:00 PM
Isopropylbenzene	110		5.0	µg/L	1	12/19/2006 4:43:00 PM
m,p-Xylene	1,100		500	µg/L	50	12/19/2006 5:58:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 4:43:00 PM
n-Butylbenzene	18		5.0	µg/L	1	12/19/2006 4:43:00 PM
n-Propylbenzene	130		5.0	µg/L	1	12/19/2006 4:43:00 PM
Naphthalene	200		5.0	µg/L	1	12/19/2006 4:43:00 PM
o-Xylene	ND		250	µg/L	50	12/19/2006 5:58:00 PM
sec-Butylbenzene	14		5.0	µg/L	1	12/19/2006 4:43:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Toluene	280		250	µg/L	50	12/19/2006 5:58:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 4:43:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 4:43:00 PM
Xylenes, Total	1,100		750	µg/L	50	12/19/2006 5:58:00 PM
Surr: 1,2-Dichloroethane-d4	92.5		70-125	%REC	1	12/19/2006 4:43:00 PM
Surr: 1,2-Dichloroethane-d4	90.9		70-125	%REC	50	12/19/2006 5:58:00 PM
Surr: 4-Bromofluorobenzene	91.3		72.4-125	%REC	50	12/19/2006 5:58:00 PM
Surr: 4-Bromofluorobenzene	91.7		72.4-125	%REC	1	12/19/2006 4:43:00 PM
Surr: Dibromofluoromethane	87.2		71.2-125	%REC	1	12/19/2006 4:43:00 PM
Surr: Dibromofluoromethane	94.2		71.2-125	%REC	50	12/19/2006 5:58:00 PM
Surr: Toluene-d8	91.0		75-125	%REC	1	12/19/2006 4:43:00 PM
Surr: Toluene-d8	91.0		75-125	%REC	50	12/19/2006 5:58:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	451	10.0	mg/L	20	12/20/2006 3:07:00 AM
Fluoride	0.964	0.100	mg/L	1	12/20/2006 2:45:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-02

Client Sample ID: MW-61
Collection Date: 12/8/2006 1:56:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Sulfate	721		20.0	mg/L	20	12/20/2006 3:07:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/25/2006 6:28:00 PM
Surr: Selenate (surr)	107		80-120	%REC	1	12/20/2006 2:45:00 AM
Surr: Selenate (surr)	96.2		80-120	%REC	20	12/20/2006 3:07:00 AM
Surr: Selenate (surr)	104		80-120	%REC	5	12/25/2006 6:28:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	664		5.00	mg/L	1	12/19/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	664		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.81	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,470		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-03

Client Sample ID: KWB-13
Collection Date: 12/11/2006 9:36:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/22/2006 12:49:00 AM
Surr: 2-Fluorobiphenyl	71.1		70-130	%REC	1	12/22/2006 12:49:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 5:55:12 PM
ICP METALS, TOTAL						
Arsenic	0.00966		0.00500	mg/L	1	12/22/2006 5:06:00 PM
Barium	0.0304		0.00500	mg/L	1	12/22/2006 5:06:00 PM
Cadmium	ND		0.00200	mg/L	1	12/22/2006 5:06:00 PM
Chromium	ND		0.00500	mg/L	1	12/22/2006 5:06:00 PM
Lead	0.00598		0.00500	mg/L	1	12/22/2006 5:06:00 PM
Magnesium	211		20.0	mg/L	100	12/26/2006 4:41:00 PM
Potassium	0.884		0.200	mg/L	1	12/22/2006 5:06:00 PM
Selenium	0.0214		0.00500	mg/L	1	12/22/2006 5:06:00 PM
Silver	ND		0.00500	mg/L	1	12/22/2006 5:06:00 PM
Sodium	159		20.0	mg/L	100	12/26/2006 4:41:00 PM
Vanadium	0.0238		0.00500	mg/L	1	12/22/2006 5:06:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 9:33:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 9:33:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 9:33:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 9:33:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 9:33:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-03

Client Sample ID: KWB-13
Collection Date: 12/11/2006 9:36:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 9:33:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 9:33:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 9:33:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 9:33:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 9:33:00 PM
Surr: 1,2-Dichloroethane-d4	114		70-125	%REC	1	12/16/2006 9:33:00 PM
Surr: 4-Bromofluorobenzene	82.0		72.4-125	%REC	1	12/16/2006 9:33:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/16/2006 9:33:00 PM
Surr: Toluene-d8	90.8		75-125	%REC	1	12/16/2006 9:33:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**Analyst: **LMD**

Chloride	201	2.50	mg/L	5	12/20/2006 3:51:00 AM
Fluoride	0.797	0.100	mg/L	1	12/20/2006 3:29:00 AM
Sulfate	1,810	50.0	mg/L	50	12/20/2006 4:13:00 AM
Nitrate/Nitrite (as N)	17.5	0.500	mg/L	5	12/25/2006 6:50:00 PM
Surr: Selenate (surr)	95.5	80-120	%REC	1	12/20/2006 3:29:00 AM
Surr: Selenate (surr)	96.9	80-120	%REC	5	12/20/2006 3:51:00 AM
Surr: Selenate (surr)	97.4	80-120	%REC	50	12/20/2006 4:13:00 AM
Surr: Selenate (surr)	102	80-120	%REC	5	12/25/2006 6:50:00 PM

ALKALINITY**E310.1**Analyst: **PV**

Alkalinity, Bicarbonate (As CaCO3)	264	5.00	mg/L	1	12/19/2006
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Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-13

Work Order: 0612264

Collection Date: 12/11/2006 9:36:00 AM

Project: Navajo Artesia

Lab ID: 0612264-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	264		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.89	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,490		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-04

Client Sample ID: MW-52
Collection Date: 12/11/2006 10:20:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 12/15/2006 Analyst: JBA		
TPH (Diesel Range)	0.16		0.050	mg/L	1	12/22/2006 1:28:00 AM
<i>Surr: 2-Fluorobiphenyl</i>	75.4		70-130	%REC	1	12/22/2006 1:28:00 AM
MERCURY, TOTAL						
			SW7470	Prep Date: 12/20/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	12/20/2006 5:57:14 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 12/15/2006 Analyst: SA		
Arsenic	0.00855		0.00500	mg/L	1	12/26/2006 2:47:00 PM
Barium	0.0148		0.00500	mg/L	1	12/26/2006 2:47:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 2:47:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 2:47:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 2:47:00 PM
Magnesium	197		20.0	mg/L	100	12/26/2006 4:47:00 PM
Potassium	0.536		0.200	mg/L	1	12/26/2006 2:47:00 PM
Selenium	0.00556		0.00500	mg/L	1	12/26/2006 2:47:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 2:47:00 PM
Sodium	400		20.0	mg/L	100	12/26/2006 4:47:00 PM
Vanadium	0.0249		0.00500	mg/L	1	12/26/2006 2:47:00 PM
VOLATILES BY GC/MS						
			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
2-Butanone	ND		10	µg/L	1	12/19/2006 12:07:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 12:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 12:07:00 PM
Acetone	ND		10	µg/L	1	12/19/2006 12:07:00 PM
Benzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Bromoform	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 12:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-04

Client Sample ID: MW-52
Collection Date: 12/11/2006 10:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
m,p-Xylene	ND		10	µg/L	1	12/19/2006 12:07:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 12:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Naphthalene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
o-Xylene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Toluene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 12:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 12:07:00 PM
Xylenes, Total	ND		15	µg/L	1	12/19/2006 12:07:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/19/2006 12:07:00 PM
Surr: 4-Bromofluorobenzene	100		72.4-125	%REC	1	12/19/2006 12:07:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/19/2006 12:07:00 PM
Surr: Toluene-d8	85.8		75-125	%REC	1	12/19/2006 12:07:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**Analyst: **LMD**

Chloride	264	5.00	mg/L	10	12/20/2006 4:56:00 AM
Fluoride	1.73	0.100	mg/L	1	12/20/2006 4:34:00 AM
Sulfate	1,290	50.0	mg/L	50	12/20/2006 5:18:00 AM
Nitrate/Nitrite (as N)	4.34	0.500	mg/L	5	12/25/2006 7:12:00 PM
Surr: Selenate (surr)	97.1	80-120	%REC	1	12/20/2006 4:34:00 AM
Surr: Selenate (surr)	97.1	80-120	%REC	10	12/20/2006 4:56:00 AM
Surr: Selenate (surr)	98.0	80-120	%REC	50	12/20/2006 5:18:00 AM
Surr: Selenate (surr)	102	80-120	%REC	5	12/25/2006 7:12:00 PM

ALKALINITY**E310.1**Analyst: **PV**

Alkalinity, Bicarbonate (As CaCO3)	569	5.00	mg/L	1	12/19/2006
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Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-52

Work Order: 0612264

Collection Date: 12/11/2006 10:20:00 AM

Project: Navajo Artesia

Lab ID: 0612264-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	569		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.83	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,910		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-05

Client Sample ID: KWB-2R
Collection Date: 12/11/2006 10:53:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	3.6		0.10	mg/L	2	12/22/2006 2:06:00 AM
Surr: 2-Fluorobiphenyl	80.8		70-130	%REC	2	12/22/2006 2:06:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 5:59:18 PM
ICP METALS, TOTAL						
Arsenic	0.0162		0.00500	mg/L	1	12/26/2006 2:53:00 PM
Barium	0.350		0.00500	mg/L	1	12/26/2006 2:53:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 2:53:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 2:53:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 2:53:00 PM
Magnesium	139		20.0	mg/L	100	12/26/2006 5:12:00 PM
Potassium	0.654		0.200	mg/L	1	12/26/2006 2:53:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 2:53:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 2:53:00 PM
Sodium	318		20.0	mg/L	100	12/26/2006 5:12:00 PM
Vanadium	ND		0.00500	mg/L	1	12/26/2006 2:53:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,2,4-Trimethylbenzene	35		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 5:53:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 5:53:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 5:53:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 5:53:00 PM
Benzene	810		50	µg/L	10	12/21/2006 3:04:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Bromoform	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 5:53:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-2R

Work Order: 0612264

Collection Date: 12/11/2006 10:53:00 AM

Project: Navajo Artesia

Lab ID: 0612264-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Ethylbenzene	72		5.0	µg/L	1	12/20/2006 5:53:00 PM
Isopropylbenzene	19		5.0	µg/L	1	12/20/2006 5:53:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 5:53:00 PM
Methyl tert-butyl ether	360		50	µg/L	10	12/21/2006 3:04:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 5:53:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
n-Propylbenzene	34		5.0	µg/L	1	12/20/2006 5:53:00 PM
Naphthalene	39		5.0	µg/L	1	12/20/2006 5:53:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
sec-Butylbenzene	6.8		5.0	µg/L	1	12/20/2006 5:53:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 5:53:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 5:53:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 5:53:00 PM
Surr: 1,2-Dichloroethane-d4	91.6		70-125	%REC	1	12/20/2006 5:53:00 PM
Surr: 1,2-Dichloroethane-d4	96.6		70-125	%REC	10	12/21/2006 3:04:00 PM
Surr: 4-Bromofluorobenzene	90.2		72.4-125	%REC	1	12/20/2006 5:53:00 PM
Surr: 4-Bromofluorobenzene	90.0		72.4-125	%REC	10	12/21/2006 3:04:00 PM
Surr: Dibromofluoromethane	97.2		71.2-125	%REC	10	12/21/2006 3:04:00 PM
Surr: Dibromofluoromethane	90.7		71.2-125	%REC	1	12/20/2006 5:53:00 PM
Surr: Toluene-d8	89.0		75-125	%REC	1	12/20/2006 5:53:00 PM
Surr: Toluene-d8	89.5		75-125	%REC	10	12/21/2006 3:04:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	413	10.0	mg/L	20	12/20/2006 2:04:00 PM
Fluoride	0.762	0.100	mg/L	1	12/20/2006 6:46:00 AM
Sulfate	562	20.0	mg/L	20	12/20/2006 2:04:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/25/2006 7:34:00 PM
Surr: Selenate (surr)	92.7	80-120	%REC	20	12/20/2006 2:04:00 PM
Surr: Selenate (surr)	98.9	80-120	%REC	1	12/20/2006 6:46:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-05

Client Sample ID: KWB-2R
Collection Date: 12/11/2006 10:53:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	101		80-120	%REC	5	12/25/2006 7:34:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	696		5.00	mg/L	1	12/19/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	696		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.65	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,210		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-06

Client Sample ID: MW-58
Collection Date: 12/11/2006 11:55:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.23		SW8015M	0.050 mg/L	1	Prep Date: 12/15/2006 Analyst: JBA 12/20/2006 12:34:00 AM
Surr: 2-Fluorobiphenyl	71.2		70-130	%REC	1	12/20/2006 12:34:00 AM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200 mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ 12/20/2006 6:01:20 PM
ICP METALS, TOTAL						
Arsenic	0.0673		SW6020	0.00500 mg/L	1	Prep Date: 12/16/2006 Analyst: ALR 12/21/2006 6:47:00 PM
Barium	0.370		0.00500 mg/L		1	12/21/2006 6:47:00 PM
Cadmium	ND		0.00200 mg/L		1	12/21/2006 6:47:00 PM
Chromium	ND		0.00500 mg/L		1	12/21/2006 6:47:00 PM
Lead	ND		0.00500 mg/L		1	12/21/2006 6:47:00 PM
Magnesium	153		0.200 mg/L		1	12/21/2006 6:47:00 PM
Potassium	0.221		0.200 mg/L		1	12/21/2006 6:47:00 PM
Selenium	ND		0.00500 mg/L		1	12/21/2006 6:47:00 PM
Silver	ND		0.00500 mg/L		1	12/21/2006 6:47:00 PM
Sodium	105		0.200 mg/L		1	12/21/2006 6:47:00 PM
Vanadium	ND		0.00500 mg/L		1	12/21/2006 6:47:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260	5.0 µg/L	1	Analyst: PC 12/20/2006 10:54:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,1,2-Trichloroethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,1-Dichloroethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,1-Dichloroethene	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,2,4-Trimethylbenzene	27		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,2-Dibromoethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,2-Dichloroethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,2-Dichloropropane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
1,3,5-Trimethylbenzene	6.8		5.0 µg/L		1	12/20/2006 10:54:00 PM
2-Butanone	ND		10 µg/L		1	12/20/2006 10:54:00 PM
2-Hexanone	ND		10 µg/L		1	12/20/2006 10:54:00 PM
4-Isopropyltoluene	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
4-Methyl-2-pentanone	ND		10 µg/L		1	12/20/2006 10:54:00 PM
Acetone	ND		10 µg/L		1	12/20/2006 10:54:00 PM
Benzene	540		25 µg/L		5	12/21/2006 3:54:00 PM
Bromodichloromethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
Bromoform	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
Bromomethane	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM
Carbon disulfide	ND		10 µg/L		1	12/20/2006 10:54:00 PM
Carbon tetrachloride	ND		5.0 µg/L		1	12/20/2006 10:54:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-06

Client Sample ID: MW-58
Collection Date: 12/11/2006 11:55:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Ethylbenzene	60		5.0	µg/L	1	12/20/2006 10:54:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
m,p-Xylene	44		10	µg/L	1	12/20/2006 10:54:00 PM
Methyl tert-butyl ether	220		25	µg/L	5	12/21/2006 3:54:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 10:54:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
n-Propylbenzene	5.5		5.0	µg/L	1	12/20/2006 10:54:00 PM
Naphthalene	14		5.0	µg/L	1	12/20/2006 10:54:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 10:54:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 10:54:00 PM
Xylenes, Total	45		15	µg/L	1	12/20/2006 10:54:00 PM
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	5	12/21/2006 3:54:00 PM
Surr: 1,2-Dichloroethane-d4	99.5		70-125	%REC	1	12/20/2006 10:54:00 PM
Surr: 4-Bromofluorobenzene	90.7		72.4-125	%REC	1	12/20/2006 10:54:00 PM
Surr: 4-Bromofluorobenzene	92.4		72.4-125	%REC	5	12/21/2006 3:54:00 PM
Surr: Dibromofluoromethane	93.6		71.2-125	%REC	1	12/20/2006 10:54:00 PM
Surr: Dibromofluoromethane	99.5		71.2-125	%REC	5	12/21/2006 3:54:00 PM
Surr: Toluene-d8	88.0		75-125	%REC	1	12/20/2006 10:54:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**Analyst: **LMD**

Chloride	341	5.00	mg/L	10	12/20/2006 7:52:00 AM
Fluoride	0.957	0.100	mg/L	1	12/20/2006 7:30:00 AM
Sulfate	219	10.0	mg/L	10	12/20/2006 7:52:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/25/2006 7:56:00 PM
Surr: Selenate (surr)	96.8	80-120	%REC	1	12/20/2006 7:30:00 AM
Surr: Selenate (surr)	97.9	80-120	%REC	10	12/20/2006 7:52:00 AM
Surr: Selenate (surr)	104	80-120	%REC	5	12/25/2006 7:56:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-06

Client Sample ID: MW-58
Collection Date: 12/11/2006 11:55:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	717		5.00	mg/L	1	12/19/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	717		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.55	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	1,500		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-07

Client Sample ID: KWB-5
Collection Date: 12/11/2006 12:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.3		0.050	mg/L	1	12/20/2006 1:13:00 AM
Surr: 2-Fluorobiphenyl	90.1		70-130	%REC	1	12/20/2006 1:13:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:03:23 PM
ICP METALS, TOTAL						
Arsenic	0.0163		0.00500	mg/L	1	12/26/2006 2:59:00 PM
Barium	2.01		0.100	mg/L	20	12/26/2006 5:19:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 2:59:00 PM
Chromium	0.00514		0.00500	mg/L	1	12/26/2006 2:59:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 2:59:00 PM
Magnesium	101		4.00	mg/L	20	12/26/2006 5:19:00 PM
Potassium	1.45		0.200	mg/L	1	12/26/2006 2:59:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 2:59:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 2:59:00 PM
Sodium	150		4.00	mg/L	20	12/26/2006 5:19:00 PM
Vanadium	ND		0.00500	mg/L	1	12/26/2006 2:59:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,2,4-Trimethylbenzene	83		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
1,3,5-Trimethylbenzene	22		5.0	µg/L	1	12/21/2006 12:59:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 12:59:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 12:59:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 12:59:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 12:59:00 PM
Benzene	9,400		1,000	µg/L	200	12/21/2006 4:44:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 12:59:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-5

Work Order: 0612264

Collection Date: 12/11/2006 12:40:00 PM

Project: Navajo Artesia

Lab ID: 0612264-07

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Ethylbenzene	250		120	µg/L	25	12/21/2006 4:19:00 PM
Isopropylbenzene	62		5.0	µg/L	1	12/21/2006 12:59:00 PM
m,p-Xylene	270		10	µg/L	1	12/21/2006 12:59:00 PM
Methyl tert-butyl ether	6,200		1,000	µg/L	200	12/21/2006 4:44:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 12:59:00 PM
n-Butylbenzene	19		5.0	µg/L	1	12/21/2006 12:59:00 PM
n-Propylbenzene	98		5.0	µg/L	1	12/21/2006 12:59:00 PM
Naphthalene	83		5.0	µg/L	1	12/21/2006 12:59:00 PM
o-Xylene	38		5.0	µg/L	1	12/21/2006 12:59:00 PM
sec-Butylbenzene	13		5.0	µg/L	1	12/21/2006 12:59:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Toluene	420		120	µg/L	25	12/21/2006 4:19:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 12:59:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 12:59:00 PM
Xylenes, Total	310		15	µg/L	1	12/21/2006 12:59:00 PM
Surr: 1,2-Dichloroethane-d4	101		70-125	%REC	1	12/21/2006 12:59:00 PM
Surr: 1,2-Dichloroethane-d4	96.5		70-125	%REC	25	12/21/2006 4:19:00 PM
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	200	12/21/2006 4:44:00 PM
Surr: 4-Bromofluorobenzene	90.2		72.4-125	%REC	1	12/21/2006 12:59:00 PM
Surr: 4-Bromofluorobenzene	92.0		72.4-125	%REC	25	12/21/2006 4:19:00 PM
Surr: 4-Bromofluorobenzene	84.6		72.4-125	%REC	200	12/21/2006 4:44:00 PM
Surr: Dibromofluoromethane	91.1		71.2-125	%REC	1	12/21/2006 12:59:00 PM
Surr: Dibromofluoromethane	98.0		71.2-125	%REC	25	12/21/2006 4:19:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	200	12/21/2006 4:44:00 PM
Surr: Toluene-d8	91.1		75-125	%REC	25	12/21/2006 4:19:00 PM
Surr: Toluene-d8	90.7		75-125	%REC	200	12/21/2006 4:44:00 PM
Surr: Toluene-d8	87.9		75-125	%REC	1	12/21/2006 12:59:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	324	5.00	mg/L	10	12/20/2006 2:26:00 PM
Fluoride	0.814	0.100	mg/L	1	12/20/2006 8:14:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-07

Client Sample ID: KWB-5
Collection Date: 12/11/2006 12:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Sulfate	2.73		1.00	mg/L	1	12/20/2006 8:14:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/25/2006 8:18:00 PM
Surr: Selenate (surr)	104		80-120	%REC	5	12/25/2006 8:18:00 PM
Surr: Selenate (surr)	101		80-120	%REC	10	12/20/2006 2:26:00 PM
Surr: Selenate (surr)	96.2		80-120	%REC	1	12/20/2006 8:14:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	790		5.00	mg/L	1	12/19/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/19/2006
Alkalinity, Total (As CaCO ₃)	790		5.00	mg/L	1	12/19/2006
PH			E150.1			Analyst: RPM
pH	6.68	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	1,230		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-08

Client Sample ID: KWB-10
Collection Date: 12/11/2006 1:40:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.26		SW8015M 0.050	mg/L	1	Prep Date: 12/15/2006 Analyst: JBA 12/20/2006 1:52:00 AM
Surr: 2-Fluorobiphenyl	70.6		70-130 %REC	%REC	1	12/20/2006 1:52:00 AM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ 12/20/2006 6:05:26 PM
ICP METALS, TOTAL						
Arsenic	0.0527		SW6020 0.00500	mg/L	1	Prep Date: 12/15/2006 Analyst: SA 12/26/2006 3:05:00 PM
Barium	0.682		0.00500	mg/L	1	12/26/2006 3:05:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 3:05:00 PM
Chromium	0.00884		0.00500	mg/L	1	12/26/2006 3:05:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 3:05:00 PM
Magnesium	93.3		0.200	mg/L	1	12/26/2006 3:05:00 PM
Potassium	0.280		0.200	mg/L	1	12/26/2006 3:05:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 3:05:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 3:05:00 PM
Sodium	116		0.200	mg/L	1	12/26/2006 3:05:00 PM
Vanadium	ND		0.00500	mg/L	1	12/26/2006 3:05:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/20/2006 4:13:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 4:13:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 4:13:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 4:13:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 4:13:00 PM
Benzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Bromoform	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 4:13:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-08

Client Sample ID: KWB-10
Collection Date: 12/11/2006 1:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 4:13:00 PM
Methyl tert-butyl ether	6,200		250	µg/L	50	12/21/2006 2:14:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 4:13:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Naphthalene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 4:13:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 4:13:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 4:13:00 PM
Surr: 1,2-Dichloroethane-d4	96.9		70-125	%REC	1	12/20/2006 4:13:00 PM
Surr: 1,2-Dichloroethane-d4	97.0		70-125	%REC	50	12/21/2006 2:14:00 PM
Surr: 4-Bromofluorobenzene	89.7		72.4-125	%REC	1	12/20/2006 4:13:00 PM
Surr: 4-Bromofluorobenzene	91.1		72.4-125	%REC	50	12/21/2006 2:14:00 PM
Surr: Dibromofluoromethane	99.1		71.2-125	%REC	50	12/21/2006 2:14:00 PM
Surr: Dibromofluoromethane	94.5		71.2-125	%REC	1	12/20/2006 4:13:00 PM
Surr: Toluene-d8	89.0		75-125	%REC	1	12/20/2006 4:13:00 PM
Surr: Toluene-d8	87.3		75-125	%REC	50	12/21/2006 2:14:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	151		2.50	mg/L	5	12/20/2006 9:19:00 AM
Fluoride	1.04		0.100	mg/L	1	12/20/2006 8:57:00 AM
Sulfate	11.6		1.00	mg/L	1	12/20/2006 8:57:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/25/2006 8:40:00 PM
Surr: Selenate (surr)	96.0		80-120	%REC	1	12/20/2006 8:57:00 AM
Surr: Selenate (surr)	97.0		80-120	%REC	5	12/20/2006 9:19:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-08

Client Sample ID: KWB-10
Collection Date: 12/11/2006 1:40:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
<i>Surr: Selenate (surr)</i>	103		80-120	%REC	5	12/25/2006 8:40:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	738		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	738		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	6.66	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	1,060		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-09

Client Sample ID: KWB-1C
Collection Date: 12/11/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ 12/20/2006 6:07:29 PM
ICP METALS, TOTAL						
Arsenic	0.00846		SW6020 0.00500	mg/L	1	Prep Date: 12/15/2006 Analyst: SA 12/26/2006 3:17:00 PM
Barium	0.0116		0.00500	mg/L	1	12/26/2006 3:17:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 3:17:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 3:17:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 3:17:00 PM
Magnesium	311		20.0	mg/L	100	12/26/2006 5:25:00 PM
Potassium	1.44		0.200	mg/L	1	12/26/2006 3:17:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 3:17:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 3:17:00 PM
Sodium	225		20.0	mg/L	100	12/26/2006 5:25:00 PM
Vanadium	0.00963		0.00500	mg/L	1	12/26/2006 3:17:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/16/2006 9:58:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 9:58:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 9:58:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 9:58:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 9:58:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 9:58:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-09

