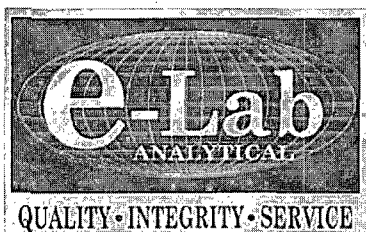


GW - _____28_____

MONITORING REPORTS

DATE:

**2006 Annual
GW Report (2/5)**



e-Lab Analytical, Inc.

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

October 26, 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 : 0610199

Dear Darrell Moore,

e-Lab Analytical, Inc. received 30 samples on 10/12/2006 9:11:00 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 112.

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: 0610199

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>
0610199-01	MW-2A	Water		10/9/2006 15:40	10/12/2006 09:11	☐
0610199-02	MW-4A	Water		10/9/2006 16:47	10/12/2006 09:11	☐
0610199-03	KWB-2R	Water		10/10/2006 09:35	10/12/2006 09:11	☐
0610199-04	MW-52	Water		10/10/2006 10:21	10/12/2006 09:11	☐
0610199-05	KWB-5	Water		10/10/2006 10:57	10/12/2006 09:11	☐
0610199-06	NP-2	Water		10/10/2006 11:45	10/12/2006 09:11	☐
0610199-07	NP-1	Water		10/10/2006 13:02	10/12/2006 09:11	☐
0610199-08	MW-8	Water		10/10/2006 13:29	10/12/2006 09:11	☐
0610199-09	MW-21	Water		10/10/2006 14:10	10/12/2006 09:11	☐
0610199-10	NP-6	Water		10/10/2006 14:40	10/12/2006 09:11	☐
0610199-11	MW-5A	Water		10/10/2006 17:00	10/12/2006 09:11	☐
0610199-12	MW-7A	Water		10/10/2006 17:32	10/12/2006 09:11	☐
0610199-13	OCD-7A	Water		10/11/2006 08:51	10/12/2006 09:11	☐
0610199-14	OCD-6	Water		10/11/2006 09:24	10/12/2006 09:11	☐
0610199-15	OCD-8	Water		10/11/2006 10:25	10/12/2006 09:11	☐
0610199-16	MW-18A	Water		10/11/2006 11:20	10/12/2006 09:11	☐
0610199-17	MW-22A	Water		10/11/2006 13:13	10/12/2006 09:11	☐
0610199-18	Equip Blank	Water		10/9/2006 17:15	10/12/2006 09:11	☐
0610199-19	Field Blank	Water		10/9/2006 17:10	10/12/2006 09:11	☐
0610199-20	Duplicate	Water		10/9/2006 16:00	10/12/2006 09:11	☐
0610199-21	Duplicate.	Water		10/10/2006 17:45	10/12/2006 09:11	☐
0610199-22	Field Blank.	Water		10/10/2006 14:51	10/12/2006 09:11	☐
0610199-23	Equip Blank.	Water		10/10/2006 14:47	10/12/2006 09:11	☐
0610199-24	Field Blank..	Water		10/11/2006 14:30	10/12/2006 09:11	☐
0610199-25	Equip Blank	Water		10/11/2006 14:20	10/12/2006 09:11	☐
0610199-26	Trip Blank 1951	Trip Blank		10/11/2006	10/12/2006 09:11	☐
0610199-27	Trip Blank 2066	Trip Blank		10/11/2006	10/12/2006 09:11	☐
0610199-28	Trip Blank 2057	Trip Blank		10/11/2006	10/12/2006 09:11	☐
0610199-29	Trip Blank 2061	Trip Blank		10/11/2006	10/12/2006 09:11	☐
0610199-30	Trip Blank 2059	Trip Blank		10/11/2006	10/12/2006 09:11	☐

e-Lab Analytical, Inc.

Date: *October 26, 2006*

CLIENT: Navajo Refining Company

Project: Navajo Artesia

Work Order: 0610199

Case Narrative

pH were received outside of the recommended holding time.

Volatiles (sample KWB-2R) Surrogate recoveries were above the control limits for Dibromofluoromethane (126%). Recoveries were biased high and the sample was ND, therefore the data was accepted.

Batch 20329 Metals (sample MW-24) MS/MSD recoveries were outside of control limits for Magnesium (864% and 1150% were E/O-flagged) and Sodium. RPD's within control limits.

Batch's R42867 and R42911 Volatiles (sample MW-2A and MW-18A) MS/MSD recoveries were outside of control limits for several compounds. RPD's within control limits.

Batch R43031 Anions (sample KWB-2R) MS/MSD recoveries were below the control limits for Chloride (43.9% and 42.9%) and Sulfate (69% and 68.6%). RPD's within control limits.

e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-01

Client Sample ID: MW-2A
Collection Date: 10/9/2006 3:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.22		SW8015M 0.050	mg/L	1	Prep Date: 10/14/2006 Analyst: JFT 10/17/2006 6:59:00 PM
Surr: 2-Fluorobiphenyl	65.9		60-140	%REC	1	10/17/2006 6:59:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	ND		SW8015 0.0500	mg/L	1	Analyst: ABE 10/23/2006 12:48:00 PM
Surr: 4-Bromofluorobenzene	97.1		70-130	%REC	1	10/23/2006 12:48:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/23/2006 Analyst: JCJ 10/23/2006 3:35:02 PM
ICP METALS, TOTAL						
Arsenic	0.0432		SW6020 0.00500	mg/L	1	Prep Date: 10/17/2006 Analyst: ALR 10/20/2006 3:22:00 AM
Barium	0.0200		0.00500	mg/L	1	10/20/2006 3:22:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 3:22:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 3:22:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 3:22:00 AM
Magnesium	622		20.0	mg/L	100	10/20/2006 9:27:00 PM
Potassium	7.10		0.200	mg/L	1	10/20/2006 3:22:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 3:22:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 3:22:00 AM
Sodium	4,080		20.0	mg/L	100	10/20/2006 9:27:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 3:22:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/17/2006 12:48:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 12:48:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 12:48:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 12:48:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 12:48:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-01