Client Sample ID: KWB-1C
Collection Date: 12/11/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 9:58:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 9:58:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 9:58:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 9:58:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 9:58:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	12/16/2006 9:58:00 PM
Surr: 4-Bromofluorobenzene	84.3		72.4-125	%REC	1	12/16/2006 9:58:00 PM
Surr: Dibromofluoromethane	104		71.2-125	%REC	1	12/16/2006 9:58:00 PM
Surr: Toluene-d8	88.8		75-125	%REC	1	12/16/2006 9:58:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	191	2.50	mg/L	5	12/20/2006 10:03:00 AM
Fluoride	1.02	0.100	mg/L	1	12/20/2006 9:41:00 AM
Sulfate	2,120	50.0	mg/L	50	12/20/2006 11:31:00 AM
Nitrate/Nitrite (as N)	0.534	0.500	mg/L	5	12/25/2006 9:02:00 PM
Surr: Selenate (surr)	97.9	80-120	%REC	5	12/20/2006 10:03:00 AM
Surr: Selenate (surr)	96.7	80-120	%REC	50	12/20/2006 11:31:00 AM
Surr: Selenate (surr)	95.8	80-120	%REC	1	12/20/2006 9:41:00 AM
Surr: Selenate (surr)	99.7	80-120	%REC	5	12/25/2006 9:02:00 PM

ALKALINITY**E310.1**

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	379	5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO3)	379	5.00	mg/L	1	12/20/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-09

Client Sample ID: KWB-1C
Collection Date: 12/11/2006 3:20:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: RPM
pH	6.84	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,960		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-10

Client Sample ID: RW-18
Collection Date: 12/11/2006 3:50:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	Prep Date: 12/20/2006 1	Analyst: JCJ 12/20/2006 6:09:33 PM
ICP METALS, TOTAL						
Arsenic	0.00916		SW6020 0.00500	mg/L	Prep Date: 12/15/2006 1	Analyst: SA 12/26/2006 3:23:00 PM
Barium	0.0142		0.00500	mg/L	1	12/26/2006 3:23:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 3:23:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 3:23:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 3:23:00 PM
Magnesium	560		20.0	mg/L	100	12/26/2006 5:31:00 PM
Potassium	1.01		0.200	mg/L	1	12/26/2006 3:23:00 PM
Selenium	0.00704		0.00500	mg/L	1	12/26/2006 3:23:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 3:23:00 PM
Sodium	275		20.0	mg/L	100	12/26/2006 5:31:00 PM
Vanadium	0.0234		0.00500	mg/L	1	12/26/2006 3:23:00 PM
VOLATILES BY GC/MS						
			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 10:23:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 10:23:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 10:23:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 10:23:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 10:23:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-10

Client Sample ID: RW-18
Collection Date: 12/11/2006 3:50:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 10:23:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 10:23:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 10:23:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 10:23:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 10:23:00 PM
Surr: 1,2-Dichloroethane-d4	110		70-125	%REC	1	12/16/2006 10:23:00 PM
Surr: 4-Bromofluorobenzene	83.0		72.4-125	%REC	1	12/16/2006 10:23:00 PM
Surr: Dibromofluoromethane	104		71.2-125	%REC	1	12/16/2006 10:23:00 PM
Surr: Toluene-d8	91.0		75-125	%REC	1	12/16/2006 10:23:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	253		5.00	mg/L	10	12/20/2006 12:15:00 PM
Fluoride	2.53		0.100	mg/L	1	12/20/2006 11:53:00 AM
Sulfate	3,550		100	mg/L	100	12/20/2006 12:37:00 PM
Nitrate/Nitrite (as N)	0.823		0.500	mg/L	5	12/26/2006 5:07:00 PM
Surr: Selenate (surr)	95.3		80-120	%REC	1	12/20/2006 11:53:00 AM
Surr: Selenate (surr)	98.1		80-120	%REC	10	12/20/2006 12:15:00 PM
Surr: Selenate (surr)	96.9		80-120	%REC	100	12/20/2006 12:37:00 PM
Surr: Selenate (surr)	103		80-120	%REC	5	12/26/2006 5:07:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	295		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO3)	295		5.00	mg/L	1	12/20/2006

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-10

Client Sample ID: RW-18
Collection Date: 12/11/2006 3:50:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: RPM
pH	7.04	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,860		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-11

Client Sample ID: NP-3
Collection Date: 12/11/2006 4:15:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			Prep Date: 12/20/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:11:33 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/15/2006 Analyst: SA
Arsenic	0.0112		0.00500	mg/L	1	12/26/2006 3:29:00 PM
Barium	0.0234		0.00500	mg/L	1	12/26/2006 3:29:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 3:29:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 3:29:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 3:29:00 PM
Magnesium	206		20.0	mg/L	100	12/26/2006 5:47:00 PM
Potassium	3.59		0.200	mg/L	1	12/26/2006 3:29:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 3:29:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 3:29:00 PM
Sodium	169		20.0	mg/L	100	12/26/2006 5:47:00 PM
Vanadium	0.0118		0.00500	mg/L	1	12/26/2006 3:29:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 10:48:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 10:48:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 10:48:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 10:48:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 10:48:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: NP-3

Work Order: 0612264

Collection Date: 12/11/2006 4:15:00 PM

Project: Navajo Artesia

Lab ID: 0612264-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 10:48:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 10:48:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 10:48:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 10:48:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 10:48:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	12/16/2006 10:48:00 PM
Surr: 4-Bromofluorobenzene	87.6		72.4-125	%REC	1	12/16/2006 10:48:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/16/2006 10:48:00 PM
Surr: Toluene-d8	90.2		75-125	%REC	1	12/16/2006 10:48:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	204	2.50	mg/L	5	12/20/2006 1:20:00 PM
Fluoride	1.95	0.100	mg/L	1	12/20/2006 12:59:00 PM
Sulfate	1,600	50.0	mg/L	50	12/20/2006 1:42:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/25/2006 9:23:00 PM
Surr: Selenate (surr)	96.3	80-120	%REC	1	12/20/2006 12:59:00 PM
Surr: Selenate (surr)	96.7	80-120	%REC	5	12/20/2006 1:20:00 PM
Surr: Selenate (surr)	96.8	80-120	%REC	50	12/20/2006 1:42:00 PM
Surr: Selenate (surr)	99.2	80-120	%REC	5	12/25/2006 9:23:00 PM

ALKALINITY

E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	253	5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO3)	253	5.00	mg/L	1	12/20/2006

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: NP-3

Work Order: 0612264

Collection Date: 12/11/2006 4:15:00 PM

Project: Navajo Artesia

Lab ID: 0612264-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: RPM
pH	7.05	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,160		10.0	mg/L	1	12/14/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

AR Page 33 of 98

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-12

Client Sample ID: MW-16
Collection Date: 12/12/2006 10:40:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.11		0.050	mg/L	1	12/28/2006 1:29:00 AM
Surr: 2-Fluorobiphenyl	77.5		70-130	%REC	1	12/28/2006 1:29:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:13:33 PM
ICP METALS, TOTAL						
Arsenic	0.0124		0.00500	mg/L	1	12/26/2006 3:53:00 PM
Barium	0.0169		0.00500	mg/L	1	12/26/2006 3:53:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 3:53:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 3:53:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 3:53:00 PM
Magnesium	241		20.0	mg/L	100	12/26/2006 5:53:00 PM
Potassium	10.7		0.200	mg/L	1	12/26/2006 3:53:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 3:53:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 3:53:00 PM
Sodium	431		20.0	mg/L	100	12/26/2006 5:53:00 PM
Vanadium	0.00697		0.00500	mg/L	1	12/26/2006 3:53:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 2:08:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 2:08:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 2:08:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 2:08:00 PM
Benzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Bromoform	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 2:08:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia
 Lab ID: 0612264-12

Client Sample ID: MW-16
 Collection Date: 12/12/2006 10:40:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 2:08:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 2:08:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Naphthalene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 2:08:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 2:08:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 2:08:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/20/2006 2:08:00 PM
Surr: 4-Bromofluorobenzene	92.4		72.4-125	%REC	1	12/20/2006 2:08:00 PM
Surr: Dibromofluoromethane	104		71.2-125	%REC	1	12/20/2006 2:08:00 PM
Surr: Toluene-d8	90.2		75-125	%REC	1	12/20/2006 2:08:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	639	10.0	mg/L	20	12/21/2006 5:59:00 PM
Fluoride	2.31	0.100	mg/L	1	12/21/2006 5:37:00 PM
Sulfate	2,260	100	mg/L	100	12/21/2006 7:49:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/25/2006 11:13:00 PM
Surr: Selenate (surr)	94.1	80-120	%REC	1	12/21/2006 5:37:00 PM
Surr: Selenate (surr)	96.5	80-120	%REC	20	12/21/2006 5:59:00 PM
Surr: Selenate (surr)	97.6	80-120	%REC	100	12/21/2006 7:49:00 PM
Surr: Selenate (surr)	99.0	80-120	%REC	5	12/25/2006 11:13:00 PM

ALKALINITY

E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	285	5.00	mg/L	1	12/20/2006
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Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-16

Work Order: 0612264

Collection Date: 12/12/2006 10:40:00 AM

Project: Navajo Artesia

Lab ID: 0612264-12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	285		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.09	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	4,750		10.0	mg/L	1	12/14/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

AR Page 36 of 98

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-13

Client Sample ID: MW-26
Collection Date: 12/12/2006 11:15:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/28/2006 2:08:00 AM
Surr: 2-Fluorobiphenyl	86.5		70-130	%REC	1	12/28/2006 2:08:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:19:38 PM
ICP METALS, TOTAL						
Arsenic	0.00804		0.00500	mg/L	1	12/26/2006 3:59:00 PM
Barium	0.0138		0.00500	mg/L	1	12/26/2006 3:59:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 3:59:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 3:59:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 3:59:00 PM
Magnesium	402		20.0	mg/L	100	12/26/2006 5:59:00 PM
Potassium	4.66		0.200	mg/L	1	12/26/2006 3:59:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 3:59:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 3:59:00 PM
Sodium	372		20.0	mg/L	100	12/26/2006 5:59:00 PM
Vanadium	0.0132		0.00500	mg/L	1	12/26/2006 3:59:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 2:33:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 2:33:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 2:33:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 2:33:00 PM
Benzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Bromoform	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 2:33:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-13

Client Sample ID: MW-26
Collection Date: 12/12/2006 11:15:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 2:33:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 2:33:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Naphthalene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 2:33:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 2:33:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 2:33:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/20/2006 2:33:00 PM
Surr: 4-Bromofluorobenzene	82.4		72.4-125	%REC	1	12/20/2006 2:33:00 PM
Surr: Dibromofluoromethane	95.6		71.2-125	%REC	1	12/20/2006 2:33:00 PM
Surr: Toluene-d8	90.4		75-125	%REC	1	12/20/2006 2:33:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	568		50.0	mg/L	100	12/21/2006 8:54:00 PM
Fluoride	2.11		0.100	mg/L	1	12/21/2006 8:11:00 PM
Sulfate	2,910		100	mg/L	100	12/21/2006 8:54:00 PM
Nitrate/Nitrite (as N)	1.50		0.500	mg/L	5	12/25/2006 11:35:00 PM
Surr: Selenate (surr)	94.0		80-120	%REC	1	12/21/2006 8:11:00 PM
Surr: Selenate (surr)	95.7		80-120	%REC	100	12/21/2006 8:54:00 PM
Surr: Selenate (surr)	97.7		80-120	%REC	5	12/25/2006 11:35:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	169		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/20/2006

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-26

Work Order: 0612264

Collection Date: 12/12/2006 11:15:00 AM

Project: Navajo Artesia

Lab ID: 0612264-13

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	169		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.14	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,650		10.0	mg/L	1	12/14/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-14

Client Sample ID: MW-1R
Collection Date: 12/12/2006 11:35:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/20/2006 3:50:00 AM
Surr: 2-Fluorobiphenyl	74.2		70-130	%REC	1	12/20/2006 3:50:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:21:40 PM
ICP METALS, TOTAL						
Arsenic	0.0116		0.00500	mg/L	1	12/26/2006 4:11:00 PM
Barium	0.0356		0.00500	mg/L	1	12/26/2006 4:11:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 4:11:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 4:11:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 4:11:00 PM
Magnesium	349		20.0	mg/L	100	12/26/2006 6:05:00 PM
Potassium	5.36		0.200	mg/L	1	12/26/2006 4:11:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 4:11:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 4:11:00 PM
Sodium	1,370		20.0	mg/L	100	12/26/2006 6:05:00 PM
Vanadium	ND		0.00500	mg/L	1	12/26/2006 4:11:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 2:58:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 2:58:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 2:58:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 2:58:00 PM
Benzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Bromoform	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 2:58:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-14

Client Sample ID: MW-1R
Collection Date: 12/12/2006 11:35:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 2:58:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 2:58:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Naphthalene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 2:58:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 2:58:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 2:58:00 PM
Surr: 1,2-Dichloroethane-d4	114		70-125	%REC	1	12/20/2006 2:58:00 PM
Surr: 4-Bromofluorobenzene	84.4		72.4-125	%REC	1	12/20/2006 2:58:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/20/2006 2:58:00 PM
Surr: Toluene-d8	89.4		75-125	%REC	1	12/20/2006 2:58:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	3,070	50.0	mg/L	100	12/21/2006 10:22:00 PM
Fluoride	0.855	0.100	mg/L	1	12/21/2006 10:00:00 PM
Sulfate	2,410	100	mg/L	100	12/21/2006 10:22:00 PM
Nitrate/Nitrite (as N)	0.998	0.500	mg/L	5	12/25/2006 11:57:00 PM
Surr: Selenate (surr)	85.0	80-120	%REC	1	12/21/2006 10:00:00 PM
Surr: Selenate (surr)	95.8	80-120	%REC	100	12/21/2006 10:22:00 PM
Surr: Selenate (surr)	97.0	80-120	%REC	5	12/25/2006 11:57:00 PM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	253	5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	12/20/2006

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-1R

Work Order: 0612264

Collection Date: 12/12/2006 11:35:00 AM

Project: Navajo Artesia

Lab ID: 0612264-14

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	253		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.15	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	9,230		10.0	mg/L	1	12/14/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

AR Page 42 of 98

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-15

Client Sample ID: MW-15
Collection Date: 12/12/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 12/15/2006 Analyst: JBA		
TPH (Diesel Range)	0.18		0.050	mg/L	1	12/20/2006 7:45:00 AM
Surr: 2-Fluorobiphenyl	79.3		70-130	%REC	1	12/20/2006 7:45:00 AM
GASOLINE RANGE ORGANICS						
			SW8015	Analyst: RKG		
Gasoline Range Organics	0.231		0.0500	mg/L	1	12/21/2006 3:48:00 PM
Surr: 4-Bromofluorobenzene	112		70-130	%REC	1	12/21/2006 3:48:00 PM
MERCURY, TOTAL						
			SW7470	Prep Date: 12/20/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:23:43 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 12/15/2006 Analyst: SA		
Arsenic	0.0179		0.00500	mg/L	1	12/26/2006 4:17:00 PM
Barium	0.0258		0.00500	mg/L	1	12/26/2006 4:17:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 4:17:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 4:17:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 4:17:00 PM
Magnesium	87.6		0.200	mg/L	1	12/26/2006 4:17:00 PM
Potassium	5.07		0.200	mg/L	1	12/26/2006 4:17:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 4:17:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 4:17:00 PM
Sodium	633		20.0	mg/L	100	12/26/2006 6:11:00 PM
Vanadium	ND		0.00500	mg/L	1	12/26/2006 4:17:00 PM
VOLATILES BY GC/MS						
			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 3:23:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 3:23:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 3:23:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 3:23:00 PM
Benzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-15

Client Sample ID: MW-15
Collection Date: 12/12/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 3:23:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Ethylbenzene	5.1		5.0	µg/L	1	12/20/2006 3:23:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 3:23:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 3:23:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Naphthalene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 3:23:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 3:23:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 3:23:00 PM
Surr: 1,2-Dichloroethane-d4	113		70-125	%REC	1	12/20/2006 3:23:00 PM
Surr: 4-Bromofluorobenzene	99.8		72.4-125	%REC	1	12/20/2006 3:23:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/20/2006 3:23:00 PM
Surr: Toluene-d8	83.4		75-125	%REC	1	12/20/2006 3:23:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: **LMD**

Chloride	1,120		12.5	mg/L	25	12/21/2006 11:06:00 PM
Fluoride	1.11		0.100	mg/L	1	12/21/2006 10:44:00 PM
Sulfate	1,240		25.0	mg/L	25	12/21/2006 11:06:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 12:19:00 AM
Surr: Selenate (surr)	94.8		80-120	%REC	1	12/21/2006 10:44:00 PM
Surr: Selenate (surr)	95.1		80-120	%REC	25	12/21/2006 11:06:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-15

Client Sample ID: MW-15
Collection Date: 12/12/2006 12:20:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	98.3		80-120	%REC	5	12/26/2006 12:19:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	132		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	132		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.29	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,700		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-16

Client Sample ID: OCD-1
Collection Date: 12/12/2006 1:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.43		0.050	mg/L	1	12/28/2006 2:47:00 AM
Surr: 2-Fluorobiphenyl	103		70-130	%REC	1	12/28/2006 2:47:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.114		0.0500	mg/L	1	12/21/2006 4:11:00 PM
Surr: 4-Bromofluorobenzene	112		70-130	%REC	1	12/21/2006 4:11:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 6:25:45 PM
ICP METALS, TOTAL						
Arsenic	0.0212		0.00500	mg/L	1	12/21/2006 8:52:00 PM
Barium	0.0202		0.00500	mg/L	1	12/21/2006 8:52:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 8:52:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 8:52:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 8:52:00 PM
Magnesium	192		10.0	mg/L	50	12/22/2006 6:42:00 PM
Potassium	7.05		0.200	mg/L	1	12/21/2006 8:52:00 PM
Selenium	ND		0.00500	mg/L	1	12/21/2006 8:52:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 8:52:00 PM
Sodium	2,140		10.0	mg/L	50	12/22/2006 6:42:00 PM
Vanadium	ND		0.00500	mg/L	1	12/21/2006 8:52:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
2-Butanone	ND		10	µg/L	1	12/19/2006 12:32:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 12:32:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 12:32:00 PM
Acetone	ND		10	µg/L	1	12/19/2006 12:32:00 PM
Benzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-16

Client Sample ID: OCD-1
Collection Date: 12/12/2006 1:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 12:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
m,p-Xylene	ND		10	µg/L	1	12/19/2006 12:32:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 12:32:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Naphthalene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
o-Xylene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Toluene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 12:32:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 12:32:00 PM
Xylenes, Total	ND		15	µg/L	1	12/19/2006 12:32:00 PM
Surr: 1,2-Dichloroethane-d4	113		70-125	%REC	1	12/19/2006 12:32:00 PM
Surr: 4-Bromofluorobenzene	102		72.4-125	%REC	1	12/19/2006 12:32:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/19/2006 12:32:00 PM
Surr: Toluene-d8	87.4		75-125	%REC	1	12/19/2006 12:32:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**Analyst: **LMD**

Chloride	3,420	50.0	mg/L	100	12/22/2006 5:43:00 PM
Fluoride	5.75	0.100	mg/L	1	12/22/2006 5:22:00 PM
Sulfate	2,770	100	mg/L	100	12/22/2006 5:43:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 1:46:00 AM
Surr: Selenate (surr)	86.8	80-120	%REC	1	12/22/2006 5:22:00 PM
Surr: Selenate (surr)	93.6	80-120	%REC	100	12/22/2006 5:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-16

Client Sample ID: OCD-1
Collection Date: 12/12/2006 1:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	94.7		80-120	%REC	5	12/26/2006 1:46:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	306		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	306		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.09	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	9,700		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-17

Client Sample ID: OCD-2A
Collection Date: 12/12/2006 2:10:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.057		SW8015M	0.050 mg/L	1	Prep Date: 12/15/2006 Analyst: JBA
Surr: 2-Fluorobiphenyl	74.4		70-130	%REC	1	12/20/2006 9:04:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	ND		SW8015	0.0500 mg/L	1	Analyst: RKG
Surr: 4-Bromofluorobenzene	110		70-130	%REC	1	12/21/2006 4:34:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200 mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ
ICP METALS, TOTAL						
Arsenic	0.00855		SW6020	0.00500 mg/L	1	Prep Date: 12/16/2006 Analyst: ALR
Barium	0.0227			0.00500 mg/L	1	12/21/2006 8:58:00 PM
Cadmium	ND			0.00200 mg/L	1	12/21/2006 8:58:00 PM
Chromium	ND			0.00500 mg/L	1	12/21/2006 8:58:00 PM
Lead	ND			0.00500 mg/L	1	12/21/2006 8:58:00 PM
Magnesium	189			10.0 mg/L	50	12/22/2006 6:48:00 PM
Potassium	4.46			0.200 mg/L	1	12/21/2006 8:58:00 PM
Selenium	ND			0.00500 mg/L	1	12/21/2006 8:58:00 PM
Silver	ND			0.00500 mg/L	1	12/21/2006 8:58:00 PM
Sodium	902			10.0 mg/L	50	12/22/2006 6:48:00 PM
Vanadium	ND			0.00500 mg/L	1	12/21/2006 8:58:00 PM
VOLATILES BY GC/MS						
			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,1,2,2-Tetrachloroethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,1,2-Trichloroethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,1-Dichloroethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,1-Dichloroethene	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,2,4-Trimethylbenzene	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,2-Dibromoethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,2-Dichloroethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,2-Dichloropropane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
1,3,5-Trimethylbenzene	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
2-Butanone	ND			10 µg/L	1	12/19/2006 12:58:00 PM
2-Hexanone	ND			10 µg/L	1	12/19/2006 12:58:00 PM
4-Isopropyltoluene	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
4-Methyl-2-pentanone	ND			10 µg/L	1	12/19/2006 12:58:00 PM
Acetone	ND			10 µg/L	1	12/19/2006 12:58:00 PM
Benzene	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM
Bromodichloromethane	ND			5.0 µg/L	1	12/19/2006 12:58:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-17

Client Sample ID: OCD-2A
Collection Date: 12/12/2006 2:10:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 12:58:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
m,p-Xylene	ND		10	µg/L	1	12/19/2006 12:58:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 12:58:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Naphthalene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
o-Xylene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Toluene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 12:58:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 12:58:00 PM
Xylenes, Total	ND		15	µg/L	1	12/19/2006 12:58:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/19/2006 12:58:00 PM
Surr: 4-Bromofluorobenzene	98.0		72.4-125	%REC	1	12/19/2006 12:58:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/19/2006 12:58:00 PM
Surr: Toluene-d8	89.3		75-125	%REC	1	12/19/2006 12:58:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	1,730	50.0	mg/L	100	12/22/2006 12:55:00 AM
Fluoride	1.01	0.100	mg/L	1	12/22/2006 12:34:00 AM
Sulfate	1,960	100	mg/L	100	12/22/2006 12:55:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 2:08:00 AM
Surr: Selenate (surr)	91.7	80-120	%REC	1	12/22/2006 12:34:00 AM
Surr: Selenate (surr)	95.9	80-120	%REC	100	12/22/2006 12:55:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-17

Client Sample ID: OCD-2A
Collection Date: 12/12/2006 2:10:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	96.4		80-120	%REC	5	12/26/2006 2:08:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	137		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	137		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.16	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,870		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia
 Lab ID: 0612264-18

Client Sample ID: OCD-3
 Collection Date: 12/12/2006 2:50:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		SW8015M 0.050	mg/L	1	Prep Date: 12/15/2006 Analyst: JBA 12/28/2006 3:26:00 AM
Surr: 2-Fluorobiphenyl	88.4		70-130 %REC	%REC	1	12/28/2006 3:26:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	ND		SW8015 0.0500	mg/L	1	Analyst: RKG 12/21/2006 4:57:00 PM
Surr: 4-Bromofluorobenzene	109		70-130 %REC	%REC	1	12/21/2006 4:57:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ 12/20/2006 6:29:52 PM
ICP METALS, TOTAL						
Arsenic	0.0119		SW6020 0.00500	mg/L	1	Prep Date: 12/16/2006 Analyst: ALR 12/21/2006 9:04:00 PM
Barium	0.0264		0.00500	mg/L	1	12/21/2006 9:04:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 9:04:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 9:04:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 9:04:00 PM
Magnesium	202		10.0	mg/L	50	12/22/2006 6:54:00 PM
Potassium	21.1		0.200	mg/L	1	12/21/2006 9:04:00 PM
Selenium	ND		0.00500	mg/L	1	12/21/2006 9:04:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 9:04:00 PM
Sodium	1,040		10.0	mg/L	50	12/22/2006 6:54:00 PM
Vanadium	ND		0.00500	mg/L	1	12/21/2006 9:04:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/19/2006 1:23:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
2-Butanone	ND		10	µg/L	1	12/19/2006 1:23:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 1:23:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 1:23:00 PM
Acetone	ND		10	µg/L	1	12/19/2006 1:23:00 PM
Benzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: OCD-3

Work Order: 0612264

Collection Date: 12/12/2006 2:50:00 PM

Project: Navajo Artesia

Lab ID: 0612264-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 1:23:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
m,p-Xylene	ND		10	µg/L	1	12/19/2006 1:23:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 1:23:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Naphthalene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
o-Xylene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Toluene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 1:23:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 1:23:00 PM
Xylenes, Total	ND		15	µg/L	1	12/19/2006 1:23:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/19/2006 1:23:00 PM
Surr: 4-Bromofluorobenzene	80.0		72.4-125	%REC	1	12/19/2006 1:23:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/19/2006 1:23:00 PM
Surr: Toluene-d8	88.0		75-125	%REC	1	12/19/2006 1:23:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	2,400	50.0	mg/L	100	12/22/2006 1:39:00 AM
Fluoride	0.931	0.100	mg/L	1	12/22/2006 1:17:00 AM
Sulfate	2,170	100	mg/L	100	12/22/2006 1:39:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 2:30:00 AM
Surr: Selenate (surr)	88.2	80-120	%REC	1	12/22/2006 1:17:00 AM
Surr: Selenate (surr)	95.7	80-120	%REC	100	12/22/2006 1:39:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-18

Client Sample ID: OCD-3
Collection Date: 12/12/2006 2:50:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	95.4		80-120	%REC	5	12/26/2006 2:30:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	232		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	232		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.06	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	6,980		10.0	mg/L	1	12/16/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia
 Lab ID: 0612264-19

Client Sample ID: OCD-4
 Collection Date: 12/12/2006 3:20:00 PM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 12/15/2006 Analyst: JBA
TPH (Diesel Range)	ND		0.050	mg/L	1	12/20/2006 11:41:00 AM
Surr: 2-Fluorobiphenyl	81.0		70-130	%REC	1	12/20/2006 11:41:00 AM
GASOLINE RANGE ORGANICS			SW8015			Analyst: RKG
Gasoline Range Organics	ND		0.0500	mg/L	1	12/21/2006 6:52:00 PM
Surr: 4-Bromofluorobenzene	109		70-130	%REC	1	12/21/2006 6:52:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 12/20/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/20/2006 7:53:31 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/16/2006 Analyst: ALR
Arsenic	0.00957		0.00500	mg/L	1	12/21/2006 9:10:00 PM
Barium	0.0245		0.00500	mg/L	1	12/21/2006 9:10:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 9:10:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 9:10:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 9:10:00 PM
Magnesium	274		10.0	mg/L	50	12/22/2006 7:00:00 PM
Potassium	40.3		0.200	mg/L	1	12/21/2006 9:10:00 PM
Selenium	ND		0.00500	mg/L	1	12/21/2006 9:10:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 9:10:00 PM
Sodium	2,570		10.0	mg/L	50	12/22/2006 7:00:00 PM
Vanadium	ND		0.00500	mg/L	1	12/21/2006 9:10:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
2-Butanone	ND		10	µg/L	1	12/19/2006 1:48:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 1:48:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 1:48:00 PM
Acetone	ND		10	µg/L	1	12/19/2006 1:48:00 PM
Benzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-19

Client Sample ID: OCD-4
Collection Date: 12/12/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 1:48:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
m,p-Xylene	ND		10	µg/L	1	12/19/2006 1:48:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 1:48:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Naphthalene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
o-Xylene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Toluene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 1:48:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 1:48:00 PM
Xylenes, Total	ND		15	µg/L	1	12/19/2006 1:48:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	12/19/2006 1:48:00 PM
Surr: 4-Bromofluorobenzene	81.8		72.4-125	%REC	1	12/19/2006 1:48:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/19/2006 1:48:00 PM
Surr: Toluene-d8	90.4		75-125	%REC	1	12/19/2006 1:48:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**Analyst: **LMD**

Chloride	4,690	50.0	mg/L	100	12/22/2006 2:23:00 AM
Fluoride	0.930	0.100	mg/L	1	12/22/2006 2:01:00 AM
Sulfate	2,850	100	mg/L	100	12/22/2006 2:23:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 4:20:00 AM
Surr: Selenate (surr)	80.7	80-120	%REC	1	12/22/2006 2:01:00 AM
Surr: Selenate (surr)	97.3	80-120	%REC	100	12/22/2006 2:23:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-19

Client Sample ID: OCD-4
Collection Date: 12/12/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	94.0		80-120	%REC	5	12/26/2006 4:20:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	179		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO3)	179		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.17	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	10,900		10.0	mg/L	1	12/16/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia
 Lab ID: 0612264-20

Client Sample ID: OCD-5
 Collection Date: 12/12/2006 10:50:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.10		0.050	mg/L	1	12/20/2006 12:21:00 PM
Surr: 2-Fluorobiphenyl	70.5		70-130	%REC	1	12/20/2006 12:21:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.174		0.0500	mg/L	1	12/21/2006 7:15:00 PM
Surr: 4-Bromofluorobenzene	111		70-130	%REC	1	12/21/2006 7:15:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 7:55:34 PM
ICP METALS, TOTAL						
Arsenic	0.0102		0.00500	mg/L	1	12/21/2006 9:16:00 PM
Barium	0.0233		0.00500	mg/L	1	12/21/2006 9:16:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 9:16:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 9:16:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 9:16:00 PM
Magnesium	240		10.0	mg/L	50	12/22/2006 7:06:00 PM
Potassium	36.7		0.200	mg/L	1	12/21/2006 9:16:00 PM
Selenium	ND		0.00500	mg/L	1	12/21/2006 9:16:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 9:16:00 PM
Sodium	2,750		10.0	mg/L	50	12/22/2006 7:06:00 PM
Vanadium	ND		0.00500	mg/L	1	12/21/2006 9:16:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
2-Butanone	ND		10	µg/L	1	12/19/2006 2:13:00 PM
2-Hexanone	ND		10	µg/L	1	12/19/2006 2:13:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/19/2006 2:13:00 PM
Acetone	ND		10	µg/L	1	12/19/2006 2:13:00 PM
Benzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-20

Client Sample ID: OCD-5
Collection Date: 12/12/2006 10:50:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Bromomethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Carbon disulfide	ND		10	µg/L	1	12/19/2006 2:13:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Chloroethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Chloroform	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Chloromethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
m,p-Xylene	ND		10	µg/L	1	12/19/2006 2:13:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Methylene chloride	ND		10	µg/L	1	12/19/2006 2:13:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Naphthalene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
o-Xylene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Styrene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Toluene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/19/2006 2:13:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/19/2006 2:13:00 PM
Xylenes, Total	ND		15	µg/L	1	12/19/2006 2:13:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/19/2006 2:13:00 PM
Surr: 4-Bromofluorobenzene	102		72.4-125	%REC	1	12/19/2006 2:13:00 PM
Surr: Dibromofluoromethane	100		71.2-125	%REC	1	12/19/2006 2:13:00 PM
Surr: Toluene-d8	86.7		75-125	%REC	1	12/19/2006 2:13:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	4,870	50.0	mg/L	100	12/22/2006 3:29:00 AM
Fluoride	0.843	0.100	mg/L	1	12/22/2006 3:07:00 AM
Sulfate	2,980	100	mg/L	100	12/22/2006 3:29:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 4:42:00 AM
Surr: Selenate (surr)	89.4	80-120	%REC	1	12/22/2006 3:07:00 AM
Surr: Selenate (surr)	96.5	80-120	%REC	100	12/22/2006 3:29:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-20

Client Sample ID: OCD-5
Collection Date: 12/12/2006 10:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	92.8		80-120	%REC	5	12/26/2006 4:42:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	190		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	190		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.23	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	12,200		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-21

Client Sample ID: MW-11A
Collection Date: 12/13/2006 11:30:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/20/2006 1:00:00 PM
Surr: 2-Fluorobiphenyl	71.4		70-130	%REC	1	12/20/2006 1:00:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	ND		0.0500	mg/L	1	12/21/2006 7:38:00 PM
Surr: 4-Bromofluorobenzene	109		70-130	%REC	1	12/21/2006 7:38:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/20/2006 8:11:12 PM
ICP METALS, TOTAL						
Arsenic	0.0113		0.00500	mg/L	1	12/21/2006 9:21:00 PM
Barium	0.0336		0.00500	mg/L	1	12/21/2006 9:21:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 9:21:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 9:21:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 9:21:00 PM
Magnesium	461		20.0	mg/L	100	12/22/2006 7:12:00 PM
Potassium	25.2		0.200	mg/L	1	12/21/2006 9:21:00 PM
Selenium	0.00846		0.00500	mg/L	1	12/21/2006 9:21:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 9:21:00 PM
Sodium	5,000		20.0	mg/L	100	12/22/2006 7:12:00 PM
Vanadium	ND		0.00500	mg/L	1	12/21/2006 9:21:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
2-Butanone	ND		10	µg/L	1	12/20/2006 3:48:00 PM
2-Hexanone	ND		10	µg/L	1	12/20/2006 3:48:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/20/2006 3:48:00 PM
Acetone	ND		10	µg/L	1	12/20/2006 3:48:00 PM
Benzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-11A

Work Order: 0612264

Collection Date: 12/13/2006 11:30:00 AM

Project: Navajo¹ Artesia

Lab ID: 0612264-21

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Bromomethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Carbon disulfide	ND		10	µg/L	1	12/20/2006 3:48:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Chloroethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Chloroform	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Chloromethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
m,p-Xylene	ND		10	µg/L	1	12/20/2006 3:48:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Methylene chloride	ND		10	µg/L	1	12/20/2006 3:48:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Naphthalene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
o-Xylene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Styrene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Toluene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/20/2006 3:48:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/20/2006 3:48:00 PM
Xylenes, Total	ND		15	µg/L	1	12/20/2006 3:48:00 PM
Surr: 1,2-Dichloroethane-d4	113		70-125	%REC	1	12/20/2006 3:48:00 PM
Surr: 4-Bromofluorobenzene	87.9		72.4-125	%REC	1	12/20/2006 3:48:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/20/2006 3:48:00 PM
Surr: Toluene-d8	89.5		75-125	%REC	1	12/20/2006 3:48:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	8,730	100	mg/L	200	12/24/2006 12:47:00 AM
Fluoride	0.809	0.200	mg/L	2	12/25/2006 12:09:00 AM
Sulfate	2,900	200	mg/L	200	12/24/2006 12:47:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 5:04:00 AM
Surr: Selenate (surr)	91.1	80-120	%REC	200	12/24/2006 12:47:00 AM
Surr: Selenate (surr)	91.9	80-120	%REC	2	12/25/2006 12:09:00 AM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-21

Client Sample ID: MW-11A
Collection Date: 12/13/2006 11:30:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	89.6		80-120	%REC	5	12/26/2006 5:04:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	401		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	401		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	6.97	H	0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	19,600		10.0	mg/L	1	12/14/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-22

Client Sample ID: MW-25
Collection Date: 12/13/2006 12:15:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ 12/20/2006 8:13:15 PM
ICP METALS, TOTAL						
Arsenic	ND		SW6020 0.00500	mg/L	1	Prep Date: 12/16/2006 Analyst: ALR 12/21/2006 9:27:00 PM
Barium	0.0129		0.00500	mg/L	1	12/21/2006 9:27:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 9:27:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 9:27:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 9:27:00 PM
Magnesium	162		10.0	mg/L	50	12/22/2006 7:18:00 PM
Potassium	3.87		0.200	mg/L	1	12/21/2006 9:27:00 PM
Selenium	ND		0.00500	mg/L	1	12/21/2006 9:27:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 9:27:00 PM
Sodium	738		10.0	mg/L	50	12/22/2006 7:18:00 PM
Vanadium	0.00892		0.00500	mg/L	1	12/21/2006 9:27:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/18/2006 10:46:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
2-Butanone	ND		10	µg/L	1	12/18/2006 10:46:00 PM
2-Hexanone	ND		10	µg/L	1	12/18/2006 10:46:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/18/2006 10:46:00 PM
Acetone	ND		10	µg/L	1	12/18/2006 10:46:00 PM
Benzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Bromoform	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Bromomethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Carbon disulfide	ND		10	µg/L	1	12/18/2006 10:46:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Chloroethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Chloroform	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-25

Work Order: 0612264

Collection Date: 12/13/2006 12:15:00 PM

Project: Navajo Artesia

Lab ID: 0612264-22

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
m,p-Xylene	ND		10	µg/L	1	12/18/2006 10:46:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Methylene chloride	ND		10	µg/L	1	12/18/2006 10:46:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Naphthalene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
o-Xylene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Styrene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Toluene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/18/2006 10:46:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/18/2006 10:46:00 PM
Xylenes, Total	ND		15	µg/L	1	12/18/2006 10:46:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	12/18/2006 10:46:00 PM
Surr: 4-Bromofluorobenzene	97.2		72.4-125	%REC	1	12/18/2006 10:46:00 PM
Surr: Dibromofluoromethane	106		71.2-125	%REC	1	12/18/2006 10:46:00 PM
Surr: Toluene-d8	90.1		75-125	%REC	1	12/18/2006 10:46:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	1,080	25.0	mg/L	50	12/24/2006 1:31:00 AM
Fluoride	1.14	0.100	mg/L	1	12/24/2006 1:09:00 AM
Sulfate	1,410	50.0	mg/L	50	12/24/2006 1:31:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	12/26/2006 7:37:00 AM
Surr: Selenate (surr)	91.6	80-120	%REC	1	12/24/2006 1:09:00 AM
Surr: Selenate (surr)	92.0	80-120	%REC	50	12/24/2006 1:31:00 AM
Surr: Selenate (surr)	94.2	80-120	%REC	5	12/26/2006 7:37:00 AM

ALKALINITY**E310.1**

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	179	5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO3)	179	5.00	mg/L	1	12/20/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-25

Work Order: 0612264

Collection Date: 12/13/2006 12:15:00 PM

Project: Navajo Artesia

Lab ID: 0612264-22

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: RPM
pH	7.29		0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	4,070		10.0	mg/L	1	12/16/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-23

Client Sample ID: Duplicate #1
Collection Date: 12/13/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			
Mercury	ND		0.000200	mg/L	1	Prep Date: 12/20/2006 Analyst: JCJ 12/20/2006 8:15:19 PM
ICP METALS, TOTAL			SW6020			
Arsenic	0.0105		0.00500	mg/L	1	Prep Date: 12/16/2006 Analyst: ALR 12/21/2006 9:33:00 PM
Barium	0.0205		0.00500	mg/L	1	12/21/2006 9:33:00 PM
Cadmium	ND		0.00200	mg/L	1	12/21/2006 9:33:00 PM
Chromium	ND		0.00500	mg/L	1	12/21/2006 9:33:00 PM
Lead	ND		0.00500	mg/L	1	12/21/2006 9:33:00 PM
Magnesium	195		10.0	mg/L	50	12/22/2006 7:24:00 PM
Potassium	3.66		0.200	mg/L	1	12/21/2006 9:33:00 PM
Selenium	ND		0.00500	mg/L	1	12/21/2006 9:33:00 PM
Silver	ND		0.00500	mg/L	1	12/21/2006 9:33:00 PM
Sodium	158		10.0	mg/L	50	12/22/2006 7:24:00 PM
Vanadium	0.0111		0.00500	mg/L	1	12/21/2006 9:33:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 2:27:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 2:27:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 2:27:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 2:27:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 2:27:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-23

Client Sample ID: Duplicate #1
Collection Date: 12/13/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 2:27:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 2:27:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 2:27:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 2:27:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 2:27:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/16/2006 2:27:00 PM
Surr: 4-Bromofluorobenzene	85.2		72.4-125	%REC	1	12/16/2006 2:27:00 PM
Surr: Dibromofluoromethane	104		71.2-125	%REC	1	12/16/2006 2:27:00 PM
Surr: Toluene-d8	91.0		75-125	%REC	1	12/16/2006 2:27:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**Analyst: **LMD**

Chloride	205	5.00	mg/L	10	12/24/2006 2:15:00 AM
Fluoride	1.81	0.100	mg/L	1	12/24/2006 1:53:00 AM
Sulfate	1,580	50.0	mg/L	50	12/24/2006 4:48:00 AM
Nitrate/Nitrite (as N)	0.646	0.500	mg/L	5	12/26/2006 7:59:00 AM
Surr: Selenate (surr)	92.0	80-120	%REC	1	12/24/2006 1:53:00 AM
Surr: Selenate (surr)	92.3	80-120	%REC	10	12/24/2006 2:15:00 AM
Surr: Selenate (surr)	91.3	80-120	%REC	50	12/24/2006 4:48:00 AM
Surr: Selenate (surr)	93.7	80-120	%REC	5	12/26/2006 7:59:00 AM

ALKALINITY**E310.1**Analyst: **PV**

Alkalinity, Bicarbonate (As CaCO3)	264	5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO3)	264	5.00	mg/L	1	12/20/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-23

Client Sample ID: Duplicate #1
Collection Date: 12/13/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: RPM
pH	7.03		0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,000		10.0	mg/L	1	12/16/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results percent difference > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-24

Client Sample ID: Duplicate #2
Collection Date: 12/13/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 12/15/2006 Analyst: JBA
TPH (Diesel Range)	0.063		0.050	mg/L	1	12/20/2006 1:39:00 PM
Surr: 2-Fluorobiphenyl	70.6		70-130	%REC	1	12/20/2006 1:39:00 PM
GASOLINE RANGE ORGANICS			SW8015			Analyst: RKG
Gasoline Range Organics	ND		0.0500	mg/L	1	12/26/2006 3:25:00 PM
Surr: 4-Bromofluorobenzene	113		70-130	%REC	1	12/26/2006 3:25:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 12/20/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/20/2006 8:17:23 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/16/2006 Analyst: ALR
Arsenic	0.00749		0.00500	mg/L	1	12/26/2006 4:32:00 PM
Barium	0.0220		0.00500	mg/L	1	12/26/2006 4:32:00 PM
Cadmium	ND		0.00200	mg/L	1	12/26/2006 4:32:00 PM
Chromium	ND		0.00500	mg/L	1	12/26/2006 4:32:00 PM
Lead	ND		0.00500	mg/L	1	12/26/2006 4:32:00 PM
Magnesium	191		10.0	mg/L	50	12/22/2006 7:30:00 PM
Potassium	4.31		0.200	mg/L	1	12/26/2006 4:32:00 PM
Selenium	ND		0.00500	mg/L	1	12/26/2006 4:32:00 PM
Silver	ND		0.00500	mg/L	1	12/26/2006 4:32:00 PM
Sodium	914		10.0	mg/L	50	12/22/2006 7:30:00 PM
Vanadium	ND		0.00500	mg/L	1	12/26/2006 4:32:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
2-Butanone	ND		10	µg/L	1	12/18/2006 11:11:00 PM
2-Hexanone	ND		10	µg/L	1	12/18/2006 11:11:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/18/2006 11:11:00 PM
Acetone	ND		10	µg/L	1	12/18/2006 11:11:00 PM
Benzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-24

Client Sample ID: Duplicate #2
Collection Date: 12/13/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Bromomethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Carbon disulfide	ND		10	µg/L	1	12/18/2006 11:11:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Chloroethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Chloroform	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Chloromethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
m,p-Xylene	ND		10	µg/L	1	12/18/2006 11:11:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Methylene chloride	ND		10	µg/L	1	12/18/2006 11:11:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Naphthalene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
o-Xylene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Styrene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Toluene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/18/2006 11:11:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/18/2006 11:11:00 PM
Xylenes, Total	ND		15	µg/L	1	12/18/2006 11:11:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/18/2006 11:11:00 PM
Surr: 4-Bromofluorobenzene	101		72.4-125	%REC	1	12/18/2006 11:11:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/18/2006 11:11:00 PM
Surr: Toluene-d8	90.8		75-125	%REC	1	12/18/2006 11:11:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	1,700	50.0	mg/L	100	12/24/2006 5:54:00 AM
Fluoride	0.882	0.100	mg/L	1	12/24/2006 5:32:00 AM
Sulfate	1,900	100	mg/L	100	12/24/2006 5:54:00 AM
Nitrate/Nitrite (as N)	1.33	0.500	mg/L	5	12/26/2006 8:21:00 AM
Surr: Selenate (surr)	89.7	80-120	%REC	1	12/24/2006 5:32:00 AM
Surr: Selenate (surr)	93.1	80-120	%REC	100	12/24/2006 5:54:00 AM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-24

Client Sample ID: Duplicate #2
Collection Date: 12/13/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	93.3		80-120	%REC	5	12/26/2006 8:21:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	137		5.00	mg/L	1	12/20/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/20/2006
Alkalinity, Total (As CaCO ₃)	137		5.00	mg/L	1	12/20/2006
PH			E150.1			Analyst: RPM
pH	7.12		0.100	pH units	1	12/14/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,480		10.0	mg/L	1	12/16/2006

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-25

Client Sample ID: Equipment Blank
Collection Date: 12/8/2006 2:52:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 4:07:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 4:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 4:07:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 4:07:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 4:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 4:07:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 4:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-25

Client Sample ID: Equipment Blank
Collection Date: 12/8/2006 2:52:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 4:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 4:07:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 4:07:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/16/2006 4:07:00 PM
Surr: 4-Bromofluorobenzene	81.5		72.4-125	%REC	1	12/16/2006 4:07:00 PM
Surr: Dibromofluoromethane	103		71.2-125	%REC	1	12/16/2006 4:07:00 PM
Surr: Toluene-d8	90.2		75-125	%REC	1	12/16/2006 4:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Equipment Blank 2

Work Order: 0612264

Collection Date: 12/11/2006 4:30:00 PM

Project: Navajo Artesia

Lab ID: 0612264-26

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 4:32:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 4:32:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 4:32:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 4:32:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 4:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 4:32:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 4:32:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

AR Page 75 of 98

e-Lab Analytical, Inc.**Date:** December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-26

Client Sample ID: Equipment Blank 2
Collection Date: 12/11/2006 4:30:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 4:32:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 4:32:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 4:32:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/16/2006 4:32:00 PM
Surr: 4-Bromofluorobenzene	81.2		72.4-125	%REC	1	12/16/2006 4:32:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/16/2006 4:32:00 PM
Surr: Toluene-d8	92.1		75-125	%REC	1	12/16/2006 4:32:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Equipment Blank 3

Work Order: 0612264

Collection Date: 12/12/2006 3:36:00 PM

Project: Navajo Artesia

Lab ID: 0612264-27

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 4:57:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 4:57:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 4:57:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 4:57:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 4:57:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 4:57:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 4:57:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.**Date:** December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-27

Client Sample ID: Equipment Blank 3
Collection Date: 12/12/2006 3:36:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 4:57:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 4:57:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 4:57:00 PM
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	1	12/16/2006 4:57:00 PM
Surr: 4-Bromofluorobenzene	81.0		72.4-125	%REC	1	12/16/2006 4:57:00 PM
Surr: Dibromofluoromethane	90.4		71.2-125	%REC	1	12/16/2006 4:57:00 PM
Surr: Toluene-d8	91.6		75-125	%REC	1	12/16/2006 4:57:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-28

Client Sample ID: Equipment Blank 4
Collection Date: 12/13/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 5:22:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 5:22:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 5:22:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 5:22:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 5:22:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 5:22:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 5:22:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-28

Client Sample ID: Equipment Blank 4
Collection Date: 12/13/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 5:22:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 5:22:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 5:22:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/16/2006 5:22:00 PM
Surr: 4-Bromofluorobenzene	81.4		72.4-125	%REC	1	12/16/2006 5:22:00 PM
Surr: Dibromofluoromethane	104		71.2-125	%REC	1	12/16/2006 5:22:00 PM
Surr: Toluene-d8	89.7		75-125	%REC	1	12/16/2006 5:22:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-29

Client Sample ID: Field Blank
Collection Date: 12/8/2006 2:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 5:47:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 5:47:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 5:47:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 5:47:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 5:47:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 5:47:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 5:47:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
 P - Dual Column results percent difference > 40%
 E - Value above quantitation range
 H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank

Work Order: 0612264

Collection Date: 12/8/2006 2:40:00 PM

Project: Navajo Artesia

Lab ID: 0612264-29

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 5:47:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 5:47:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 5:47:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/16/2006 5:47:00 PM
Surr: 4-Bromofluorobenzene	80.9		72.4-125	%REC	1	12/16/2006 5:47:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/16/2006 5:47:00 PM
Surr: Toluene-d8	89.3		75-125	%REC	1	12/16/2006 5:47:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results percent difference > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-30

Client Sample ID: Field Blank 2
Collection Date: 12/11/2006 4:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 6:12:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 6:12:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 6:12:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 6:12:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 6:12:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 6:12:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 6:12:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-30

Client Sample ID: Field Blank 2
Collection Date: 12/11/2006 4:25:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 6:12:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 6:12:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 6:12:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/16/2006 6:12:00 PM
Surr: 4-Bromofluorobenzene	80.6		72.4-125	%REC	1	12/16/2006 6:12:00 PM
Surr: Dibromofluoromethane	104		71.2-125	%REC	1	12/16/2006 6:12:00 PM
Surr: Toluene-d8	90.3		75-125	%REC	1	12/16/2006 6:12:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-31

Client Sample ID: Field Blank 3
Collection Date: 12/12/2006 3:32:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 6:37:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 6:37:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 6:37:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 6:37:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 6:37:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 6:37:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 6:37:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-31

Client Sample ID: Field Blank 3
Collection Date: 12/12/2006 3:32:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 6:37:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 6:37:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 6:37:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/16/2006 6:37:00 PM
Surr: 4-Bromofluorobenzene	82.6		72.4-125	%REC	1	12/16/2006 6:37:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/16/2006 6:37:00 PM
Surr: Toluene-d8	91.2		75-125	%REC	1	12/16/2006 6:37:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-32

Client Sample ID: Field Blank 4
Collection Date: 12/13/2006 12:26:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 7:02:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 7:02:00 PM
4-isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 7:02:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 7:02:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 7:02:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 7:02:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 7:02:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank 4

Work Order: 0612264

Collection Date: 12/13/2006 12:26:00 PM

Project: Navajo Artesia

Lab ID: 0612264-32

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 7:02:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 7:02:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 7:02:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/16/2006 7:02:00 PM
Surr: 4-Bromofluorobenzene	80.5		72.4-125	%REC	1	12/16/2006 7:02:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/16/2006 7:02:00 PM
Surr: Toluene-d8	90.8		75-125	%REC	1	12/16/2006 7:02:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 1

Work Order: 0612264

Collection Date: 12/13/2006 3:00:00 PM

Project: Navajo Artesia

Lab ID: 0612264-33

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 7:27:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 7:27:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 7:27:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 7:27:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 7:27:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 7:27:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 7:27:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-33

Client Sample ID: Trip Blank 1
Collection Date: 12/13/2006 3:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 7:27:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 7:27:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 7:27:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/16/2006 7:27:00 PM
Surr: 4-Bromofluorobenzene	82.6		72.4-125	%REC	1	12/16/2006 7:27:00 PM
Surr: Dibromofluoromethane	91.0		71.2-125	%REC	1	12/16/2006 7:27:00 PM
Surr: Toluene-d8	91.7		75-125	%REC	1	12/16/2006 7:27:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-34

Client Sample ID: Trip Blank 2
Collection Date: 12/13/2006 3:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 7:53:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 7:53:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 7:53:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 7:53:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 7:53:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 7:53:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 7:53:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-34

Client Sample ID: Trip Blank 2
Collection Date: 12/13/2006 3:00:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 7:53:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 7:53:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 7:53:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/16/2006 7:53:00 PM
Surr: 4-Bromofluorobenzene	82.3		72.4-125	%REC	1	12/16/2006 7:53:00 PM
Surr: Dibromofluoromethane	103		71.2-125	%REC	1	12/16/2006 7:53:00 PM
Surr: Toluene-d8	92.6		75-125	%REC	1	12/16/2006 7:53:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-35

Client Sample ID: Trip Blank 3
Collection Date: 12/13/2006 3:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 8:18:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 8:18:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 8:18:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 8:18:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 8:18:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 8:18:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 8:18:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.**Date:** December 28, 2006**CLIENT:** Navajo Refining Company**Client Sample ID:** Trip Blank 3**Work Order:** 0612264**Collection Date:** 12/13/2006 3:00:00 PM**Project:** Navajo Artesia**Lab ID:** 0612264-35**Matrix:** WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 8:18:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 8:18:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 8:18:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/16/2006 8:18:00 PM
Surr: 4-Bromofluorobenzene	82.6		72.4-125	%REC	1	12/16/2006 8:18:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/16/2006 8:18:00 PM
Surr: Toluene-d8	92.2		75-125	%REC	1	12/16/2006 8:18:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 4

Work Order: 0612264

Collection Date: 12/13/2006 3:00:00 PM

Project: Navajo Artesia

Lab ID: 0612264-36

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 8:43:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 8:43:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 8:43:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 8:43:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 8:43:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 8:43:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 8:43:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 4

Work Order: 0612264

Collection Date: 12/13/2006 3:00:00 PM

Project: Navajo Artesia

Lab ID: 0612264-36

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 8:43:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 8:43:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 8:43:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/16/2006 8:43:00 PM
Surr: 4-Bromofluorobenzene	80.9		72.4-125	%REC	1	12/16/2006 8:43:00 PM
Surr: Dibromofluoromethane	99.6		71.2-125	%REC	1	12/16/2006 8:43:00 PM
Surr: Toluene-d8	91.6		75-125	%REC	1	12/16/2006 8:43:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-37

Client Sample ID: Trip Blank 5
Collection Date: 12/13/2006 3:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
2-Butanone	ND		10	µg/L	1	12/16/2006 9:08:00 PM
2-Hexanone	ND		10	µg/L	1	12/16/2006 9:08:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/16/2006 9:08:00 PM
Acetone	ND		10	µg/L	1	12/16/2006 9:08:00 PM
Benzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Bromoform	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Bromomethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Carbon disulfide	ND		10	µg/L	1	12/16/2006 9:08:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Chloroethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Chloroform	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Chloromethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
m,p-Xylene	ND		10	µg/L	1	12/16/2006 9:08:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Methylene chloride	ND		10	µg/L	1	12/16/2006 9:08:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Naphthalene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
o-Xylene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Styrene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: December 28, 2006

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia
Lab ID: 0612264-37

Client Sample ID: Trip Blank 5
Collection Date: 12/13/2006 3:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Toluene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/16/2006 9:08:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/16/2006 9:08:00 PM
Xylenes, Total	ND		15	µg/L	1	12/16/2006 9:08:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/16/2006 9:08:00 PM
Surr: 4-Bromofluorobenzene	83.3		72.4-125	%REC	1	12/16/2006 9:08:00 PM
Surr: Dibromofluoromethane	93.8		71.2-125	%REC	1	12/16/2006 9:08:00 PM
Surr: Toluene-d8	93.4		75-125	%REC	1	12/16/2006 9:08:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits
P - Dual Column results percent difference > 40%
E - Value above quantitation range
H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: Dec 28 2006

CLIENT: Navajo Refining Company

Work Order: 0612264

Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21223 Instrument ID FID-2 Method: SW8015M

MBLK Sample ID: FBLKW1-061215 Units: mg/L Analysis Date: 12/19/06 19:20

Client ID: Run ID: FID-2_061215A SeqNo: 1023050 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	ND	0.050								
Surr: 2-Fluorobiphenyl	0.09232	0.010	0.1	0	92.3	70-130	0			

LCS Sample ID: FLCSW1-061215 Units: mg/L Analysis Date: 12/19/06 20:00

Client ID: Run ID: FID-2_061215A SeqNo: 1023051 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.4403	0.050	0.5	0	88.1	70-130	0			
Surr: 2-Fluorobiphenyl	0.08978	0.010	0.1	0	89.8	70-130	0			

LCSD Sample ID: FLCSDW1-061215 Units: mg/L Analysis Date: 12/19/06 20:39

Client ID: Run ID: FID-2_061215A SeqNo: 1023052 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.469	0.050	0.5	0	93.8	70-130	0.4403	6.32	20	
Surr: 2-Fluorobiphenyl	0.09139	0.010	0.1	0	91.4	70-130	0.08978	1.78	20	

The following samples were analyzed in this batch:

0612264-01F	0612264-02F	0612264-03E
0612264-04E	0612264-05E	0612264-06E
0612264-07E	0612264-08E	0612264-12E
0612264-13E	0612264-14E	0612264-15F
0612264-16F	0612264-17F	0612264-18F
0612264-19F	0612264-20F	0612264-21F
0612264-24F		

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45168** Instrument ID **FID-9** Method: **SW8015**

MBLK Sample ID: **GBLKW-122006** Units: **mg/L** Analysis Date: **12/20/06 12:44**

Client ID: Run ID: **FID-9_061221A** SeqNo: **1020467** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	ND	0.050								
Surr: 4-Bromofluorobenzene	0.1131	0.0050	0.1	0	113	70-130	0			

LCS Sample ID: **GLCSW-122006** Units: **mg/L** Analysis Date: **12/20/06 11:35**

Client ID: Run ID: **FID-9_061221A** SeqNo: **1020466** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	0.9447	0.050	1	0	94.5	70-130	0			
Surr: 4-Bromofluorobenzene	0.1204	0.0050	0.1	0	120	70-130	0			

MS Sample ID: **0612264-02BMS** Units: **mg/L** Analysis Date: **12/20/06 17:37**

Client ID: **MW-61** Run ID: **FID-9_061221A** SeqNo: **1020470** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	61.91	2.5	50	19.27	85.3	70-130	0			
Surr: 4-Bromofluorobenzene	5.568	0.25	5	0	111	70-130	0			

MSD Sample ID: **0612264-02BMSD** Units: **mg/L** Analysis Date: **12/20/06 18:00**

Client ID: **MW-61** Run ID: **FID-9_061221A** SeqNo: **1020471** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	61.66	2.5	50	19.27	84.8	70-130	61.91	0.403	30	
Surr: 4-Bromofluorobenzene	5.609	0.25	5	0	112	70-130	5.568	0.73	30	

The following samples were analyzed in this batch:

0612264-01B 0612264-02B

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45197** Instrument ID **FID-9** Method: **SW8015**

MBLK	Sample ID: GBLKW-122106		Units: mg/L				Analysis Date: 12/21/06 15:25			
Client ID:	Run ID: FID-9_061221B		SeqNo: 1021085		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	ND	0.050								
Surr: 4-Bromofluorobenzene	0.1081	0.0050	0.1	0	108	70-130	0			

LCS	Sample ID: GLCSW-122106		Units: mg/L				Analysis Date: 12/21/06 12:45			
Client ID:	Run ID: FID-9_061221B		SeqNo: 1021084		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	0.9891	0.050	1	0	98.9	70-130	0			
Surr: 4-Bromofluorobenzene	0.1114	0.0050	0.1	0	111	70-130	0			

MS	Sample ID: 0612264-15BMS		Units: mg/L				Analysis Date: 12/21/06 17:20			
Client ID: MW-15	Run ID: FID-9_061221B		SeqNo: 1021090		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.152	0.050	1	0.2307	92.2	70-130	0			
Surr: 4-Bromofluorobenzene	0.1128	0.0050	0.1	0	113	70-130	0			

MSD	Sample ID: 0612264-15BMSD		Units: mg/L				Analysis Date: 12/21/06 17:43			
Client ID: MW-15	Run ID: FID-9_061221B		SeqNo: 1021091		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.123	0.050	1	0.2307	89.2	70-130	1.152	2.58	30	
Surr: 4-Bromofluorobenzene	0.113	0.0050	0.1	0	113	70-130	0.1128	0.188	30	

The following samples were analyzed in this batch:

0612264-15B	0612264-16B	0612264-17B
0612264-18B	0612264-19B	0612264-20B
0612264-21B		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45319 Instrument ID FID-9 Method: SW8015

MBLK Sample ID: GBLKW-122606 Units: mg/L Analysis Date: 12/26/06 14:38

Client ID: Run ID: FID-9_061227A SeqNo: 1023997 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	ND	0.050								
Surr: 4-Bromofluorobenzene	0.1172	0.0050	0.1	0	117	70-130	0			

LCS Sample ID: GLCSW-122606 Units: mg/L Analysis Date: 12/26/06 14:02

Client ID: Run ID: FID-9_061227A SeqNo: 1023996 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.006	0.050	1	0	101	70-130	0			
Surr: 4-Bromofluorobenzene	0.1154	0.0050	0.1	0	115	70-130	0			

MS Sample ID: 0612264-24BMS Units: mg/L Analysis Date: 12/26/06 17:29

Client ID: Duplicate #2 Run ID: FID-9_061227A SeqNo: 1024002 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.136	0.050	1	0.02097	112	70-130	0			
Surr: 4-Bromofluorobenzene	0.1136	0.0050	0.1	0	114	70-130	0			

MSD Sample ID: 0612264-24BMSD Units: mg/L Analysis Date: 12/26/06 17:52

Client ID: Duplicate #2 Run ID: FID-9_061227A SeqNo: 1024003 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1.1	0.050	1	0.02097	108	70-130	1.136	3.26	30	
Surr: 4-Bromofluorobenzene	0.1122	0.0050	0.1	0	112	70-130	0.1136	1.21	30	

The following samples were analyzed in this batch: 0612264-24B

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21234 Instrument ID ICP7500 Method: SW6020

MBLK Sample ID: MBLKW2-121506 Units: mg/L Analysis Date: 12/26/06 14:04

Client ID: Run ID: ICP7500_061226A SeqNo: 1022857 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	0.0006165	0.0050								J
Lead	ND	0.0050								
Selenium	0.002598	0.0050								J
Silver	ND	0.0050								

LCS Sample ID: MLCSW2-121506 Units: mg/L Analysis Date: 12/26/06 13:27

Client ID: Run ID: ICP7500_061226A SeqNo: 1022852 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04978	0.0050	0.05	0	99.6	80-121	0			
Cadmium	0.05226	0.0020	0.05	0	105	79.1-119	0			
Chromium	0.04884	0.0050	0.05	0	97.7	79.3-121	0			
Lead	0.04979	0.0050	0.05	0	99.6	80-118	0			
Selenium	0.05156	0.0050	0.05	0	103	79.2-118	0			
Silver	0.04806	0.0050	0.05	0	96.1	80-117	0			

MS Sample ID: 0612247-01CMS Units: mg/L Analysis Date: 12/26/06 13:46

Client ID: Run ID: ICP7500_061226A SeqNo: 1022855 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05475	0.0050	0.05	0.005018	99.5	80-121	0			
Cadmium	0.04977	0.0020	0.05	0.0001274	99.3	79.1-119	0			
Chromium	0.04927	0.0050	0.05	-0.0005408	99.6	79.3-121	0			
Lead	0.05118	0.0050	0.05	0.00217	98	80-118	0			
Selenium	0.05029	0.0050	0.05	0.003154	94.3	79.2-118	0			
Silver	0.04398	0.0050	0.05	-0.00146	90.9	80-117	0			

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21234 Instrument ID ICP7500 Method: SW6020

MSD Sample ID: 0612247-01CMSD Units: mg/L Analysis Date: 12/26/06 13:52

Client ID: Run ID: ICP7500_061226A SeqNo: 1022856 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05546	0.0050	0.05	0.005018	101	80-121	0.05475	1.29	15	
Cadmium	0.05029	0.0020	0.05	0.0001274	100	79.1-119	0.04977	1.04	15	
Chromium	0.04773	0.0050	0.05	-0.0005408	96.5	79.3-121	0.04927	3.18	15	
Lead	0.05219	0.0050	0.05	0.00217	100	80-118	0.05118	1.95	15	
Selenium	0.05118	0.0050	0.05	0.003154	96.1	79.2-118	0.05029	1.75	15	
Silver	0.04504	0.0050	0.05	-0.00146	93	80-117	0.04398	2.38	15	

DUP Sample ID: 0612247-01CDUP Units: mg/L Analysis Date: 12/26/06 13:40

Client ID: Run ID: ICP7500_061226A SeqNo: 1022854 Prep Date: 12/15/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.00501	0.0050	0	0	0	0-0	0.005018	0.16	25	
Cadmium	ND	0.0020	0	0	0	0-0	0.0001274	0	25	
Chromium	0.002882	0.0050	0	0	0	0-0	-0.0005408	0	25	J
Lead	0.002024	0.0050	0	0	0	0-0	0.00217	0	25	J
Selenium	ND	0.0050	0	0	0	0-0	0.003154	0	25	
Silver	ND	0.0050	0	0	0	0-0	-0.00146	0	25	

The following samples were analyzed in this batch:

0612264-01C	0612264-02C	0612264-03B
0612264-04B	0612264-05B	0612264-07B
0612264-08B	0612264-09B	0612264-10B
0612264-11B	0612264-12B	0612264-13B
0612264-14B	0612264-15C	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21244 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW3-121606 Units: mg/L Analysis Date: 12/21/06 15:13

Client ID: Run ID: ICPMS02_061221A SeqNo: 1020478 Prep Date: 12/16/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Chromium	ND	0.0050								
Lead	ND	0.0050								
Magnesium	ND	0.20								
Potassium	ND	0.20								
Selenium	ND	0.0050								
Silver	ND	0.0050								
Sodium	ND	0.20								
Vanadium	ND	0.0050								

LCS Sample ID: MLCSW3-121606 Units: mg/L Analysis Date: 12/21/06 15:19

Client ID: Run ID: ICPMS02_061221A SeqNo: 1020479 Prep Date: 12/16/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04981	0.0050	0.05	0	99.6	80-121	0			
Barium	0.04905	0.0050	0.05	0	98.1	79.8-119	0			
Cadmium	0.05136	0.0020	0.05	0	103	79.1-119	0			
Chromium	0.04926	0.0050	0.05	0	98.5	79.3-121	0			
Lead	0.05015	0.0050	0.05	0	100	80-118	0			
Magnesium	4.838	0.20	5	0	96.8	80-120	0			
Potassium	4.808	0.20	5	0	96.2	80-120	0			
Selenium	0.04991	0.0050	0.05	0	99.8	79.2-118	0			
Silver	0.05234	0.0050	0.05	0	105	80-117	0			
Sodium	4.746	0.20	5	0	94.9	80.6-119	0			
Vanadium	0.0507	0.0050	0.05	0	101	82.1-119	0			

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21244 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0612308-01CMS Units: mg/L Analysis Date: 12/21/06 18:29

Client ID: Run ID: ICPMS02_061221A SeqNo: 1020797 Prep Date: 12/16/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.07522	0.0050	0.05	0.0257	99	80-121	0			
Barium	0.4019	0.0050	0.05	0.3538	96.2	79.8-119	0			O
Cadmium	0.0489	0.0020	0.05	0.00004286	97.7	79.1-119	0			
Chromium	0.04778	0.0050	0.05	-0.000151	95.9	79.3-121	0			
Lead	0.05233	0.0050	0.05	0.003359	97.9	80-118	0			
Magnesium	36.58	0.20	5	31.22	107	80-120	0			O
Potassium	9.435	0.20	5	4.674	95.2	80-120	0			
Selenium	0.04882	0.0050	0.05	0.001079	95.5	79.2-118	0			
Silver	0.04837	0.0050	0.05	-0.0002817	97.3	80-117	0			
Sodium	55.16	0.20	5	49.98	104	80.6-119	0			O
Vanadium	0.05154	0.0050	0.05	0.001733	99.6	82.1-119	0			

MSD Sample ID: 0612308-01CMSD Units: mg/L Analysis Date: 12/21/06 18:35

Client ID: Run ID: ICPMS02_061221A SeqNo: 1020798 Prep Date: 12/16/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.07634	0.0050	0.05	0.0257	101	80-121	0.07522	1.48	15	
Barium	0.4133	0.0050	0.05	0.3538	119	79.8-119	0.4019	2.8	15	O
Cadmium	0.05148	0.0020	0.05	0.00004286	103	79.1-119	0.0489	5.14	15	
Chromium	0.04944	0.0050	0.05	-0.000151	99.2	79.3-121	0.04778	3.41	15	
Lead	0.0546	0.0050	0.05	0.003359	102	80-118	0.05233	4.25	15	
Magnesium	37.7	0.20	5	31.22	130	80-120	36.58	3.02	15	SO
Potassium	9.725	0.20	5	4.674	101	80-120	9.435	3.03	15	
Selenium	0.05	0.0050	0.05	0.001079	97.8	79.2-118	0.04882	2.39	15	
Silver	0.04972	0.0050	0.05	-0.0002817	100	80-117	0.04837	2.75	15	
Sodium	56.64	0.20	5	49.98	133	80.6-119	55.16	2.65	15	SO
Vanadium	0.05271	0.0050	0.05	0.001733	102	82.1-119	0.05154	2.24	15	

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21244 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0612308-01CDUP Units: mg/L Analysis Date: 12/21/06 15:31

Client ID: Run ID: ICPMS02_061221A SeqNo: 1020481 Prep Date: 12/16/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.02623	0.0050	0	0	0	0-0	0.0257	2.04	25	
Barium	0.3633	0.0050	0	0	0	0-0	0.3538	2.65	25	
Cadmium	ND	0.0020	0	0	0	0-0	0.00004286	0	25	
Chromium	ND	0.0050	0	0	0	0-0	-0.000151	0	25	
Lead	0.003392	0.0050	0	0	0	0-0	0.003359	0	25	J
Magnesium	32.77	0.20	0	0	0	0-0	31.22	4.84	25	
Potassium	4.92	0.20	0	0	0	0-0	4.674	5.13	25	
Selenium	ND	0.0050	0	0	0	0-0	0.001079	0	25	
Silver	ND	0.0050	0	0	0	0-0	-0.0002817	0	25	
Sodium	51.75	0.20	0	0	0	0-0	49.98	3.48	25	
Vanadium	0.001542	0.0050	0	0	0	0-0	0.001733	0	25	J

The following samples were analyzed in this batch:

0612264-06B	0612264-16C	0612264-17C
0612264-18C	0612264-19C	0612264-20C
0612264-21C	0612264-22B	0612264-23B
0612264-24C		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21312 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW3-122006 Units: mg/L Analysis Date: 12/20/06 17:24

Client ID: Run ID: MERCURY_061220C SeqNo: 1019695 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

LCS Sample ID: GLCSW3-122006 Units: mg/L Analysis Date: 12/20/06 17:26

Client ID: Run ID: MERCURY_061220C SeqNo: 1019696 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00516	0.00020	0.005	0	103	85-115	0			

LCSD Sample ID: GLCSDW3-122006 Units: mg/L Analysis Date: 12/20/06 17:28

Client ID: Run ID: MERCURY_061220C SeqNo: 1019697 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00523	0.00020	0.005	0	105	85-115	0.00516	1.35	20	

MS Sample ID: 0612357-01AMS Units: mg/L Analysis Date: 12/20/06 17:37

Client ID: Run ID: MERCURY_061220C SeqNo: 1019700 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00567	0.00020	0.005	-0.000038	114	85-115	0			

MSD Sample ID: 0612357-01AMSD Units: mg/L Analysis Date: 12/20/06 17:39

Client ID: Run ID: MERCURY_061220C SeqNo: 1019701 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00554	0.00020	0.005	-0.000038	112	85-115	0.00567	2.32	20	

DUP Sample ID: 0612357-01ADUP Units: mg/L Analysis Date: 12/20/06 17:32

Client ID: Run ID: MERCURY_061220C SeqNo: 1019699 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	-0.000038	0	20	

The following samples were analyzed in this batch:

0612264-01C	0612264-02C	0612264-03B
0612264-04B	0612264-05B	0612264-06B
0612264-07B	0612264-08B	0612264-09B
0612264-10B	0612264-11B	0612264-12B
0612264-13B	0612264-14B	0612264-15C
0612264-16C	0612264-17C	0612264-18C

ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in assoc. Method Blank

- Analyte detected below quantitation limits

R - RPD outside accepted recovery limits

U - Analyzed for but not detected

O - Referenced analyte value is > 4 times amount spiked

P - Dual Column results percent difference > 40%

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21313 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW4-122006 Units: mg/L Analysis Date: 12/20/06 18:39

Client ID: Run ID: MERCURY_061220D SeqNo: 1019845 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020								

LCS Sample ID: GLCSW4-122006 Units: mg/L Analysis Date: 12/20/06 18:41

Client ID: Run ID: MERCURY_061220D SeqNo: 1019846 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00532	0.00020	0.005	0	106	85-115	0			

LCSD Sample ID: GLCSDW4-122006 Units: mg/L Analysis Date: 12/20/06 18:49

Client ID: Run ID: MERCURY_061220D SeqNo: 1019847 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00511	0.00020	0.005	0	102	85-115	0.00532	4.03	20	

MS Sample ID: 0612313-01BMS Units: mg/L Analysis Date: 12/20/06 18:55

Client ID: Run ID: MERCURY_061220D SeqNo: 1019850 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00552	0.00020	0.005	0.000025	110	85-115	0			

MSD Sample ID: 0612313-01BMSD Units: mg/L Analysis Date: 12/20/06 18:57

Client ID: Run ID: MERCURY_061220D SeqNo: 1019851 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00546	0.00020	0.005	0.000025	109	85-115	0.00552	1.09	20	

DUP Sample ID: 0612313-01BDUP Units: mg/L Analysis Date: 12/20/06 18:53

Client ID: Run ID: MERCURY_061220D SeqNo: 1019849 Prep Date: 12/20/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	ND	0.00020	0	0	0	0-0	0.000025	0	20	

The following samples were analyzed in this batch:

0612264-19C	0612264-20C	0612264-21C
0612264-22B	0612264-23B	0612264-24C

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R44998** Instrument ID **VOA2** Method: **SW8260**

MBLK Sample ID: **VLKW-061216** Units: **µg/L** Analysis Date: **12/16/06 14:02**

Client ID: Run ID: **VOA2_061216A** SeqNo: **1017130** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Isopropyltoluene	ND	5.0								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	10								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
m,p-Xylene	ND	10								
Methyl tert-butyl ether	ND	5.0								
Methylene chloride	ND	10								
n-Butylbenzene	ND	5.0								
n-Propylbenzene	ND	5.0								
Naphthalene	ND	5.0								
o-Xylene	ND	5.0								
sec-Butylbenzene	ND	5.0								
Styrene	ND	5.0								
Tetrachloroethene	ND	5.0								

ND - Not Detected at the Reporting Limit

1 - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998		Instrument ID VOA2		Method: SW8260				
Toluene	ND	5.0						
trans-1,2-Dichloroethene	ND	5.0						
trans-1,3-Dichloropropene	ND	5.0						
Trichloroethene	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
Surr: 1,2-Dichloroethane-d4	50.33	5.0	50	0	101	70-125	0	
Surr: 4-Bromofluorobenzene	40.06	5.0	50	0	80.1	72.4-125	0	
Surr: Dibromofluoromethane	47.32	5.0	50	0	94.6	71.2-125	0	
Surr: Toluene-d8	46.2	5.0	50	0	92.4	75-125	0	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998 Instrument ID VOA2 Method: SW8260

LCS		Sample ID: VLCSW-061216		Units: µg/L		Analysis Date: 12/16/06 13:11				
Client ID:		Run ID: VOA2_061216A		SeqNo: 1017128		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.75	5.0	50	0	105	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.37	5.0	50	0	98.7	78.9-121	0			
1,1,2-Trichloroethane	47.21	5.0	50	0	94.4	80-120	0			
1,1-Dichloroethane	52.92	5.0	50	0	106	74.2-122	0			
1,1-Dichloroethene	53.47	5.0	50	0	107	75.8-122	0			
1,2,4-Trimethylbenzene	47.49	5.0	50	0	95	80-120	0			
1,2-Dibromoethane	49.85	5.0	50	0	99.7	80-120	0			
1,2-Dichloroethane	51.85	5.0	50	0	104	78.8-120	0			
1,2-Dichloropropane	50.02	5.0	50	0	100	80-120	0			
1,3,5-Trimethylbenzene	47.41	5.0	50	0	94.8	80-120	0			
2-Butanone	98.9	10	100	0	98.9	69.2-131	0			
2-Hexanone	105.9	10	100	0	106	59.1-135	0			
4-Isopropyltoluene	46.51	5.0	50	0	93	80-120	0			
4-Methyl-2-pentanone	103.3	10	100	0	103	71.6-124	0			
Acetone	115.2	10	100	0	115	60.1-141	0			
Benzene	50.43	5.0	50	0	101	80-120	0			
Bromodichloromethane	53.2	5.0	50	0	106	80-120	0			
Bromoform	50.51	5.0	50	0	101	78.1-120	0			
Bromomethane	47.91	5.0	50	0	95.8	52.8-147	0			
Carbon disulfide	107	10	100	0	107	78.8-120	0			
Carbon tetrachloride	49.06	5.0	50	0	98.1	76.8-120	0			
Chlorobenzene	47.5	5.0	50	0	95	80-120	0			
Chloroethane	53.81	5.0	50	0	108	74.2-120	0			
Chloroform	49.84	5.0	50	0	99.7	80-120	0			
Chloromethane	48.44	5.0	50	0	96.9	63.5-133	0			
cis-1,2-Dichloroethene	49.3	5.0	50	0	98.6	80-120	0			
cis-1,3-Dichloropropene	50.1	5.0	50	0	100	80-120	0			
Dibromochloromethane	51.17	5.0	50	0	102	80-120	0			
Ethylbenzene	53.35	5.0	50	0	107	80-120	0			
Isopropylbenzene	48.13	5.0	50	0	96.3	80-120	0			
m,p-Xylene	98.4	10	100	0	98.4	80-120	0			
Methyl tert-butyl ether	53.49	5.0	50	0	107	75.8-123	0			
Methylene chloride	53.19	10	50	0	106	74.7-120	0			
n-Butylbenzene	47.19	5.0	50	0	94.4	80-120	0			
n-Propylbenzene	47.18	5.0	50	0	94.4	80-120	0			
Naphthalene	52.42	5.0	50	0	105	71.4-124	0			
o-Xylene	49.84	5.0	50	0	99.7	80-120	0			
sec-Butylbenzene	46.52	5.0	50	0	93	80-120	0			
Styrene	48.82	5.0	50	0	97.6	80-120	0			
Tetrachloroethene	49.95	5.0	50	0	99.9	80-120	0			

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998		Instrument ID VOA2		Method: SW8260				
Toluene	50.95	5.0	50	0	102	80-120	0	
trans-1,2-Dichloroethene	52.79	5.0	50	0	106	75.9-122	0	
trans-1,3-Dichloropropene	49.21	5.0	50	0	98.4	80-120	0	
Trichloroethene	50.85	5.0	50	0	102	80-120	0	
Vinyl chloride	52.55	2.0	50	0	105	76.2-121	0	
Xylenes, Total	148.2	15	150	0	98.8	80-120	0	
Surr: 1,2-Dichloroethane-d4	48.43	5.0	50	0	96.9	70-125	0	
Surr: 4-Bromofluorobenzene	46.67	5.0	50	0	93.3	72.4-125	0	
Surr: Dibromofluoromethane	46.33	5.0	50	0	92.7	71.2-125	0	
Surr: Toluene-d8	43.91	5.0	50	0	87.8	75-125	0	

ND - Not Detected at the Reporting Limit

L - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998 Instrument ID VOA2 Method: SW8260

MS		Sample ID: 0612160-04AMS			Units: µg/L			Analysis Date: 12/16/06 14:52		
Client ID:		Run ID: VOA2_061216A			SeqNo: 1017133		Prep Date:		DF: 25	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1194	120	1250	0	95.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	1181	120	1250	0	94.4	78.9-121	0			
1,1,2-Trichloroethane	1192	120	1250	0	95.4	80-120	0			
1,1-Dichloroethane	1210	120	1250	0	96.8	74.2-122	0			
1,1-Dichloroethene	1122	120	1250	0	89.7	75.8-122	0			
1,2,4-Trimethylbenzene	1051	120	1250	0	84.1	80-120	0			
1,2-Dibromoethane	1236	120	1250	0	98.9	80-120	0			
1,2-Dichloroethane	1263	120	1250	0	101	78.8-120	0			
1,2-Dichloropropane	1223	120	1250	0	97.9	80-120	0			
1,3,5-Trimethylbenzene	1028	120	1250	0	82.2	80-120	0			
2-Butanone	2108	250	2500	0	84.3	69.2-131	0			
2-Hexanone	2364	250	2500	0	94.6	59.1-135	0			
4-Isopropyltoluene	988.4	120	1250	0	79.1	80-120	0			S
4-Methyl-2-pentanone	2352	250	2500	0	94.1	71.6-124	0			
Acetone	2321	250	2500	0	92.8	60.1-141	0			
Benzene	1201	120	1250	0	96	80-120	0			
Bromodichloromethane	1298	120	1250	0	104	80-120	0			
Bromoform	1191	120	1250	0	95.2	78.1-120	0			
Bromomethane	1061	120	1250	0	84.9	52.8-147	0			
Carbon disulfide	2109	250	2500	0	84.4	78.8-120	0			
Carbon tetrachloride	1053	120	1250	0	84.2	76.8-120	0			
Chlorobenzene	1168	120	1250	0	93.4	80-120	0			
Chloroethane	1184	120	1250	0	94.7	74.2-120	0			
Chloroform	1259	120	1250	0	101	80-120	0			
Chloromethane	1095	120	1250	0	87.6	63.5-133	0			
cis-1,2-Dichloroethene	3616	120	1250	2574	83.4	80-120	0			
cis-1,3-Dichloropropene	1209	120	1250	0	96.7	80-120	0			
Dibromochloromethane	1247	120	1250	0	99.8	80-120	0			
Ethylbenzene	1212	120	1250	0	97	80-120	0			
Isopropylbenzene	1070	120	1250	0	85.6	80-120	0			
m,p-Xylene	2254	250	2500	0	90.1	80-120	0			
Methyl tert-butyl ether	1215	120	1250	0	97.2	75.8-123	0			
Methylene chloride	1246	250	1250	0	99.7	74.7-120	0			
n-Butylbenzene	975.5	120	1250	0	78	80-120	0			S
n-Propylbenzene	1010	120	1250	0	80.8	80-120	0			
Naphthalene	1039	120	1250	126.4	73	71.4-124	0			
o-Xylene	1164	120	1250	0	93.1	80-120	0			
sec-Butylbenzene	968.4	120	1250	0	77.5	80-120	0			S
Styrene	1159	120	1250	0	92.7	80-120	0			
Tetrachloroethene	2505	120	1250	1571	74.7	80-120	0			S

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998		Instrument ID VOA2		Method: SW8260				
Toluene	1216	120	1250	0	97.3	80-120	0	
trans-1,2-Dichloroethene	1208	120	1250	16.82	95.3	75.9-122	0	
trans-1,3-Dichloropropene	1203	120	1250	0	96.2	80-120	0	
Trichloroethene	2929	120	1250	1827	88.1	80-120	0	
Vinyl chloride	1232	50	1250	104.9	90.2	76.2-121	0	
Xylenes, Total	3418	380	3750	0	91.1	80-120	0	
Surr: 1,2-Dichloroethane-d4	1186	120	1250	0	94.9	70-125	0	
Surr: 4-Bromofluorobenzene	1171	120	1250	0	93.7	72.4-125	0	
Surr: Dibromofluoromethane	1191	120	1250	0	95.3	71.2-125	0	
Surr: Toluene-d8	1100	120	1250	0	88	75-125	0	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0612160-04AMSD Units: µg/L Analysis Date: 12/16/06 15:17

Client ID: Run ID: VOA2_061216A SeqNo: 1017134 Prep Date: DF: 25

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	1205	120	1250	0	96.4	79.6-120	1194	0.962	20	
1,1,2,2-Tetrachloroethane	1181	120	1250	0	94.5	78.9-121	1181	0.0333	20	
1,1,2-Trichloroethane	1195	120	1250	0	95.6	80-120	1192	0.218	20	
1,1-Dichloroethane	1242	120	1250	0	99.4	74.2-122	1210	2.64	20	
1,1-Dichloroethene	1179	120	1250	0	94.3	75.8-122	1122	5	20	
1,2,4-Trimethylbenzene	1140	120	1250	0	91.2	80-120	1051	8.12	20	
1,2-Dibromoethane	1229	120	1250	0	98.3	80-120	1236	0.611	20	
1,2-Dichloroethane	1274	120	1250	0	102	78.8-120	1263	0.89	20	
1,2-Dichloropropane	1255	120	1250	0	100	80-120	1223	2.57	20	
1,3,5-Trimethylbenzene	1126	120	1250	0	90.1	80-120	1028	9.18	20	
2-Butanone	2321	250	2500	0	92.8	69.2-131	2108	9.61	20	
2-Hexanone	2470	250	2500	0	98.8	59.1-135	2364	4.36	20	
4-Isopropyltoluene	1077	120	1250	0	86.2	80-120	988.4	8.61	20	
4-Methyl-2-pentanone	2517	250	2500	0	101	71.6-124	2352	6.74	20	
Acetone	2588	250	2500	0	104	60.1-141	2321	10.9	20	
Benzene	1237	120	1250	0	99	80-120	1201	2.98	20	
Bromodichloromethane	1306	120	1250	0	104	80-120	1298	0.6	20	
Bromoform	1202	120	1250	0	96.1	78.1-120	1191	0.921	20	
Bromomethane	1089	120	1250	0	87.1	52.8-147	1061	2.59	20	
Carbon disulfide	2188	250	2500	0	87.5	78.8-120	2109	3.69	20	
Carbon tetrachloride	1100	120	1250	0	88	76.8-120	1053	4.44	20	
Chlorobenzene	1177	120	1250	0	94.1	80-120	1168	0.771	20	
Chloroethane	1222	120	1250	0	97.8	74.2-120	1184	3.22	20	
Chloroform	1243	120	1250	0	99.5	80-120	1259	1.24	20	
Chloromethane	1125	120	1250	0	90	63.5-133	1095	2.73	20	
cis-1,2-Dichloroethene	3664	120	1250	2574	87.2	80-120	3616	1.33	20	
cis-1,3-Dichloropropene	1228	120	1250	0	98.3	80-120	1209	1.63	20	
Dibromochloromethane	1232	120	1250	0	98.6	80-120	1247	1.23	20	
Ethylbenzene	1247	120	1250	0	99.8	80-120	1212	2.85	20	
Isopropylbenzene	1118	120	1250	0	89.4	80-120	1070	4.39	20	
m,p-Xylene	2314	250	2500	0	92.6	80-120	2254	2.66	20	
Methyl tert-butyl ether	1260	120	1250	0	101	75.8-123	1215	3.58	20	
Methylene chloride	1281	250	1250	0	102	74.7-120	1246	2.73	20	
n-Butylbenzene	1082	120	1250	0	86.6	80-120	975.5	10.3	20	
n-Propylbenzene	1099	120	1250	0	87.9	80-120	1010	8.45	20	
Naphthalene	1253	120	1250	126.4	90.2	71.4-124	1039	18.8	20	
o-Xylene	1184	120	1250	0	94.8	80-120	1164	1.74	20	
sec-Butylbenzene	1048	120	1250	0	83.8	80-120	968.4	7.85	20	
Styrene	1201	120	1250	0	96.1	80-120	1159	3.57	20	
Tetrachloroethene	2651	120	1250	1571	86.4	80-120	2505	5.65	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R44998	Instrument ID VOA2		Method: SW8260						
Toluene	1240	120	1250	0	99.2	80-120	1216	2.02	20
trans-1,2-Dichloroethene	1214	120	1250	16.82	95.8	75.9-122	1208	0.552	20
trans-1,3-Dichloropropene	1205	120	1250	0	96.4	80-120	1203	0.152	20
Trichloroethene	3035	120	1250	1827	96.6	80-120	2929	3.58	20
Vinyl chloride	1269	50	1250	104.9	93.1	76.2-121	1232	2.95	20
Xylenes, Total	3499	380	3750	0	93.3	80-120	3418	2.35	20
Surr: 1,2-Dichloroethane-d4	1163	120	1250	0	93.1	70-125	1186	1.89	20
Surr: 4-Bromofluorobenzene	1131	120	1250	0	90.5	72.4-125	1171	3.55	20
Surr: Dibromofluoromethane	1179	120	1250	0	94.4	71.2-125	1191	0.991	20
Surr: Toluene-d8	1112	120	1250	0	88.9	75-125	1100	1.06	20

The following samples were analyzed in this batch:

0612264-03A	0612264-09A	0612264-10A
0612264-11A	0612264-23A	0612264-25A
0612264-26A	0612264-27A	0612264-28A
0612264-29A	0612264-30A	0612264-31A
0612264-32A	0612264-33A	0612264-34A
0612264-35A	0612264-36A	0612264-37A

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061218 Units: µg/L Analysis Date: 12/18/06 13:59

Client ID: Run ID: VOA2_061218A SeqNo: 1018385 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Isopropyltoluene	ND	5.0								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	10								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
m,p-Xylene	ND	10								
Methyl tert-butyl ether	ND	5.0								
Methylene chloride	ND	10								
n-Butylbenzene	ND	5.0								
n-Propylbenzene	ND	5.0								
Naphthalene	ND	5.0								
o-Xylene	ND	5.0								
sec-Butylbenzene	ND	5.0								
Styrene	ND	5.0								
Tetrachloroethene	ND	5.0								

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049		Instrument ID VOA2		Method: SW8260				
Toluene	ND	5.0						
trans-1,2-Dichloroethene	ND	5.0						
trans-1,3-Dichloropropene	ND	5.0						
Trichloroethene	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
Surr: 1,2-Dichloroethane-d4	50.96	5.0	50	0	102	70-125	0	
Surr: 4-Bromofluorobenzene	40.01	5.0	50	0	80	72.4-125	0	
Surr: Dibromofluoromethane	47.83	5.0	50	0	95.7	71.2-125	0	
Surr: Toluene-d8	45.5	5.0	50	0	91	75-125	0	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049 Instrument ID VOA2 Method: SW8260

LCS Sample ID: VLCSW-061218 Units: µg/L Analysis Date: 12/18/06 13:09

Client ID: Run ID: VOA2_061218A SeqNo: 1018384 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.26	5.0	50	0	105	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.98	5.0	50	0	100	78.9-121	0			
1,1,2-Trichloroethane	48.44	5.0	50	0	96.9	80-120	0			
1,1-Dichloroethane	52.34	5.0	50	0	105	74.2-122	0			
1,1-Dichloroethene	51.55	5.0	50	0	103	75.8-122	0			
1,2,4-Trimethylbenzene	46.24	5.0	50	0	92.5	80-120	0			
1,2-Dibromoethane	50.01	5.0	50	0	100	80-120	0			
1,2-Dichloroethane	51.15	5.0	50	0	102	78.8-120	0			
1,2-Dichloropropane	49.36	5.0	50	0	98.7	80-120	0			
1,3,5-Trimethylbenzene	46.18	5.0	50	0	92.4	80-120	0			
2-Butanone	103.7	10	100	0	104	69.2-131	0			
2-Hexanone	111.7	10	100	0	112	59.1-135	0			
4-Isopropyltoluene	45.14	5.0	50	0	90.3	80-120	0			
4-Methyl-2-pentanone	107.9	10	100	0	108	71.6-124	0			
Acetone	119.2	10	100	0	119	60.1-141	0			
Benzene	50.34	5.0	50	0	101	80-120	0			
Bromodichloromethane	52.28	5.0	50	0	105	80-120	0			
Bromoform	51.57	5.0	50	0	103	78.1-120	0			
Bromomethane	47.39	5.0	50	0	94.8	52.8-147	0			
Carbon disulfide	104.1	10	100	0	104	78.8-120	0			
Carbon tetrachloride	47.02	5.0	50	0	94	76.8-120	0			
Chlorobenzene	46.99	5.0	50	0	94	80-120	0			
Chloroethane	52.55	5.0	50	0	105	74.2-120	0			
Chloroform	49.72	5.0	50	0	99.4	80-120	0			
Chloromethane	46.62	5.0	50	0	93.2	63.5-133	0			
cis-1,2-Dichloroethene	48.75	5.0	50	0	97.5	80-120	0			
cis-1,3-Dichloropropene	50.26	5.0	50	0	101	80-120	0			
Dibromochloromethane	51.88	5.0	50	0	104	80-120	0			
Ethylbenzene	52.04	5.0	50	0	104	80-120	0			
Isopropylbenzene	47.3	5.0	50	0	94.6	80-120	0			
m,p-Xylene	96.72	10	100	0	96.7	80-120	0			
Methyl tert-butyl ether	54.49	5.0	50	0	109	75.8-123	0			
Methylene chloride	53.33	10	50	0	107	74.7-120	0			
n-Butylbenzene	45.63	5.0	50	0	91.3	80-120	0			
n-Propylbenzene	45.65	5.0	50	0	91.3	80-120	0			
Naphthalene	54.73	5.0	50	0	109	71.4-124	0			
o-Xylene	48.96	5.0	50	0	97.9	80-120	0			
sec-Butylbenzene	44.7	5.0	50	0	89.4	80-120	0			
Styrene	48.73	5.0	50	0	97.5	80-120	0			
Tetrachloroethene	48.79	5.0	50	0	97.6	80-120	0			

ND - Not Detected at the Reporting Limit

Q - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049		Instrument ID VOA2		Method: SW8260				
Toluene	50.38	5.0	50	0	101	80-120	0	
trans-1,2-Dichloroethene	51.47	5.0	50	0	103	75.9-122	0	
trans-1,3-Dichloropropene	50.16	5.0	50	0	100	80-120	0	
Trichloroethene	50.22	5.0	50	0	100	80-120	0	
Vinyl chloride	50.59	2.0	50	0	101	76.2-121	0	
Xylenes, Total	145.7	15	150	0	97.1	80-120	0	
Surr: 1,2-Dichloroethane-d4	48.99	5.0	50	0	98	70-125	0	
Surr: 4-Bromofluorobenzene	47.18	5.0	50	0	94.4	72.4-125	0	
Surr: Dibromofluoromethane	46.68	5.0	50	0	93.4	71.2-125	0	
Surr: Toluene-d8	43.64	5.0	50	0	87.3	75-125	0	

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049 Instrument ID VOA2 Method: SW8260

MS Sample ID: 0612160-05AMS Units: µg/L Analysis Date: 12/18/06 16:31

Client ID: Run ID: VOA2_061218A SeqNo: 1018389 Prep Date: DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	452.3	50	500	0	90.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	456.8	50	500	0	91.4	78.9-121	0			
1,1,2-Trichloroethane	461.5	50	500	0	92.3	80-120	0			
1,1-Dichloroethane	481.7	50	500	0	96.3	74.2-122	0			
1,1-Dichloroethene	420.3	50	500	0	84.1	75.8-122	0			
1,2,4-Trimethylbenzene	436.5	50	500	0	87.3	80-120	0			
1,2-Dibromoethane	472.2	50	500	0	94.4	80-120	0			
1,2-Dichloroethane	515.6	50	500	0	103	78.8-120	0			
1,2-Dichloropropane	498.9	50	500	0	99.8	80-120	0			
1,3,5-Trimethylbenzene	425.2	50	500	0	85	80-120	0			
2-Butanone	854.2	100	1000	0	85.4	69.2-131	0			
2-Hexanone	923.4	100	1000	0	92.3	59.1-135	0			
4-Isopropyltoluene	410.4	50	500	0	82.1	80-120	0			
4-Methyl-2-pentanone	932	100	1000	0	93.2	71.6-124	0			
Acetone	944	100	1000	0	94.4	60.1-141	0			
Benzene	473.9	50	500	0	94.8	80-120	0			
Bromodichloromethane	539	50	500	0	108	80-120	0			
Bromoform	497.9	50	500	0	99.6	78.1-120	0			
Bromomethane	451.9	50	500	0	90.4	52.8-147	0			
Carbon disulfide	846.2	100	1000	0	84.6	78.8-120	0			
Carbon tetrachloride	401.2	50	500	0	80.2	76.8-120	0			
Chlorobenzene	458.2	50	500	0	91.6	80-120	0			
Chloroethane	466.8	50	500	0	93.4	74.2-120	0			
Chloroform	500.1	50	500	0	100	80-120	0			
Chloromethane	431.7	50	500	0	86.3	63.5-133	0			
cis-1,2-Dichloroethene	634.7	50	500	168.8	93.2	80-120	0			
cis-1,3-Dichloropropene	501	50	500	0	100	80-120	0			
Dibromochloromethane	505.8	50	500	0	101	80-120	0			
Ethylbenzene	484.9	50	500	0	97	80-120	0			
Isopropylbenzene	418.1	50	500	0	83.6	80-120	0			
m,p-Xylene	894.4	100	1000	0	89.4	80-120	0			
Methyl tert-butyl ether	488.5	50	500	17.8	94.1	75.8-123	0			
Methylene chloride	497.7	100	500	0	99.5	74.7-120	0			
n-Butylbenzene	409	50	500	0	81.8	80-120	0			
n-Propylbenzene	406.9	50	500	0	81.4	80-120	0			
Naphthalene	442.2	50	500	0	88.4	71.4-124	0			
o-Xylene	466.5	50	500	0	93.3	80-120	0			
sec-Butylbenzene	389.2	50	500	0	77.8	80-120	0			S
Styrene	469.4	50	500	0	93.9	80-120	0			
Tetrachloroethene	1118	50	500	835.1	56.6	80-120	0			S

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049	Instrument ID VOA2			Method: SW8260				
Toluene	468.2	50	500	0	93.6	80-120	0	
trans-1,2-Dichloroethene	468.2	50	500	0	93.6	75.9-122	0	
trans-1,3-Dichloropropene	484.4	50	500	0	96.9	80-120	0	
Trichloroethene	527.8	50	500	72.59	91	80-120	0	
Vinyl chloride	416.3	20	500	0	83.3	76.2-121	0	
Xylenes, Total	1361	150	1500	0	90.7	80-120	0	
Surr: 1,2-Dichloroethane-d4	482.2	50	500	0	96.4	70-125	0	
Surr: 4-Bromofluorobenzene	461.7	50	500	0	92.3	72.4-125	0	
Surr: Dibromofluoromethane	475.5	50	500	0	95.1	71.2-125	0	
Surr: Toluene-d8	440.1	50	500	0	88	75-125	0	

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0612160-05AMSD Units: µg/L Analysis Date: 12/18/06 16:56

Client ID: Run ID: VOA2_061218A SeqNo: 1018390 Prep Date: DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	493.4	50	500	0	98.7	79.6-120	452.3	8.7	20	
1,1,2,2-Tetrachloroethane	461.5	50	500	0	92.3	78.9-121	456.8	1.02	20	
1,1,2-Trichloroethane	479.2	50	500	0	95.8	80-120	461.5	3.76	20	
1,1-Dichloroethane	498.2	50	500	0	99.6	74.2-122	481.7	3.36	20	
1,1-Dichloroethene	472.5	50	500	0	94.5	75.8-122	420.3	11.7	20	
1,2,4-Trimethylbenzene	451.9	50	500	0	90.4	80-120	436.5	3.48	20	
1,2-Dibromoethane	492.5	50	500	0	98.5	80-120	472.2	4.2	20	
1,2-Dichloroethane	515.4	50	500	0	103	78.8-120	515.6	0.044	20	
1,2-Dichloropropane	497.7	50	500	0	99.5	80-120	498.9	0.224	20	
1,3,5-Trimethylbenzene	444.2	50	500	0	88.8	80-120	425.2	4.37	20	
2-Butanone	917.7	100	1000	0	91.8	69.2-131	854.2	7.16	20	
2-Hexanone	981.1	100	1000	0	98.1	59.1-135	923.4	6.06	20	
4-Isopropyltoluene	426.5	50	500	0	85.3	80-120	410.4	3.85	20	
4-Methyl-2-pentanone	992.3	100	1000	0	99.2	71.6-124	932	6.27	20	
Acetone	1050	100	1000	0	105	60.1-141	944	10.6	20	
Benzene	496	50	500	0	99.2	80-120	473.9	4.57	20	
Bromodichloromethane	532.1	50	500	0	106	80-120	539	1.29	20	
Bromoform	495.7	50	500	0	99.1	78.1-120	497.9	0.451	20	
Bromomethane	466	50	500	0	93.2	52.8-147	451.9	3.07	20	
Carbon disulfide	949.4	100	1000	0	94.9	78.8-120	846.2	11.5	20	
Carbon tetrachloride	441.6	50	500	0	88.3	76.8-120	401.2	9.59	20	
Chlorobenzene	468.2	50	500	0	93.6	80-120	458.2	2.16	20	
Chloroethane	496	50	500	0	99.2	74.2-120	466.8	6.07	20	
Chloroform	497.7	50	500	0	99.5	80-120	500.1	0.491	20	
Chloromethane	455.4	50	500	0	91.1	63.5-133	431.7	5.34	20	
cis-1,2-Dichloroethene	635.9	50	500	168.8	93.4	80-120	634.7	0.191	20	
cis-1,3-Dichloropropene	507.9	50	500	0	102	80-120	501	1.36	20	
Dibromochloromethane	517.3	50	500	0	103	80-120	505.8	2.24	20	
Ethylbenzene	493.4	50	500	0	98.7	80-120	484.9	1.74	20	
Isopropylbenzene	438	50	500	0	87.6	80-120	418.1	4.66	20	
m,p-Xylene	926.3	100	1000	0	92.6	80-120	894.4	3.51	20	
Methyl tert-butyl ether	515.6	50	500	17.8	99.6	75.8-123	488.5	5.4	20	
Methylene chloride	528.6	100	500	0	106	74.7-120	497.7	6.02	20	
n-Butylbenzene	427	50	500	0	85.4	80-120	409	4.31	20	
n-Propylbenzene	431.5	50	500	0	86.3	80-120	406.9	5.87	20	
Naphthalene	493.7	50	500	0	98.7	71.4-124	442.2	11	20	
o-Xylene	471.5	50	500	0	94.3	80-120	466.5	1.07	20	
sec-Butylbenzene	418	50	500	0	83.6	80-120	389.2	7.15	20	
Styrene	475.1	50	500	0	95	80-120	469.4	1.22	20	
Tetrachloroethene	1204	50	500	835.1	73.7	80-120	1118	7.35	20	S

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45049		Instrument ID VOA2		Method: SW8260					
Toluene	484.1	50	500	0	96.8	80-120	468.2	3.34	20
trans-1,2-Dichloroethene	490.2	50	500	0	98	75.9-122	468.2	4.59	20
trans-1,3-Dichloropropene	497.6	50	500	0	99.5	80-120	484.4	2.69	20
Trichloroethene	549.8	50	500	72.59	95.4	80-120	527.8	4.09	20
Vinyl chloride	473.9	20	500	0	94.8	76.2-121	416.3	12.9	20
Xylenes, Total	1398	150	1500	0	93.2	80-120	1361	2.68	20
Surr: 1,2-Dichloroethane-d4	458.2	50	500	0	91.6	70-125	482.2	5.11	20
Surr: 4-Bromofluorobenzene	452.3	50	500	0	90.5	72.4-125	461.7	2.04	20
Surr: Dibromofluoromethane	463.5	50	500	0	92.7	71.2-125	475.5	2.56	20
Surr: Toluene-d8	439.2	50	500	0	87.8	75-125	440.1	0.212	20

The following samples were analyzed in this batch:

0612264-22A 0612264-24A

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061219 Units: µg/L Analysis Date: 12/19/06 11:42

Client ID: Run ID: VOA2_061219A SeqNo: 1019413 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Isopropyltoluene	ND	5.0								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	10								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
m,p-Xylene	ND	10								
Methyl tert-butyl ether	ND	5.0								
Methylene chloride	ND	10								
n-Butylbenzene	ND	5.0								
n-Propylbenzene	ND	5.0								
Naphthalene	ND	5.0								
o-Xylene	ND	5.0								
sec-Butylbenzene	ND	5.0								
Styrene	ND	5.0								
Tetrachloroethene	ND	5.0								

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107	Instrument ID VOA2	Method: SW8260
Toluene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Vinyl chloride	ND	2.0
Xylenes, Total	ND	15
Surr: 1,2-Dichloroethane-d4	51.24	5.0 50 0 102 70-125 0
Surr: 4-Bromofluorobenzene	39.87	5.0 50 0 79.7 72.4-125 0
Surr: Dibromofluoromethane	48.53	5.0 50 0 97.1 71.2-125 0
Surr: Toluene-d8	44.93	5.0 50 0 89.9 75-125 0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45107** Instrument ID **VOA2** Method: **SW8260**

LCS		Sample ID: VLCSW-061219		Units: µg/L		Analysis Date: 12/19/06 10:52				
Client ID:		Run ID: VOA2_061219A		SeqNo: 1019412		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	51.06	5.0	50	0	102	79.6-120	0			
1,1,2,2-Tetrachloroethane	45.39	5.0	50	0	90.8	78.9-121	0			
1,1,2-Trichloroethane	45.81	5.0	50	0	91.6	80-120	0			
1,1-Dichloroethane	50.86	5.0	50	0	102	74.2-122	0			
1,1-Dichloroethene	50.72	5.0	50	0	101	75.8-122	0			
1,2,4-Trimethylbenzene	47.67	5.0	50	0	95.3	80-120	0			
1,2-Dibromoethane	47.68	5.0	50	0	95.4	80-120	0			
1,2-Dichloroethane	48.12	5.0	50	0	96.2	78.8-120	0			
1,2-Dichloropropane	48.86	5.0	50	0	97.7	80-120	0			
1,3,5-Trimethylbenzene	47.45	5.0	50	0	94.9	80-120	0			
2-Butanone	93.18	10	100	0	93.2	69.2-131	0			
2-Hexanone	96.97	10	100	0	97	59.1-135	0			
4-Isopropyltoluene	46.92	5.0	50	0	93.8	80-120	0			
4-Methyl-2-pentanone	97.39	10	100	0	97.4	71.6-124	0			
Acetone	105.5	10	100	0	106	60.1-141	0			
Benzene	49.47	5.0	50	0	98.9	80-120	0			
Bromodichloromethane	51.13	5.0	50	0	102	80-120	0			
Bromoform	50.24	5.0	50	0	100	78.1-120	0			
Bromomethane	47.55	5.0	50	0	95.1	52.8-147	0			
Carbon disulfide	102.6	10	100	0	103	78.8-120	0			
Carbon tetrachloride	47.73	5.0	50	0	95.5	76.8-120	0			
Chlorobenzene	47.52	5.0	50	0	95	80-120	0			
Chloroethane	51.06	5.0	50	0	102	74.2-120	0			
Chloroform	48.41	5.0	50	0	96.8	80-120	0			
Chloromethane	46.67	5.0	50	0	93.3	63.5-133	0			
cis-1,2-Dichloroethene	47.53	5.0	50	0	95.1	80-120	0			
cis-1,3-Dichloropropene	48.86	5.0	50	0	97.7	80-120	0			
Dibromochloromethane	50.15	5.0	50	0	100	80-120	0			
Ethylbenzene	53.41	5.0	50	0	107	80-120	0			
Isopropylbenzene	47.83	5.0	50	0	95.7	80-120	0			
m,p-Xylene	96.77	10	100	0	96.8	80-120	0			
Methyl tert-butyl ether	49.36	5.0	50	0	98.7	75.8-123	0			
Methylene chloride	51.51	10	50	0	103	74.7-120	0			
n-Butylbenzene	48.03	5.0	50	0	96.1	80-120	0			
n-Propylbenzene	47.23	5.0	50	0	94.5	80-120	0			
Naphthalene	50.01	5.0	50	0	100	71.4-124	0			
o-Xylene	48.96	5.0	50	0	97.9	80-120	0			
sec-Butylbenzene	46.87	5.0	50	0	93.7	80-120	0			
Styrene	48.81	5.0	50	0	97.6	80-120	0			
Tetrachloroethene	49.96	5.0	50	0	99.9	80-120	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107		Instrument ID VOA2		Method: SW8260				
Toluene	50.88	5.0	50	0	102	80-120	0	
trans-1,2-Dichloroethene	50.51	5.0	50	0	101	75.9-122	0	
trans-1,3-Dichloropropene	49.13	5.0	50	0	98.3	80-120	0	
Trichloroethene	49.23	5.0	50	0	98.5	80-120	0	
Vinyl chloride	50.42	2.0	50	0	101	76.2-121	0	
Xylenes, Total	145.7	15	150	0	97.2	80-120	0	
Surr: 1,2-Dichloroethane-d4	45.22	5.0	50	0	90.4	70-125	0	
Surr: 4-Bromofluorobenzene	46.23	5.0	50	0	92.5	72.4-125	0	
Surr: Dibromofluoromethane	47.43	5.0	50	0	94.9	71.2-125	0	
Surr: Toluene-d8	44.63	5.0	50	0	89.3	75-125	0	

ND - Not Detected at the Reporting Limit

L - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107 Instrument ID VOA2 Method: SW8260

MS Sample ID: 0612264-17AMS Units: µg/L Analysis Date: 12/19/06 15:03

Client ID: OCD-2A Run ID: VOA2_061219A SeqNo: 1019421 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.73	5.0	50	0	97.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.57	5.0	50	0	99.1	78.9-121	0			
1,1,2-Trichloroethane	47.53	5.0	50	0	95.1	80-120	0			
1,1-Dichloroethane	50.34	5.0	50	0	101	74.2-122	0			
1,1-Dichloroethene	49.81	5.0	50	0	99.6	75.8-122	0			
1,2,4-Trimethylbenzene	45.35	5.0	50	0	90.7	80-120	0			
1,2-Dibromoethane	49.76	5.0	50	0	99.5	80-120	0			
1,2-Dichloroethane	50.36	5.0	50	0	101	78.8-120	0			
1,2-Dichloropropane	48.89	5.0	50	0	97.8	80-120	0			
1,3,5-Trimethylbenzene	45.31	5.0	50	0	90.6	80-120	0			
2-Butanone	104.8	10	100	0	105	69.2-131	0			
2-Hexanone	115.8	10	100	0	116	59.1-135	0			
4-Isopropyltoluene	45.4	5.0	50	0	90.8	80-120	0			
4-Methyl-2-pentanone	115.5	10	100	0	116	71.6-124	0			
Acetone	117.5	10	100	0	117	60.1-141	0			
Benzene	53.32	5.0	50	0.577	105	80-120	0			
Bromodichloromethane	50.74	5.0	50	0	101	80-120	0			
Bromoform	44.25	5.0	50	0	88.5	78.1-120	0			
Bromomethane	41.6	5.0	50	0	83.2	52.8-147	0			
Carbon disulfide	91.18	10	100	0	91.2	78.8-120	0			
Carbon tetrachloride	43.12	5.0	50	0	86.2	76.8-120	0			
Chlorobenzene	46.26	5.0	50	0	92.5	80-120	0			
Chloroethane	52.44	5.0	50	0	105	74.2-120	0			
Chloroform	49.83	5.0	50	0	99.7	80-120	0			
Chloromethane	44.22	5.0	50	0	88.4	63.5-133	0			
cis-1,2-Dichloroethene	48.33	5.0	50	0	96.7	80-120	0			
cis-1,3-Dichloropropene	48.98	5.0	50	0	98	80-120	0			
Dibromochloromethane	46.75	5.0	50	0	93.5	80-120	0			
Ethylbenzene	50.45	5.0	50	0	101	80-120	0			
Isopropylbenzene	45.94	5.0	50	0	91.9	80-120	0			
m,p-Xylene	91.94	10	100	0	91.9	80-120	0			
Methyl tert-butyl ether	57.99	5.0	50	0	116	75.8-123	0			
Methylene chloride	51.64	10	50	0	103	74.7-120	0			
n-Butylbenzene	46.42	5.0	50	0	92.8	80-120	0			
n-Propylbenzene	45.33	5.0	50	0	90.7	80-120	0			
Naphthalene	65.93	5.0	50	0	132	71.4-124	0			S
o-Xylene	46.86	5.0	50	0	93.7	80-120	0			
sec-Butylbenzene	45.27	5.0	50	0	90.5	80-120	0			
Styrene	41.31	5.0	50	0	82.6	80-120	0			
Tetrachloroethene	46.27	5.0	50	0	92.5	80-120	0			

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107		Instrument ID VOA2		Method: SW8260			
Toluene	48.87	5.0	50	0	97.7	80-120	0
trans-1,2-Dichloroethene	50.22	5.0	50	0	100	75.9-122	0
trans-1,3-Dichloropropene	47.33	5.0	50	0	94.7	80-120	0
Trichloroethene	49.34	5.0	50	0	98.7	80-120	0
Vinyl chloride	47.24	2.0	50	0	94.5	76.2-121	0
Xylenes, Total	138.8	15	150	0	92.5	80-120	0
Surr: 1,2-Dichloroethane-d4	45.85	5.0	50	0	91.7	70-125	0
Surr: 4-Bromofluorobenzene	46.34	5.0	50	0	92.7	72.4-125	0
Surr: Dibromofluoromethane	46.23	5.0	50	0	92.5	71.2-125	0
Surr: Toluene-d8	43.05	5.0	50	0	86.1	75-125	0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0612264-17AMSD Units: µg/L Analysis Date: 12/19/06 15:28

Client ID: OCD-2A Run ID: VOA2_061219A SeqNo: 1019422 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	41.99	5.0	50	0	84	79.6-120	48.73	14.9	20	
1,1,2,2-Tetrachloroethane	48.55	5.0	50	0	97.1	78.9-121	49.57	2.08	20	
1,1,2-Trichloroethane	47.75	5.0	50	0	95.5	80-120	47.53	0.448	20	
1,1-Dichloroethane	48.06	5.0	50	0	96.1	74.2-122	50.34	4.64	20	
1,1-Dichloroethene	41.97	5.0	50	0	83.9	75.8-122	49.81	17.1	20	
1,2,4-Trimethylbenzene	32.11	5.0	50	0	64.2	80-120	45.35	34.2	20	SR
1,2-Dibromoethane	50.23	5.0	50	0	100	80-120	49.76	0.942	20	
1,2-Dichloroethane	49.78	5.0	50	0	99.6	78.8-120	50.36	1.14	20	
1,2-Dichloropropane	47.64	5.0	50	0	95.3	80-120	48.89	2.6	20	
1,3,5-Trimethylbenzene	33.92	5.0	50	0	67.8	80-120	45.31	28.7	20	SR
2-Butanone	103.5	10	100	0	103	69.2-131	104.8	1.25	20	
2-Hexanone	110.9	10	100	0	111	59.1-135	115.8	4.3	20	
4-Isopropyltoluene	32.99	5.0	50	0	66	80-120	45.4	31.7	20	SR
4-Methyl-2-pentanone	110.1	10	100	0	110	71.6-124	115.5	4.82	20	
Acetone	113.1	10	100	0	113	60.1-141	117.5	3.76	20	
Benzene	47.93	5.0	50	0.577	94.7	80-120	53.32	10.7	20	
Bromodichloromethane	49.58	5.0	50	0	99.2	80-120	50.74	2.31	20	
Bromoform	47.95	5.0	50	0	95.9	78.1-120	44.25	8.02	20	
Bromomethane	42.46	5.0	50	0	84.9	52.8-147	41.6	2.06	20	
Carbon disulfide	83.41	10	100	0	83.4	78.8-120	91.18	8.9	20	
Carbon tetrachloride	35.67	5.0	50	0	71.3	76.8-120	43.12	18.9	20	S
Chlorobenzene	44.02	5.0	50	0	88	80-120	46.26	4.97	20	
Chloroethane	48.76	5.0	50	0	97.5	74.2-120	52.44	7.26	20	
Chloroform	47.68	5.0	50	0	95.4	80-120	49.83	4.42	20	
Chloromethane	43.63	5.0	50	0	87.3	63.5-133	44.22	1.35	20	
cis-1,2-Dichloroethene	47.17	5.0	50	0	94.3	80-120	48.33	2.44	20	
cis-1,3-Dichloropropene	46.92	5.0	50	0	93.8	80-120	48.98	4.29	20	
Dibromochloromethane	48.71	5.0	50	0	97.4	80-120	46.75	4.11	20	
Ethylbenzene	45.01	5.0	50	0	90	80-120	50.45	11.4	20	
Isopropylbenzene	37.68	5.0	50	0	75.4	80-120	45.94	19.8	20	S
m,p-Xylene	80.38	10	100	0	80.4	80-120	91.94	13.4	20	
Methyl tert-butyl ether	55.08	5.0	50	0	110	75.8-123	57.99	5.14	20	
Methylene chloride	50.23	10	50	0	100	74.7-120	51.64	2.76	20	
n-Butylbenzene	32.66	5.0	50	0	65.3	80-120	46.42	34.8	20	SR
n-Propylbenzene	35.95	5.0	50	0	71.9	80-120	45.33	23.1	20	SR
Naphthalene	52.63	5.0	50	0	105	71.4-124	65.93	22.4	20	R
o-Xylene	42.25	5.0	50	0	84.5	80-120	46.86	10.3	20	
sec-Butylbenzene	32.24	5.0	50	0	64.5	80-120	45.27	33.6	20	SR
Styrene	29.45	5.0	50	0	58.9	80-120	41.31	33.5	20	SR
Tetrachloroethene	38.6	5.0	50	0	77.2	80-120	46.27	18.1	20	S

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45107		Instrument ID VOA2		Method: SW8260						
Toluene	45.99	5.0	50	0	92	80-120	48.87	6.08	20	
trans-1,2-Dichloroethene	46.04	5.0	50	0	92.1	75.9-122	50.22	8.67	20	
trans-1,3-Dichloropropene	48.03	5.0	50	0	96.1	80-120	47.33	1.47	20	
Trichloroethene	45.62	5.0	50	0	91.2	80-120	49.34	7.83	20	
Vinyl chloride	42.91	2.0	50	0	85.8	76.2-121	47.24	9.61	20	
Xylenes, Total	122.6	15	150	0	81.8	80-120	138.8	12.4	20	
Surr: 1,2-Dichloroethane-d4	44.58	5.0	50	0	89.2	70-125	45.85	2.8	20	
Surr: 4-Bromofluorobenzene	46.29	5.0	50	0	92.6	72.4-125	46.34	0.0961	20	
Surr: Dibromofluoromethane	45.87	5.0	50	0	91.7	71.2-125	46.23	0.777	20	
Surr: Toluene-d8	44.12	5.0	50	0	88.2	75-125	43.05	2.44	20	

The following samples were analyzed in this batch:

0612264-01A	0612264-02A	0612264-04A
0612264-16A	0612264-17A	0612264-18A
0612264-19A	0612264-20A	

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45134 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061220 Units: µg/L Analysis Date: 12/20/06 13:43

Client ID: Run ID: VOA2_061220A SeqNo: 1020124 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Isopropyltoluene	ND	5.0								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	10								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
m,p-Xylene	ND	10								
Methyl tert-butyl ether	ND	5.0								
Methylene chloride	ND	10								
n-Butylbenzene	ND	5.0								
n-Propylbenzene	ND	5.0								
Naphthalene	ND	5.0								
o-Xylene	ND	5.0								
sec-Butylbenzene	ND	5.0								
Styrene	ND	5.0								
Tetrachloroethene	ND	5.0								

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45134	Instrument ID VOA2	Method: SW8260
Toluene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Vinyl chloride	ND	2.0
Xylenes, Total	ND	15
Surr: 1,2-Dichloroethane-d4	49.72	5.0 50 0 99.4 70-125 0
Surr: 4-Bromofluorobenzene	40.29	5.0 50 0 80.6 72.4-125 0
Surr: Dibromofluoromethane	48.22	5.0 50 0 96.4 71.2-125 0
Surr: Toluene-d8	45.96	5.0 50 0 91.9 75-125 0

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45134** Instrument ID **VOA2** Method: **SW8260**

LCS		Sample ID: VLCSW-061220		Units: µg/L		Analysis Date: 12/20/06 12:53				
Client ID:		Run ID: VOA2_061220A		SeqNo: 1020123		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.92	5.0	50	0	106	79.6-120	0			
1,1,2,2-Tetrachloroethane	46.99	5.0	50	0	94	78.9-121	0			
1,1,2-Trichloroethane	47.6	5.0	50	0	95.2	80-120	0			
1,1-Dichloroethane	51.4	5.0	50	0	103	74.2-122	0			
1,1-Dichloroethene	50.93	5.0	50	0	102	75.8-122	0			
1,2,4-Trimethylbenzene	47	5.0	50	0	94	80-120	0			
1,2-Dibromoethane	49.06	5.0	50	0	98.1	80-120	0			
1,2-Dichloroethane	49.82	5.0	50	0	99.6	78.8-120	0			
1,2-Dichloropropane	49.67	5.0	50	0	99.3	80-120	0			
1,3,5-Trimethylbenzene	47.38	5.0	50	0	94.8	80-120	0			
2-Butanone	98.05	10	100	0	98.1	69.2-131	0			
2-Hexanone	105.9	10	100	0	106	59.1-135	0			
4-Isopropyltoluene	47.51	5.0	50	0	95	80-120	0			
4-Methyl-2-pentanone	99.18	10	100	0	99.2	71.6-124	0			
Acetone	114.7	10	100	0	115	60.1-141	0			
Benzene	50.27	5.0	50	0	101	80-120	0			
Bromodichloromethane	52.05	5.0	50	0	104	80-120	0			
Bromoform	50.95	5.0	50	0	102	78.1-120	0			
Bromomethane	40.19	5.0	50	0	80.4	52.8-147	0			
Carbon disulfide	106.4	10	100	0	106	78.8-120	0			
Carbon tetrachloride	48.44	5.0	50	0	96.9	76.8-120	0			
Chlorobenzene	47.95	5.0	50	0	95.9	80-120	0			
Chloroethane	53.21	5.0	50	0	106	74.2-120	0			
Chloroform	50.28	5.0	50	0	101	80-120	0			
Chloromethane	44.87	5.0	50	0	89.7	63.5-133	0			
cis-1,2-Dichloroethene	49.09	5.0	50	0	98.2	80-120	0			
cis-1,3-Dichloropropene	49.55	5.0	50	0	99.1	80-120	0			
Dibromochloromethane	50.84	5.0	50	0	102	80-120	0			
Ethylbenzene	52.61	5.0	50	0	105	80-120	0			
Isopropylbenzene	48.57	5.0	50	0	97.1	80-120	0			
m,p-Xylene	97.35	10	100	0	97.3	80-120	0			
Methyl tert-butyl ether	51.51	5.0	50	0	103	75.8-123	0			
Methylene chloride	53.19	10	50	0	106	74.7-120	0			
n-Butylbenzene	48.81	5.0	50	0	97.6	80-120	0			
n-Propylbenzene	46.54	5.0	50	0	93.1	80-120	0			
Naphthalene	52.74	5.0	50	0	105	71.4-124	0			
o-Xylene	49.61	5.0	50	0	99.2	80-120	0			
sec-Butylbenzene	46.82	5.0	50	0	93.6	80-120	0			
Styrene	48.71	5.0	50	0	97.4	80-120	0			
Tetrachloroethene	49.74	5.0	50	0	99.5	80-120	0			

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company

Work Order: 0612264

Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45134	Instrument ID VOA2		Method: SW8260				
Toluene	51.03	5.0	50	0	102	80-120	0
trans-1,2-Dichloroethene	51.25	5.0	50	0	103	75.9-122	0
trans-1,3-Dichloropropene	49.55	5.0	50	0	99.1	80-120	0
Trichloroethene	51.7	5.0	50	0	103	80-120	0
Vinyl chloride	50.76	2.0	50	0	102	76.2-121	0
Xylenes, Total	147	15	150	0	98	80-120	0
<i>Surr: 1,2-Dichloroethane-d4</i>	45.65	5.0	50	0	91.3	70-125	0
<i>Surr: 4-Bromofluorobenzene</i>	46.78	5.0	50	0	93.6	72.4-125	0
<i>Surr: Dibromofluoromethane</i>	47.63	5.0	50	0	95.3	71.2-125	0
<i>Surr: Toluene-d8</i>	44.51	5.0	50	0	89	75-125	0

ND - Not Detected at the Reporting Limit

D - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45134 Instrument ID VOA2 Method: SW8260

MS Sample ID: 0612264-12AMS Units: µg/L Analysis Date: 12/20/06 16:38

Client ID: MW-16 Run ID: VOA2_061220A SeqNo: 1020131 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	50.23	5.0	50	0	100	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.36	5.0	50	0	96.7	78.9-121	0			
1,1,2-Trichloroethane	46.95	5.0	50	0	93.9	80-120	0			
1,1-Dichloroethane	49.85	5.0	50	0	99.7	74.2-122	0			
1,1-Dichloroethene	47.38	5.0	50	0	94.8	75.8-122	0			
1,2,4-Trimethylbenzene	42.37	5.0	50	0	84.7	80-120	0			
1,2-Dibromoethane	49.42	5.0	50	0	98.8	80-120	0			
1,2-Dichloroethane	51.12	5.0	50	0	102	78.8-120	0			
1,2-Dichloropropane	49.64	5.0	50	0	99.3	80-120	0			
1,3,5-Trimethylbenzene	41.7	5.0	50	0	83.4	80-120	0			
2-Butanone	94.07	10	100	0	94.1	69.2-131	0			
2-Hexanone	110.1	10	100	0	110	59.1-135	0			
4-Isopropyltoluene	41.02	5.0	50	0	82	80-120	0			
4-Methyl-2-pentanone	106.7	10	100	0	107	71.6-124	0			
Acetone	104.4	10	100	0	104	60.1-141	0			
Benzene	49.48	5.0	50	0	99	80-120	0			
Bromodichloromethane	52.68	5.0	50	0	105	80-120	0			
Bromoform	51.04	5.0	50	0	102	78.1-120	0			
Bromomethane	37.78	5.0	50	0	75.6	52.8-147	0			
Carbon disulfide	92.25	10	100	0	92.2	78.8-120	0			
Carbon tetrachloride	44.98	5.0	50	0	90	76.8-120	0			
Chlorobenzene	44.73	5.0	50	0	89.5	80-120	0			
Chloroethane	47.74	5.0	50	0	95.5	74.2-120	0			
Chloroform	50.13	5.0	50	0	100	80-120	0			
Chloromethane	44.15	5.0	50	0	88.3	63.5-133	0			
cis-1,2-Dichloroethene	47.65	5.0	50	0	95.3	80-120	0			
cis-1,3-Dichloropropene	47.99	5.0	50	0	96	80-120	0			
Dibromochloromethane	50.49	5.0	50	0	101	80-120	0			
Ethylbenzene	48.52	5.0	50	0	97	80-120	0			
Isopropylbenzene	42.7	5.0	50	0	85.4	80-120	0			
m,p-Xylene	88.36	10	100	0	88.4	80-120	0			
Methyl tert-butyl ether	58.15	5.0	50	0	116	75.8-123	0			
Methylene chloride	51.46	10	50	0	103	74.7-120	0			
n-Butylbenzene	40.91	5.0	50	0	81.8	80-120	0			
n-Propylbenzene	40.82	5.0	50	0	81.6	80-120	0			
Naphthalene	46.56	5.0	50	0	93.1	71.4-124	0			
o-Xylene	45.55	5.0	50	0	91.1	80-120	0			
sec-Butylbenzene	39.69	5.0	50	0	79.4	80-120	0			S
Styrene	46.2	5.0	50	0	92.4	80-120	0			
Tetrachloroethene	43.52	5.0	50	0	87	80-120	0			

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45134		Instrument ID VOA2		Method: SW8260			
Toluene	47.42	5.0	50	0	94.8	80-120	0
trans-1,2-Dichloroethene	48.67	5.0	50	0	97.3	75.9-122	0
trans-1,3-Dichloropropene	47.77	5.0	50	0	95.5	80-120	0
Trichloroethene	48.07	5.0	50	0	96.1	80-120	0
Vinyl chloride	46.77	2.0	50	0	93.5	76.2-121	0
Xylenes, Total	133.9	15	150	0	89.3	80-120	0
Surr: 1,2-Dichloroethane-d4	46.7	5.0	50	0	93.4	70-125	0
Surr: 4-Bromofluorobenzene	46.29	5.0	50	0	92.6	72.4-125	0
Surr: Dibromofluoromethane	48.15	5.0	50	0	96.3	71.2-125	0
Surr: Toluene-d8	43.37	5.0	50	0	86.7	75-125	0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45134** Instrument ID **VOA2** Method: **SW8260**

MSD		Sample ID: 0612264-12AMSD		Units: µg/L		Analysis Date: 12/20/06 17:03				
Client ID: MW-16		Run ID: VOA2_061220A		SeqNo: 1020132		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.6	5.0	50	0	97.2	79.6-120	50.23	3.31	20	
1,1,2,2-Tetrachloroethane	48.04	5.0	50	0	96.1	78.9-121	48.36	0.672	20	
1,1,2-Trichloroethane	47.63	5.0	50	0	95.3	80-120	46.95	1.45	20	
1,1-Dichloroethane	49.49	5.0	50	0	99	74.2-122	49.85	0.725	20	
1,1-Dichloroethene	47.01	5.0	50	0	94	75.8-122	47.38	0.785	20	
1,2,4-Trimethylbenzene	43.21	5.0	50	0	86.4	80-120	42.37	1.96	20	
1,2-Dibromoethane	49.51	5.0	50	0	99	80-120	49.42	0.183	20	
1,2-Dichloroethane	49.01	5.0	50	0	98	78.8-120	51.12	4.22	20	
1,2-Dichloropropane	49.17	5.0	50	0	98.3	80-120	49.64	0.94	20	
1,3,5-Trimethylbenzene	43.29	5.0	50	0	86.6	80-120	41.7	3.75	20	
2-Butanone	96.35	10	100	0	96.3	69.2-131	94.07	2.4	20	
2-Hexanone	110.7	10	100	0	111	59.1-135	110.1	0.544	20	
4-Isopropyltoluene	42.08	5.0	50	0	84.2	80-120	41.02	2.56	20	
4-Methyl-2-pentanone	108.5	10	100	0	108	71.6-124	106.7	1.7	20	
Acetone	106.1	10	100	0	106	60.1-141	104.4	1.65	20	
Benzene	49.38	5.0	50	0	98.8	80-120	49.48	0.195	20	
Bromodichloromethane	52.46	5.0	50	0	105	80-120	52.68	0.411	20	
Bromoform	50.33	5.0	50	0	101	78.1-120	51.04	1.41	20	
Bromomethane	39.79	5.0	50	0	79.6	52.8-147	37.78	5.18	20	
Carbon disulfide	92.39	10	100	0	92.4	78.8-120	92.25	0.162	20	
Carbon tetrachloride	44.16	5.0	50	0	88.3	76.8-120	44.98	1.83	20	
Chlorobenzene	45.75	5.0	50	0	91.5	80-120	44.73	2.25	20	
Chloroethane	49.55	5.0	50	0	99.1	74.2-120	47.74	3.72	20	
Chloroform	49.41	5.0	50	0	98.8	80-120	50.13	1.44	20	
Chloromethane	42.49	5.0	50	0	85	63.5-133	44.15	3.84	20	
cis-1,2-Dichloroethene	47.07	5.0	50	0	94.1	80-120	47.65	1.23	20	
cis-1,3-Dichloropropene	48.14	5.0	50	0	96.3	80-120	47.99	0.315	20	
Dibromochloromethane	51.32	5.0	50	0	103	80-120	50.49	1.63	20	
Ethylbenzene	48.87	5.0	50	0	97.7	80-120	48.52	0.715	20	
Isopropylbenzene	43.77	5.0	50	0	87.5	80-120	42.7	2.46	20	
m,p-Xylene	90.55	10	100	0	90.6	80-120	88.36	2.45	20	
Methyl tert-butyl ether	52.49	5.0	50	0	105	75.8-123	58.15	10.2	20	
Methylene chloride	50.28	10	50	0	101	74.7-120	51.46	2.31	20	
n-Butylbenzene	41.02	5.0	50	0	82	80-120	40.91	0.265	20	
n-Propylbenzene	42.31	5.0	50	0	84.6	80-120	40.82	3.59	20	
Naphthalene	52.64	5.0	50	0	105	71.4-124	46.56	12.3	20	
o-Xylene	47.19	5.0	50	0	94.4	80-120	45.55	3.54	20	
sec-Butylbenzene	40.82	5.0	50	0	81.6	80-120	39.69	2.8	20	
Styrene	47.17	5.0	50	0	94.3	80-120	46.2	2.08	20	
Tetrachloroethene	44.25	5.0	50	0	88.5	80-120	43.52	1.65	20	

ND - Not Detected at the Reporting Limit

L - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45134	Instrument ID VOA2			Method: SW8260						
Toluene	48.41	5.0	50	0	96.8	80-120	47.42	2.07	20	
trans-1,2-Dichloroethene	48.44	5.0	50	0	96.9	75.9-122	48.67	0.478	20	
trans-1,3-Dichloropropene	49.6	5.0	50	0	99.2	80-120	47.77	3.75	20	
Trichloroethene	48.85	5.0	50	0	97.7	80-120	48.07	1.61	20	
Vinyl chloride	46.59	2.0	50	0	93.2	76.2-121	46.77	0.385	20	
Xylenes, Total	137.7	15	150	0	91.8	80-120	133.9	2.82	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	45.55	5.0	50	0	91.1	70-125	46.7	2.5	20	
<i>Surr: 4-Bromofluorobenzene</i>	45.87	5.0	50	0	91.7	72.4-125	46.29	0.902	20	
<i>Surr: Dibromofluoromethane</i>	46.6	5.0	50	0	93.2	71.2-125	48.15	3.27	20	
<i>Surr: Toluene-d8</i>	43.56	5.0	50	0	87.1	75-125	43.37	0.449	20	

The following samples were analyzed in this batch:

0612264-05A	0612264-06A	0612264-08A
0612264-12A	0612264-13A	0612264-14A
0612264-15A	0612264-21A	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45203** Instrument ID **VOA2** Method: **SW8260**

MBLK Sample ID: **VLKW-061221** Units: **µg/L** Analysis Date: **12/21/06 11:43**

Client ID: Run ID: **VOA2_061221A** SeqNo: **1021254** Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	ND	5.0								
1,1,2,2-Tetrachloroethane	ND	5.0								
1,1,2-Trichloroethane	ND	5.0								
1,1-Dichloroethane	ND	5.0								
1,1-Dichloroethene	ND	5.0								
1,2,4-Trimethylbenzene	ND	5.0								
1,2-Dibromoethane	ND	5.0								
1,2-Dichloroethane	ND	5.0								
1,2-Dichloropropane	ND	5.0								
1,3,5-Trimethylbenzene	ND	5.0								
2-Butanone	ND	10								
2-Hexanone	ND	10								
4-Isopropyltoluene	ND	5.0								
4-Methyl-2-pentanone	ND	10								
Acetone	ND	10								
Benzene	ND	5.0								
Bromodichloromethane	ND	5.0								
Bromoform	ND	5.0								
Bromomethane	ND	5.0								
Carbon disulfide	ND	10								
Carbon tetrachloride	ND	5.0								
Chlorobenzene	ND	5.0								
Chloroethane	ND	5.0								
Chloroform	ND	5.0								
Chloromethane	ND	5.0								
cis-1,2-Dichloroethene	ND	5.0								
cis-1,3-Dichloropropene	ND	5.0								
Dibromochloromethane	ND	5.0								
Ethylbenzene	ND	5.0								
Isopropylbenzene	ND	5.0								
m,p-Xylene	ND	10								
Methyl tert-butyl ether	ND	5.0								
Methylene chloride	ND	10								
n-Butylbenzene	ND	5.0								
n-Propylbenzene	ND	5.0								
Naphthalene	ND	5.0								
o-Xylene	ND	5.0								
sec-Butylbenzene	ND	5.0								
Styrene	ND	5.0								
Tetrachloroethene	ND	5.0								

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203	Instrument ID VOA2	Method: SW8260
Toluene	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
Trichloroethene	ND	5.0
Vinyl chloride	ND	2.0
Xylenes, Total	ND	15
Surr: 1,2-Dichloroethane-d4	52.27	5.0 50 0 105 70-125 0
Surr: 4-Bromofluorobenzene	40.63	5.0 50 0 81.3 72.4-125 0
Surr: Dibromofluoromethane	46.43	5.0 50 0 92.9 71.2-125 0
Surr: Toluene-d8	45.61	5.0 50 0 91.2 75-125 0

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203 Instrument ID VOA2 Method: SW8260

LCS Sample ID: VLCSW-061221 Units: µg/L Analysis Date: 12/21/06 10:53

Client ID: Run ID: VOA2_061221A SeqNo: 1021253 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.28	5.0	50	0	105	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.25	5.0	50	0	96.5	78.9-121	0			
1,1,2-Trichloroethane	46.02	5.0	50	0	92	80-120	0			
1,1-Dichloroethane	50.93	5.0	50	0	102	74.2-122	0			
1,1-Dichloroethene	51.78	5.0	50	0	104	75.8-122	0			
1,2,4-Trimethylbenzene	46.19	5.0	50	0	92.4	80-120	0			
1,2-Dibromoethane	48.39	5.0	50	0	96.8	80-120	0			
1,2-Dichloroethane	51.64	5.0	50	0	103	78.8-120	0			
1,2-Dichloropropane	48.71	5.0	50	0	97.4	80-120	0			
1,3,5-Trimethylbenzene	45.52	5.0	50	0	91	80-120	0			
2-Butanone	106.3	10	100	0	106	69.2-131	0			
2-Hexanone	111.6	10	100	0	112	59.1-135	0			
4-Isopropyltoluene	45.85	5.0	50	0	91.7	80-120	0			
4-Methyl-2-pentanone	105.4	10	100	0	105	71.6-124	0			
Acetone	123	10	100	0	123	60.1-141	0			
Benzene	47.2	5.0	50	0	94.4	80-120	0			
Bromodichloromethane	52.06	5.0	50	0	104	80-120	0			
Bromoform	50.1	5.0	50	0	100	78.1-120	0			
Bromomethane	44.22	5.0	50	0	88.4	52.8-147	0			
Carbon disulfide	104.2	10	100	0	104	78.8-120	0			
Carbon tetrachloride	46.61	5.0	50	0	93.2	76.8-120	0			
Chlorobenzene	45.48	5.0	50	0	91	80-120	0			
Chloroethane	51.12	5.0	50	0	102	74.2-120	0			
Chloroform	48.5	5.0	50	0	97	80-120	0			
Chloromethane	42.67	5.0	50	0	85.3	63.5-133	0			
cis-1,2-Dichloroethene	48.41	5.0	50	0	96.8	80-120	0			
cis-1,3-Dichloropropene	49.04	5.0	50	0	98.1	80-120	0			
Dibromochloromethane	50.21	5.0	50	0	100	80-120	0			
Ethylbenzene	50.63	5.0	50	0	101	80-120	0			
Isopropylbenzene	46.06	5.0	50	0	92.1	80-120	0			
m,p-Xylene	93.3	10	100	0	93.3	80-120	0			
Methyl tert-butyl ether	54.02	5.0	50	0	108	75.8-123	0			
Methylene chloride	51.36	10	50	0	103	74.7-120	0			
n-Butylbenzene	46.73	5.0	50	0	93.5	80-120	0			
n-Propylbenzene	45.42	5.0	50	0	90.8	80-120	0			
Naphthalene	54.85	5.0	50	0	110	71.4-124	0			
o-Xylene	47.1	5.0	50	0	94.2	80-120	0			
sec-Butylbenzene	45.23	5.0	50	0	90.5	80-120	0			
Styrene	46.62	5.0	50	0	93.2	80-120	0			
Tetrachloroethene	47.33	5.0	50	0	94.7	80-120	0			

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203	Instrument ID VOA2			Method: SW8260				
Toluene	47.82	5.0	50	0	95.6	80-120	0	
trans-1,2-Dichloroethene	51.09	5.0	50	0	102	75.9-122	0	
trans-1,3-Dichloropropene	47.99	5.0	50	0	96	80-120	0	
Trichloroethene	49.45	5.0	50	0	98.9	80-120	0	
Vinyl chloride	48.81	2.0	50	0	97.6	76.2-121	0	
Xylenes, Total	140.4	15	150	0	93.6	80-120	0	
Surr: 1,2-Dichloroethane-d4	48.15	5.0	50	0	96.3	70-125	0	
Surr: 4-Bromofluorobenzene	46.52	5.0	50	0	93	72.4-125	0	
Surr: Dibromofluoromethane	46.65	5.0	50	0	93.3	71.2-125	0	
Surr: Toluene-d8	43.03	5.0	50	0	86.1	75-125	0	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203 Instrument ID VOA2 Method: SW8260

MS	Sample ID: 0612318-02AMS				Units: µg/L			Analysis Date: 12/21/06 13:24		
Client ID:	Run ID: VOA2_061221A				SeqNo: 1021258		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	43.41	5.0	50	0	86.8	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.23	5.0	50	0	98.5	78.9-121	0			
1,1,2-Trichloroethane	46.97	5.0	50	0	93.9	80-120	0			
1,1-Dichloroethane	48.11	5.0	50	0	96.2	74.2-122	0			
1,1-Dichloroethene	43.11	5.0	50	0	86.2	75.8-122	0			
1,2,4-Trimethylbenzene	43.62	5.0	50	2.464	82.3	80-120	0			
1,2-Dibromoethane	49.76	5.0	50	0	99.5	80-120	0			
1,2-Dichloroethane	50.52	5.0	50	0	101	78.8-120	0			
1,2-Dichloropropane	49.61	5.0	50	0	99.2	80-120	0			
1,3,5-Trimethylbenzene	40.81	5.0	50	0	81.6	80-120	0			
2-Butanone	102.6	10	100	0	103	69.2-131	0			
2-Hexanone	114.5	10	100	0	115	59.1-135	0			
4-Isopropyltoluene	40.42	5.0	50	0	80.8	80-120	0			
4-Methyl-2-pentanone	117.2	10	100	0	117	71.6-124	0			
Acetone	127	10	100	26.5	101	60.1-141	0			
Benzene	59.15	5.0	50	0	118	80-120	0			
Bromodichloromethane	51.65	5.0	50	0	103	80-120	0			
Bromoform	50.16	5.0	50	0	100	78.1-120	0			
Bromomethane	33.41	5.0	50	0	66.8	52.8-147	0			
Carbon disulfide	88.27	10	100	0	88.3	78.8-120	0			
Carbon tetrachloride	38.37	5.0	50	0	76.7	76.8-120	0			S
Chlorobenzene	44.04	5.0	50	0	88.1	80-120	0			
Chloroethane	48.02	5.0	50	0	96	74.2-120	0			
Chloroform	47.51	5.0	50	0	95	80-120	0			
Chloromethane	41.95	5.0	50	0	83.9	63.5-133	0			
cis-1,2-Dichloroethene	47.47	5.0	50	0	94.9	80-120	0			
cis-1,3-Dichloropropene	51.54	5.0	50	0	103	80-120	0			
Dibromochloromethane	50.32	5.0	50	0	101	80-120	0			
Ethylbenzene	45.88	5.0	50	0	91.8	80-120	0			
Isopropylbenzene	41.44	5.0	50	0	82.9	80-120	0			
m,p-Xylene	84.95	10	100	0	84.9	80-120	0			
Methyl tert-butyl ether	62.65	5.0	50	0	125	75.8-123	0			S
Methylene chloride	50.52	10	50	0	101	74.7-120	0			
n-Butylbenzene	42.51	5.0	50	0	85	80-120	0			
n-Propylbenzene	39.98	5.0	50	0	80	80-120	0			S
Naphthalene	66.73	5.0	50	0	133	71.4-124	0			S
o-Xylene	45.13	5.0	50	0	90.3	80-120	0			
sec-Butylbenzene	40.66	5.0	50	0	81.3	80-120	0			
Styrene	37.37	5.0	50	0	74.7	80-120	0			S
Tetrachloroethene	40.89	5.0	50	0	81.8	80-120	0			

ND - Not Detected at the Reporting Limit

L - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203	Instrument ID VOA2	Method: SW8260					
Toluene	46.23	5.0	50	0	92.5	80-120	0
trans-1,2-Dichloroethene	47.39	5.0	50	0	94.8	75.9-122	0
trans-1,3-Dichloropropene	49.88	5.0	50	0	99.8	80-120	0
Trichloroethene	46.17	5.0	50	0	92.3	80-120	0
Vinyl chloride	42.34	2.0	50	0	84.7	76.2-121	0
Xylenes, Total	130.1	15	150	0	86.7	80-120	0
Surr: 1,2-Dichloroethane-d4	43.85	5.0	50	0	87.7	70-125	0
Surr: 4-Bromofluorobenzene	44.89	5.0	50	0	89.8	72.4-125	0
Surr: Dibromofluoromethane	44.9	5.0	50	0	89.8	71.2-125	0
Surr: Toluene-d8	43.06	5.0	50	0	86.1	75-125	0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203 Instrument ID VOA2 Method: SW8260

MSD	Sample ID: 0612318-02AMSD	Units: µg/L				Analysis Date: 12/21/06 13:49				
Client ID:	Run ID: VOA2_061221A	SeqNo: 1021259		Prep Date:		DF: 1				
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	44.22	5.0	50	0	88.4	79.6-120	43.41	1.84	20	
1,1,2,2-Tetrachloroethane	50.88	5.0	50	0	102	78.9-121	49.23	3.29	20	
1,1,2-Trichloroethane	47.87	5.0	50	0	95.7	80-120	46.97	1.91	20	
1,1-Dichloroethane	49.2	5.0	50	0	98.4	74.2-122	48.11	2.23	20	
1,1-Dichloroethene	42.59	5.0	50	0	85.2	75.8-122	43.11	1.22	20	
1,2,4-Trimethylbenzene	43.03	5.0	50	2.464	81.1	80-120	43.62	1.38	20	
1,2-Dibromoethane	49.47	5.0	50	0	98.9	80-120	49.76	0.592	20	
1,2-Dichloroethane	50.45	5.0	50	0	101	78.8-120	50.52	0.14	20	
1,2-Dichloropropane	49.4	5.0	50	0	98.8	80-120	49.61	0.42	20	
1,3,5-Trimethylbenzene	40.9	5.0	50	0	81.8	80-120	40.81	0.21	20	
2-Butanone	106.7	10	100	0	107	69.2-131	102.6	3.89	20	
2-Hexanone	120.6	10	100	0	121	59.1-135	114.5	5.15	20	
4-Isopropyltoluene	39.63	5.0	50	0	79.3	80-120	40.42	1.96	20	S
4-Methyl-2-pentanone	125.1	10	100	0	125	71.6-124	117.2	6.54	20	S
Acetone	133.8	10	100	26.5	107	60.1-141	127	5.18	20	
Benzene	49.25	5.0	50	0	98.5	80-120	59.15	18.3	20	
Bromodichloromethane	52.42	5.0	50	0	105	80-120	51.65	1.49	20	
Bromoform	51.68	5.0	50	0	103	78.1-120	50.16	2.97	20	
Bromomethane	36.65	5.0	50	0	73.3	52.8-147	33.41	9.24	20	
Carbon disulfide	89.46	10	100	0	89.5	78.8-120	88.27	1.34	20	
Carbon tetrachloride	39.24	5.0	50	0	78.5	76.8-120	38.37	2.25	20	
Chlorobenzene	44.75	5.0	50	0	89.5	80-120	44.04	1.59	20	
Chloroethane	53.43	5.0	50	0	107	74.2-120	48.02	10.7	20	
Chloroform	47.45	5.0	50	0	94.9	80-120	47.51	0.115	20	
Chloromethane	42.84	5.0	50	0	85.7	63.5-133	41.95	2.1	20	
cis-1,2-Dichloroethene	47.59	5.0	50	0	95.2	80-120	47.47	0.259	20	
cis-1,3-Dichloropropene	51.9	5.0	50	0	104	80-120	51.54	0.695	20	
Dibromochloromethane	50.45	5.0	50	0	101	80-120	50.32	0.255	20	
Ethylbenzene	46	5.0	50	0	92	80-120	45.88	0.276	20	
Isopropylbenzene	42.56	5.0	50	0	85.1	80-120	41.44	2.68	20	
m,p-Xylene	85.7	10	100	0	85.7	80-120	84.95	0.877	20	
Methyl tert-butyl ether	60.13	5.0	50	0	120	75.8-123	62.65	4.1	20	
Methylene chloride	51.3	10	50	0	103	74.7-120	50.52	1.52	20	
n-Butylbenzene	40.34	5.0	50	0	80.7	80-120	42.51	5.24	20	
n-Propylbenzene	39.99	5.0	50	0	80	80-120	39.98	0.0292	20	S
Naphthalene	68.46	5.0	50	0	137	71.4-124	66.73	2.55	20	S
o-Xylene	44.92	5.0	50	0	89.8	80-120	45.13	0.473	20	
sec-Butylbenzene	39.78	5.0	50	0	79.6	80-120	40.66	2.17	20	S
Styrene	36.88	5.0	50	0	73.8	80-120	37.37	1.32	20	S
Tetrachloroethene	41.52	5.0	50	0	83	80-120	40.89	1.54	20	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45203	Instrument ID VOA2			Method: SW8260						
Toluene	45.73	5.0	50	0	91.5	80-120	46.23	1.09	20	
trans-1,2-Dichloroethene	46.81	5.0	50	0	93.6	75.9-122	47.39	1.23	20	
trans-1,3-Dichloropropene	50.54	5.0	50	0	101	80-120	49.88	1.32	20	
Trichloroethene	46.51	5.0	50	0	93	80-120	46.17	0.72	20	
Vinyl chloride	44.2	2.0	50	0	88.4	76.2-121	42.34	4.3	20	
Xylenes, Total	130.6	15	150	0	87.1	80-120	130.1	0.411	20	
Surr: 1,2-Dichloroethane-d4	44.99	5.0	50	0	90	70-125	43.85	2.57	20	
Surr: 4-Bromofluorobenzene	46.08	5.0	50	0	92.2	72.4-125	44.89	2.63	20	
Surr: Dibromofluoromethane	46.4	5.0	50	0	92.8	71.2-125	44.9	3.29	20	
Surr: Toluene-d8	42.93	5.0	50	0	85.9	75-125	43.06	0.299	20	

The following samples were analyzed in this batch:

0612264-05A	0612264-06A	0612264-07A
0612264-08A		

ND - Not Detected at the Reporting Limit

L - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

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E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R44877** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-121406** Units: **pH units** Analysis Date: **12/14/06 0:00**

Client ID: Run ID: **WETCHEM_061214B** SeqNo: **1014460** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.04	0.10	6	0	101	90-110	0			

DUP Sample ID: **0612224-19CDUP** Units: **pH units** Analysis Date: **12/14/06 0:00**

Client ID: Run ID: **WETCHEM_061214B** SeqNo: **1014469** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.84	0.10	0	0	0	0-0	6.82	0.293	20	

The following samples were analyzed in this batch:

0612264-01E	0612264-02E	0612264-03D
0612264-04D	0612264-05D	0612264-06D
0612264-07D	0612264-08D	0612264-09D

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R44900** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-121406** Units: **pH units** Analysis Date: **12/14/06 0:00**

Client ID: Run ID: **WETCHEM_061214I** SeqNo: **1014826** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.03	0.10	6	0	100	90-110	0			

DUP Sample ID: **0612264-10DDUP** Units: **pH units** Analysis Date: **12/14/06 0:00**

Client ID: **RW-18** Run ID: **WETCHEM_061214I** SeqNo: **1014842** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.06	0.10	0	0	0	0-0	7.04	0.284	20	H

The following samples were analyzed in this batch:

0612264-10D	0612264-11D	0612264-12D
0612264-13D	0612264-14D	0612264-15E
0612264-16E	0612264-17E	0612264-18E
0612264-19E	0612264-20E	0612264-21E
0612264-22D	0612264-23D	0612264-24E

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R44952** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **BLANK** Units: **mg/L** Analysis Date: **12/14/06 0:00**
Client ID: Run ID: **BALANCE1_061214N** SeqNo: **1015995** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fil	ND	10								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **12/14/06 0:00**
Client ID: Run ID: **BALANCE1_061214N** SeqNo: **1015996** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fil	958	10	1000	0	95.8	85-115	0			

DUP Sample ID: **0612264-01EDUP** Units: **mg/L** Analysis Date: **12/14/06 0:00**
Client ID: **MW-63** Run ID: **BALANCE1_061214N** SeqNo: **1015976** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fil	1959	10	0	0	0	0-0	2003	2.22	20	

The following samples were analyzed in this batch:

0612264-01E	0612264-02E	0612264-03D
0612264-04D	0612264-05D	0612264-06D
0612264-07D	0612264-08D	0612264-09D
0612264-10D	0612264-11D	0612264-12D
0612264-13D	0612264-14D	0612264-15E
0612264-16E	0612264-17E	0612264-20E
0612264-21E		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R44974** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **BLANK** Units: **mg/L** Analysis Date: **12/16/06 0:00**

Client ID: Run ID: **BALANCE1_061216A** SeqNo: **1016683** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fil	ND	10								

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **12/16/06 0:00**

Client ID: Run ID: **BALANCE1_061216A** SeqNo: **1016685** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fil	945	10	1000	0	94.5	85-115	0			

DUP Sample ID: **0612264-23DDUP** Units: **mg/L** Analysis Date: **12/16/06 0:00**

Client ID: **Duplicate #1** Run ID: **BALANCE1_061216A** SeqNo: **1016676** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Total Dissolved Solids (Residue, Fil	3037	10	0	0	0	0-0	3000	1.23	20	

The following samples were analyzed in this batch:

0612264-18E	0612264-19E	0612264-22D
0612264-23D	0612264-24E	

ND - Not Detected at the Reporting Limit

L - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45061** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-R45061** Units: **mg/L** Analysis Date: **12/19/06 0:00**

Client ID: Run ID: **WETCHEM_061219E** SeqNo: **1018705** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	5.0								
Alkalinity, Carbonate (As CaCO3)	ND	5.0								
Alkalinity, Hydroxide (As CaCO3)	ND	5.0								
Alkalinity, Total (As CaCO3)	ND	5.0								

LCS Sample ID: **WLCSW1-R45061** Units: **mg/L** Analysis Date: **12/19/06 0:00**

Client ID: Run ID: **WETCHEM_061219E** SeqNo: **1018706** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	1001	5.0	1000	0	100	80-120	0			

DUP Sample ID: **0612207-23BDUP** Units: **mg/L** Analysis Date: **12/19/06 0:00**

Client ID: Run ID: **WETCHEM_061219E** SeqNo: **1018735** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	147.6	5.0	0	0	0	0-0	147.6	0	20	
Alkalinity, Carbonate (As CaCO3)	ND	5.0	0	0	0	0-0	0	0	20	
Alkalinity, Hydroxide (As CaCO3)	ND	5.0	0	0	0	0-0	0	0	20	
Alkalinity, Total (As CaCO3)	147.6	5.0	0	0	0	0-0	147.6	0	20	

The following samples were analyzed in this batch:

0612264-01E	0612264-02E	0612264-03D
0612264-04D	0612264-05D	0612264-06D
0612264-07D		

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45121** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-R45121** Units: **mg/L** Analysis Date: **12/20/06 0:00**

Client ID: Run ID: **WETCHEM_061220H** SeqNo: **1019727** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	ND	5.0								
Alkalinity, Carbonate (As CaCO3)	ND	5.0								
Alkalinity, Hydroxide (As CaCO3)	ND	5.0								
Alkalinity, Total (As CaCO3)	ND	5.0								

LCS Sample ID: **WLCSW1-R45121** Units: **mg/L** Analysis Date: **12/20/06 0:00**

Client ID: Run ID: **WETCHEM_061220H** SeqNo: **1019728** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	1001	5.0	1000	0	100	80-120	0			

DUP Sample ID: **0612223-01DDUP** Units: **mg/L** Analysis Date: **12/20/06 0:00**

Client ID: Run ID: **WETCHEM_061220H** SeqNo: **1019747** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Alkalinity, Bicarbonate (As CaCO3)	305.7	5.0	0	0	0	0-0	295.1	3.51	20	
Alkalinity, Carbonate (As CaCO3)	ND	5.0	0	0	0	0-0	0	0	20	
Alkalinity, Hydroxide (As CaCO3)	ND	5.0	0	0	0	0-0	0	0	20	
Alkalinity, Total (As CaCO3)	305.7	5.0	0	0	0	0-0	295.1	3.51	20	

The following samples were analyzed in this batch:

0612264-08D	0612264-09D	0612264-10D
0612264-11D	0612264-12D	0612264-13D
0612264-14D	0612264-15E	0612264-16E
0612264-17E	0612264-18E	0612264-19E
0612264-20E	0612264-21E	0612264-22D
0612264-23D	0612264-24E	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45140** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-121906** Units: **mg/L** Analysis Date: **12/19/06 16:32**

Client ID: Run ID: **IC201_061219A** SeqNo: **1020220** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.50								
Fluoride	ND	0.10								
Sulfate	ND	1.0								
Surr: Selenate (surr)	5.064	0.10	5	0	101	85-115	0			

LCS Sample ID: **WLCSW1-364-40-** Units: **mg/L** Analysis Date: **12/19/06 16:53**

Client ID: Run ID: **IC201_061219A** SeqNo: **1020221** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.92	0.50	20	0	105	90-110	0			
Fluoride	4.036	0.10	4	0	101	90-110	0			
Sulfate	19.83	1.0	20	0	99.1	90-110	0			
Surr: Selenate (surr)	4.988	0.10	5	0	99.8	85-115	0			

MS Sample ID: **0612347-03DMS** Units: **mg/L** Analysis Date: **12/19/06 22:00**

Client ID: Run ID: **IC201_061219A** SeqNo: **1020236** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	51.74	0.50	10	42.35	93.9	80-120	0			EO
Fluoride	2.484	0.10	2	0.514	98.5	80-120	0			
Sulfate	9.372	1.0	10	0.187	91.8	80-120	0			
Surr: Selenate (surr)	4.792	0.10	5	0	95.8	80-120	0			

MSD Sample ID: **0612347-03DMSD** Units: **mg/L** Analysis Date: **12/19/06 22:22**

Client ID: Run ID: **IC201_061219A** SeqNo: **1020238** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	51.63	0.50	10	42.35	92.8	80-120	51.74	0.205	20	EO
Fluoride	2.542	0.10	2	0.514	101	80-120	2.484	2.31	20	
Sulfate	9.44	1.0	10	0.187	92.5	80-120	9.372	0.723	20	
Surr: Selenate (surr)	4.816	0.10	5	0	96.3	80-120	4.792	0.5	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45140 Instrument ID IC201 Method: E300

DUP Sample ID: 0612347-03DDUP Units: mg/L Analysis Date: 12/19/06 19:05

Client ID: Run ID: IC201_061219A SeqNo: 1020227 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	42.35	0.50	0	0	0	0-0	42.35	0.00708	20	
Fluoride	0.515	0.10	0	0	0	0-0	0.514	0.194	20	
Sulfate	ND	1.0	0	0	0	0-0	0.187	0	20	
Surr: Selenate (surr)	4.798	0.10	5	0	96	80-120	4.719	1.66	20	

The following samples were analyzed in this batch:

0612264-01E	0612264-02E	0612264-03D
0612264-04D	0612264-05D	0612264-06D
0612264-07D	0612264-08D	0612264-09D
0612264-10D	0612264-11D	

ND - Not Detected at the Reporting Limit

U - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45216** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-122006** Units: **mg/L** Analysis Date: **12/20/06 21:43**

Client ID: Run ID: **IC201_061220A** SeqNo: **1021572** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.50								
Fluoride	ND	0.10								
Sulfate	ND	1.0								
Surr: Selenate (surr)	5.246	0.10	5	0	105	85-115		0		

LCS Sample ID: **WLC SW1-364-40-** Units: **mg/L** Analysis Date: **12/20/06 22:04**

Client ID: Run ID: **IC201_061220A** SeqNo: **1021573** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.52	0.50	20	0	103	90-110		0		
Fluoride	4.115	0.10	4	0	103	90-110		0		
Sulfate	19.92	1.0	20	0	99.6	90-110		0		
Surr: Selenate (surr)	5.028	0.10	5	0	101	85-115		0		

MS Sample ID: **0612384-05CMS** Units: **mg/L** Analysis Date: **12/21/06 16:53**

Client ID: Run ID: **IC201_061220A** SeqNo: **1021592** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	28.98	0.50	10	19.52	94.5	80-120		0		
Fluoride	2.701	0.10	2	0.527	109	80-120		0		
Sulfate	19.86	1.0	10	10.5	93.6	80-120		0		
Surr: Selenate (surr)	4.704	0.10	5	0	94.1	80-120		0		

MSD Sample ID: **0612384-05CMSD** Units: **mg/L** Analysis Date: **12/21/06 17:15**

Client ID: Run ID: **IC201_061220A** SeqNo: **1021593** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	29.27	0.50	10	19.52	97.4	80-120	28.98	0.999	20	
Fluoride	2.687	0.10	2	0.527	108	80-120	2.701	0.52	20	
Sulfate	20.12	1.0	10	10.5	96.2	80-120	19.86	1.3	20	
Surr: Selenate (surr)	4.678	0.10	5	0	93.6	80-120	4.704	0.554	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45216** Instrument ID **IC201** Method: **E300**

DUP	Sample ID: 0612384-05CDUP					Units: mg/L		Analysis Date: 12/21/06 15:26		
Client ID:	Run ID: IC201_061220A				SeqNo: 1021588		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	19.07	0.50	0	0	0	0-0	19.52	2.34	20	
Fluoride	0.525	0.10	0	0	0	0-0	0.527	0.38	20	
Sulfate	10.5	1.0	0	0	0	0-0	10.5	0.019	20	
Surr: Selenate (surr)	4.611	0.10	5	0	92.2	80-120	4.596	0.326	20	

The following samples were analyzed in this batch:

0612264-12D	0612264-13D	0612264-14D
0612264-15E	0612264-17E	0612264-18E
0612264-19E	0612264-20E	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45225** Instrument ID **IC201** Method: **E300**

MBLK		Sample ID: WBLKW1-122206		Units: mg/L		Analysis Date: 12/22/06 5:18				
Client ID:		Run ID: IC201_061220B		SeqNo: 1021836		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.50								
Fluoride	ND	0.10								
Sulfate	ND	1.0								
Surr: Selenate (surr)	4.939	0.10	5	0	98.8	85-115	0			

LCS		Sample ID: WLCSW1-364-40-		Units: mg/L		Analysis Date: 12/22/06 5:40				
Client ID:		Run ID: IC201_061220B		SeqNo: 1021837		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.06	0.50	20	0	100	90-110	0			
Fluoride	4.116	0.10	4	0	103	90-110	0			
Sulfate	19.89	1.0	20	0	99.5	90-110	0			
Surr: Selenate (surr)	4.993	0.10	5	0	99.9	85-115	0			

MS		Sample ID: 0612398-08BMS		Units: mg/L		Analysis Date: 12/22/06 10:25				
Client ID:		Run ID: IC201_061220B		SeqNo: 1021805		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	389.6	0.50	10	387.8	18.1	80-120	0			SEO
Fluoride	2.498	0.10	2	0.493	100	80-120	0			
Sulfate	64.87	1.0	10	56.84	80.3	80-120	0			EO
Surr: Selenate (surr)	4.743	0.10	5	0	94.9	80-120	0			

MSD		Sample ID: 0612398-08BMSD		Units: mg/L		Analysis Date: 12/22/06 10:47				
Client ID:		Run ID: IC201_061220B		SeqNo: 1021806		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	386.6	0.50	10	387.8	-11.9	80-120	389.6	0.775	20	SEO
Fluoride	2.542	0.10	2	0.493	102	80-120	2.498	1.75	20	
Sulfate	65.21	1.0	10	56.84	83.7	80-120	64.87	0.518	20	EO
Surr: Selenate (surr)	4.728	0.10	5	0	94.6	80-120	4.743	0.317	20	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45225** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0612398-08BDUP** Units: **mg/L** Analysis Date: **12/22/06 17:00**

Client ID: Run ID: **IC201_061220B** SeqNo: **1021822** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	389.5	2.5	0	0	0	0-0	385.1	1.13	20	E
Fluoride	0.385	0.50	0	0	0	0-0	0.393	0	20	J
Sulfate	55.4	5.0	0	0	0	0-0	55.61	0.377	20	
Surr: Selenate (surr)	22.88	0.50	25	0	91.5	80-120	23.3	1.84	20	

DUP Sample ID: **0612398-08BDUP** Units: **mg/L** Analysis Date: **12/22/06 8:58**

Client ID: Run ID: **IC201_061220B** SeqNo: **1021846** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	391.1	0.50	0	0	0	0-0	387.8	0.854	20	E
Fluoride	0.494	0.10	0	0	0	0-0	0.493	0.203	20	
Sulfate	56.64	1.0	0	0	0	0-0	56.84	0.356	20	E
Surr: Selenate (surr)	4.607	0.10	5	0	92.1	80-120	4.671	1.38	20	

The following samples were analyzed in this batch:

0612264-16E

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45243** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-122006** Units: **mg/L** Analysis Date: **12/23/06 23:20**

Client ID: Run ID: **IC201_061223A** SeqNo: **1022469** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.50								
Fluoride	ND	0.10								
Sulfate	ND	1.0								
Surr: Selenate (surr)	4.508	0.10	5	0	90.2	85-115	0			

LCS Sample ID: **WLCSW1-364-40-** Units: **mg/L** Analysis Date: **12/23/06 23:42**

Client ID: Run ID: **IC201_061223A** SeqNo: **1022470** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.62	0.50	20	0	103	90-110	0			
Fluoride	3.963	0.10	4	0	99.1	90-110	0			
Sulfate	19.65	1.0	20	0	98.3	90-110	0			
Surr: Selenate (surr)	4.845	0.10	5	0	96.9	85-115	0			

MS Sample ID: **0612264-23DMS** Units: **mg/L** Analysis Date: **12/24/06 2:59**

Client ID: **Duplicate #1** Run ID: **IC201_061223A** SeqNo: **1022503** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	297.4	5.0	100	204.7	92.7	80-120	0			
Fluoride	21.21	1.0	20	2.072	95.7	80-120	0			
Sulfate	1643	10	100	1592	51.2	80-120	0			SEO
Surr: Selenate (surr)	45.99	1.0	50	0	92	80-120	0			

MSD Sample ID: **0612264-23DMSD** Units: **mg/L** Analysis Date: **12/24/06 3:21**

Client ID: **Duplicate #1** Run ID: **IC201_061223A** SeqNo: **1022514** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	298.5	5.0	100	204.7	93.7	80-120	297.4	0.342	20	
Fluoride	21.1	1.0	20	2.072	95.1	80-120	21.21	0.52	20	
Sulfate	1646	10	100	1592	53.9	80-120	1643	0.168	20	SEO
Surr: Selenate (surr)	45.89	1.0	50	0	91.8	80-120	45.99	0.205	20	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612264
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45243** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0612264-23DDUP** Units: **mg/L** Analysis Date: **12/24/06 2:37**

Client ID: **Duplicate #1** Run ID: **IC201_061223A** SeqNo: **1022502** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	204.4	5.0	0	0	0	0-0	204.7	0.16	20	
Fluoride	1.963	1.0	0	0	0	0-0	2.072	5.4	20	
Sulfate	1578	10	0	0	0	0-0	1592	0.865	20	E
Surr: Selenate (surr)	45.97	1.0	50	0	91.9	80-120	46.13	0.337	20	

DUP Sample ID: **0612264-23DDUP** Units: **mg/L** Analysis Date: **12/24/06 5:10**

Client ID: **Duplicate #1** Run ID: **IC201_061223A** SeqNo: **1022522** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	193.2	25	0	0	0	0-0	194.7	0.768	20	
Fluoride	1.985	5.0	0	0	0	0-0	2.045	0	20	J
Sulfate	1575	50	0	0	0	0-0	1585	0.603	20	
Surr: Selenate (surr)	228.5	5.0	250	0	91.4	80-120	228.3	0.0744	20	

The following samples were analyzed in this batch:

0612264-21E	0612264-22D	0612264-23D
0612264-24E		

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45262** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-122506/** Units: **mg/L** Analysis Date: **12/25/06 17:22**

Client ID: Run ID: **IC201_061225A** SeqNo: **1022988** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	ND	0.10								
Surr: Selenate (surr)	7.511	0.10	5	0	150	85-115	0			S

LCS Sample ID: **WLCSW1-364-40-** Units: **mg/L** Analysis Date: **12/25/06 17:44**

Client ID: Run ID: **IC201_061225A** SeqNo: **1022989** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	8.237	0.10	8	0	103	90-110	0			
Surr: Selenate (surr)	4.863	0.10	5	0	97.3	85-115	0			

MS Sample ID: **0612264-15DMS** Units: **mg/L** Analysis Date: **12/26/06 1:03**

Client ID: **MW-15** Run ID: **IC201_061225A** SeqNo: **1023007** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	18.14	0.50	20	0	90.7	80-120	0			
Surr: Selenate (surr)	24.12	0.50	25	0	96.5	80-120	0			

MSD Sample ID: **0612264-15DMSD** Units: **mg/L** Analysis Date: **12/26/06 1:24**

Client ID: **MW-15** Run ID: **IC201_061225A** SeqNo: **1023008** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	18.23	0.50	20	0	91.2	80-120	18.14	0.495	20	
Surr: Selenate (surr)	24.06	0.50	25	0	96.2	80-120	24.12	0.278	20	

DUP Sample ID: **0612264-15DDUP** Units: **mg/L** Analysis Date: **12/26/06 0:41**

Client ID: **MW-15** Run ID: **IC201_061225A** SeqNo: **1023006** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	ND	0.50	0	0	0	0-0	0	0	20	
Surr: Selenate (surr)	24.51	0.50	25	0	98	80-120	24.58	0.302	20	

The following samples were analyzed in this batch:

0612264-01D	0612264-02D	0612264-03C
0612264-04C	0612264-05C	0612264-06C
0612264-07C	0612264-08C	0612264-09C
0612264-11C	0612264-12C	0612264-13C
0612264-14C	0612264-15D	0612264-16D
0612264-17D	0612264-18D	0612264-19D
0612264-20D	0612264-21D	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612264
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45294 Instrument ID IC201 Method: E300

MBLK	Sample ID: WBLKW1-122606				Units: mg/L			Analysis Date: 12/26/06 6:53		
Client ID:	Run ID: IC201_061226A				SeqNo: 1023514		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	ND	0.10								
<i>Surr: Selenate (surr)</i>	<i>5.911</i>	<i>0.10</i>	<i>5</i>	<i>0</i>	<i>118</i>	<i>85-115</i>	<i>0</i>			<i>S</i>

LCS	Sample ID: WLC SW1-364-40-				Units: mg/L			Analysis Date: 12/26/06 7:15		
Client ID:	Run ID: IC201_061226A				SeqNo: 1023515		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	8.296	0.10	8	0	104	90-110	0			
Surr: Selenate (surr)	4.691	0.10	5	0	93.8	85-115	0			

MS	Sample ID: 0612318-04DMS				Units: mg/L			Analysis Date: 12/26/06 10:32		
Client ID:	Run ID: IC201_061226A				SeqNo: 1023491		Prep Date:		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	17.1	0.50	20	0	85.5	80-120	0			
Surr: Selenate (surr)	24.1	0.50	25	0	96.4	80-120	0			

MSD	Sample ID: 0612318-04DMSD					Units: mg/L		Analysis Date: 12/26/06 10:54		
Client ID:	Run ID: IC201_061226A				SeqNo: 1023492		Prep Date:		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	16.94	0.50	20	0	84.7	80-120	17.1	0.993	20	
Surr: Selenate (surr)	24.03	0.50	25	0	96.1	80-120	24.1	0.278	20	

DUP	Sample ID: 0612318-04DDUP				Units: mg/L			Analysis Date: 12/26/06 10:10		
Client ID:	Run ID: IC201_061226A				SeqNo: 1023490		Prep Date:		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	ND	0.50	0	0	0	0-0	0	0	20	
Surr: Selenate (surr)	24.08	0.50	25	0	96.3	80-120	23.83	1.03	20	

The following samples were analyzed in this batch:

0612264-10C	0612264-22C	0612264-23C
0612264-24D		

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

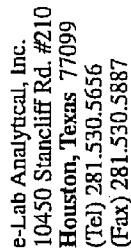
R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



Chain of Custody Form

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3352 128th Avenue
Holland, Michigan 4
(Tel) 616.399.6070
(Fax) 616.399.6185

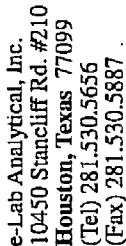
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Holland, Michigan 49424
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(Fax) 616.399.6185

Page 2 of 4

Customer Information				Project Information				Parameter/Method Request for Analysis			
Purchase Order	Project Name	Project Number	Navajo Artesia	A	VOC 8260 Select:						
Work Order	Project Name	Project Number	Navajo Artesia	B	GRO						
Company Name	Project Name	Project Number	Navajo Refining Company	C	DRO						
Sand Report To	Project Name	Project Number	Darrell Moore	D	Anions (Cl, F, SO4)						
Address	Project Name	Project Number	PO Box 159	E	Anions (NO3, NO2)						
City/State/Zip	Project Name	Project Number	Artesia, NM 88211	F	Total Metal 6020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)						
Phone	Project Name	Project Number	(505) 748-3311	G	ALKALINITY, HCO3-, CO3=, TDS, PH						
Fax	Project Name	Project Number	(505) 748-5421	H							
E-Mail Address	Project Name	Project Number	(505) 748-5421	I							
	Project Name	Project Number		J							
NP-3	12-11-06	16:15	H2O	1,2,3,8	B	X	X	X	X		
MW-16	12-12-06	10:40	H2O	1,2,3,8	8	X	X	X	X		
MW-26	12-12-06	11:15	H2O	1,2,3,8	8	X	X	X	X		
MW-1R	12-12-06	11:35	H2O	1,2,3,8	8	X	X	X	X		
MW-15	12-12-06	12:20	H2O	1,2,3,8	11	X	X	X	X		
OCD-1	12-12-06	13:40	H2O	1,2,3,8	11	X	X	X	X		
OCD-2A	2-12-06	14:10	H2O	1,2,3,8	11	X	X	X	X		
OCD-3	12-12-06	14:50	H2O	1,2,3,8	11	X	X	X	X		
OCD-4	12-12-06	15:20	H2O	1,2,3,8	11	X	X	X	X		
OCD-5	12-13-06	10:50	H2O	1,2,3,8	11	X	X	X	X		

Customer Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

Project Name: Artesia, NM 88211

Project Number: (505) 748-3311

Project Name: (505) 748-5421

Project Name: (505) 748-5421

Project Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

Project Name: Artesia, NM 88211

Project Number: (505) 748-3311

Project Name: (505) 748-5421

Project Name: (505) 748-5421

Parameter/Method Request for Analysis

A: VOC 8260 Select:

B: GRO

C: DRO

D: Anions (Cl, F, SO4)

E: Anions (NO3, NO2)

F: Total Metal 6020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)

G: ALKALINITY, HCO3-, CO3=, TDS, PH

H:

I:

J:

Customer Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

Project Name: Artesia, NM 88211

Project Number: (505) 748-3311

Project Name: (505) 748-5421

Project Name: (505) 748-5421

Project Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

Project Name: Artesia, NM 88211

Project Number: (505) 748-3311

Project Name: (505) 748-5421

Project Name: (505) 748-5421

Parameter/Method Request for Analysis

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G: ALKALINITY, HCO3-, CO3=, TDS, PH

H:

I:

J:

Customer Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

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Project Information

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Project Number: Navajo Refining Company

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Project Number: PO Box 159

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Project Name: Navajo Artesia

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Project Number: PO Box 159

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H:

I:

J:

Customer Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

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Project Number: (505) 748-3311

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Project Information

Project Name: Navajo Artesia

Project Number: Navajo Refining Company

Project Name: Darrell Moore

Project Number: PO Box 159

Project Name: Artesia, NM 88211

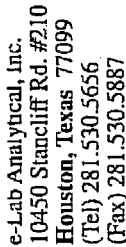
Project Number: (505) 748-3311

Project

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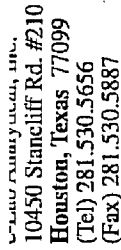
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Sample Receipt Checklist

Client Name NAVAJO REFINING

Date/Time Received: 12/14/2006 8:40:00 AM

Work Order Number 0612264

Received by: EBF

Checklist completed by RICHARD SANCHEZ 12-14-06
Signature Date

Reviewed by [Signature] 12/15/06
Initials Date

Matrix: W

Carrier name FedEx

Shipping container/cooler in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
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 ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	<u>See Below</u>	<u>002</u>	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐

Adjusted? _____ Checked by _____

Login Notes: Temperature: 4.5c, 2.4c, 3.2c, 2.7c, 3.3c, 2.7c. 1 vial for MW-26 arrived broken, 2 vials arrived broken for QCD-1, and 1 vial arrived broken for MW-52. No DRO bottles received for NP-3 and Duplicate #1. DRO bottles for MW-25 are preserved w/ H2SO4.

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

0602204



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL	
Date: 12-13-06	Time: 1500 hrs
Name: Jerry Sore	
Company: Safety & Environmental S.	

Seal Broken By: <i>CB</i>
Date: 12/14/06

ORIGIN ID: ROWA (505) 748-3311
NAVAJO REFINING COMPANY
501 E. MAIN STREET
ARTESIA, NM 88210
UNITED STATES
TO SAMPLE
ELAB
10450 S. STANCLIFF

ROWA (505) 748-3311
NAVAJO REFINING COMPANY
501 E. MAIN STREET
ARTESIA, NM 88210
UNITED STATES

Ship date: 13DEC06
ActWgt: 73.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

ORIGIN ID: ROWA (505) 748-3311
NAVAJO REFINING COMPANY
501 E. MAIN STREET
ARTESIA, NM 88210
UNITED STATES US

Ship Date: 13DEC06
ActWgt: 65.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

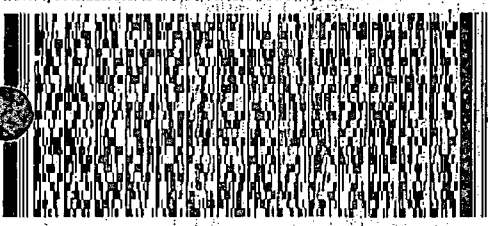
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ELAB
10450 STANCLIFF

HOUSTON, TX 77099

Ref:
INV:
PO:

Dept: ENVIRONMENTAL

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PRIORITY OVERNIGHT

TRK# 9046 7990 4776 Form 0201

77099

THU

Part # 156148-434 NRIT 9-05

PRIORITY OVERNIGHT

TRK# 9046 7990 4787 Form 0201

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XH JGQA

THU
Deliver By
14DEC06

IAH

A2



Delivery Address
Barcode

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14DEC06
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77099 -TX-US
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Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL	
Date: 12-13-06	Time: 1500 hrs
Name: Jerry Sore	
Company: Safety & Environmental S.	

Seal Broken By: <i>CB</i>
Date: 12/14/06



e-Lab Analytical, Inc.
10450 Stanciliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL

Date: 12-13-06 Time: 1500 Hrs.
Name: Jerry Sage
Company: Sage & Environmental S.

Seal Broken By: 157

Date: 12/14/06

ORIGIN ID: ROWA (505) 748-3311
NAVAJO REFINING
NAVAJO REFINING COMPANY
501 E. MAIN STREET

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 13DEC06
ActWgt: 64.0 LB MAN
System#: 185697/CAFE232
Account: S 113684186

ORIGIN ID: ROWA (505) 748-3311
NAVAJO REFINING
NAVAJO REFINING COMPANY
501 E. MAIN STREET

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 14DEC06
ActWgt: 95.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

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PO:

Dupl: ENVIRONMENTAL

Delivery Address
Barcode

Delivery Address
Barcode

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77099 -TX-US

XH JGQA



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Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL

Date: 12-13-06 Time: 1500 Hrs.
Name: Jerry Sage
Company: Sage & Environmental S.

Seal Broken By: 157

Date: 12/14/06

0012104



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel: 281.530.5656
Fax: 218.530.5887

CUSTODY SEAL

Date: 12-13-06 Time: 1:00
Name: Jerry Soria
Company: SCS

Seal Broken By:

Date: 12/14/06

ORIGIN ID: ROMA (505) /48-3311
NAVAJO REFINING
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 13DEC06
ActWgt: 70.0 LB/MAN
System: 185697/CAFE2328
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

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Dept: ENVIRONMENTAL

ORIGIN ID: ROMA (505) /48-3311
NAVAJO REFINING
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 13DEC06
ActWgt: 82.0 LB/MAN
System: 185697/CAFE2328
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

TO SAMPLE RECEIVING
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HOUSTON, TX 77099

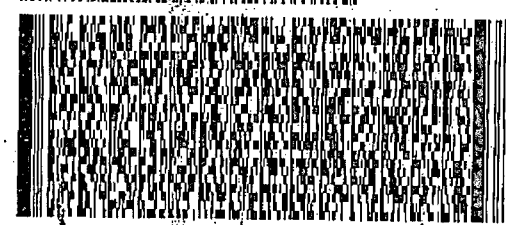
(281) 530-5656

FedEx
Express



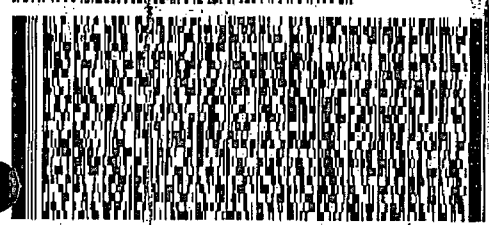
Ref:
INV:
PO:

Dept: ENVIRONMENTAL



Delivery Address
Barcode

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Delivery Address
Barcode

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9046 7990 4695 Form 0201

7099 -TX-US

XH JGQA

THU
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Deliver By:
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CUSTODY SEAL

Date: 12-13-06 Time: 1:00 PM
Name: Jerry Soria
Company: SAFETY & ENVIRONMENTAL

Seal Broken By:

Date: 12/14/06