Client Sample ID: MW-2A
Collection Date: 10/9/2006 3:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 12:48:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 12:48:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 12:48:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 12:48:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 12:48:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 12:48:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	10/17/2006 12:48:00 PM
Surr: 4-Bromofluorobenzene	95.6		72.4-125	%REC	1	10/17/2006 12:48:00 PM
Surr: Dibromofluoromethane	88.3		71.2-125	%REC	1	10/17/2006 12:48:00 PM
Surr: Toluene-d8	97.2		75-125	%REC	1	10/17/2006 12:48:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: PV

Chloride	7,290	100	mg/L	200	10/15/2006 6:12:00 PM
Fluoride	5.34	0.200	mg/L	2	10/15/2006 5:50:00 PM
Sulfate	4,360	200	mg/L	200	10/15/2006 6:12:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 8:34:00 AM
Surr: Selenate (surr)	98.5	80-120	%REC	5	10/25/2006 8:34:00 AM
Surr: Selenate (surr)	98.3	80-120	%REC	200	10/15/2006 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-01

Client Sample ID: MW-2A
Collection Date: 10/9/2006 3:40:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	94.7		80-120	%REC	2	10/15/2006 5:50:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	464		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	464		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	6.99	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	16,300		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-02

Client Sample ID: MW-4A
Collection Date: 10/9/2006 4:47:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.53		SW8015M 0.050	mg/L	1	Prep Date: 10/14/2006 Analyst: JFT 10/17/2006 7:39:00 PM
Surr: 2-Fluorobiphenyl	81.7		60-140	%REC	1	10/17/2006 7:39:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	ND		SW8015 0.0500	mg/L	1	Analyst: ABE 10/23/2006 1:11:00 PM
Surr: 4-Bromofluorobenzene	94.3		70-130	%REC	1	10/23/2006 1:11:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/23/2006 Analyst: JCJ 10/23/2006 3:22:53 PM
ICP METALS, TOTAL						
Arsenic	0.0644		SW6020 0.00500	mg/L	1	Prep Date: 10/17/2006 Analyst: ALR 10/20/2006 3:58:00 AM
Barium	0.0148		0.00500	mg/L	1	10/20/2006 3:58:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 3:58:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 3:58:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 3:58:00 AM
Magnesium	141		0.200	mg/L	1	10/20/2006 3:58:00 AM
Potassium	3.78		0.200	mg/L	1	10/20/2006 3:58:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 3:58:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 3:58:00 AM
Sodium	771		20.0	mg/L	100	10/20/2006 9:50:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 3:58:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/17/2006 1:14:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 1:14:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 1:14:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 1:14:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 1:14:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-4A

Work Order: 0610199

Collection Date: 10/9/2006 4:47:00 PM

Project: Navajo Artesia

Lab ID: 0610199-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 1:14:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
m,p-Xylene	33		10	µg/L	1	10/17/2006 1:14:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 1:14:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
o-Xylene	9.2		5.0	µg/L	1	10/17/2006 1:14:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 1:14:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 1:14:00 PM
Xylenes, Total	42		15	µg/L	1	10/17/2006 1:14:00 PM
Surr: 1,2-Dichloroethane-d4	95.4		70-125	%REC	1	10/17/2006 1:14:00 PM
Surr: 4-Bromofluorobenzene	95.8		72.4-125	%REC	1	10/17/2006 1:14:00 PM
Surr: Dibromofluoromethane	81.3		71.2-125	%REC	1	10/17/2006 1:14:00 PM
Surr: Toluene-d8	96.2		75-125	%REC	1	10/17/2006 1:14:00 PM

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

Chloride	1,070	100	mg/L	200	10/15/2006 6:56:00 PM
Fluoride	1.97	0.200	mg/L	2	10/15/2006 6:34:00 PM
Sulfate	1,620	200	mg/L	200	10/15/2006 6:56:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 8:56:00 AM
Surr: Selenate (surr)	98.5	80-120	%REC	5	10/25/2006 8:56:00 AM
Surr: Selenate (surr)	99.7	80-120	%REC	200	10/15/2006 6:56:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-02

Client Sample ID: MW-4A
Collection Date: 10/9/2006 4:47:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	98.3		80-120	%REC	2	10/15/2006 6:34:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	209		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	209		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.22	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	4,110		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-03

Client Sample ID: KWB-2R
Collection Date: 10/10/2006 9:35:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.37		0.050	mg/L	1	10/17/2006 8:18:00 PM
Surr: 2-Fluorobiphenyl	66.6		60-140	%REC	1	10/17/2006 8:18:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 3:37:01 PM
ICP METALS, TOTAL						
Arsenic	0.0629		0.00500	mg/L	1	10/20/2006 4:04:00 AM
Barium	0.448		0.00500	mg/L	1	10/20/2006 4:04:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 4:04:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 4:04:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 4:04:00 AM
Magnesium	151		4.00	mg/L	20	10/20/2006 9:56:00 PM
Potassium	0.278		0.200	mg/L	1	10/20/2006 4:04:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 4:04:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 4:04:00 AM
Sodium	102		4.00	mg/L	20	10/20/2006 9:56:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 4:04:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,2,4-Trimethylbenzene	57		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
1,3,5-Trimethylbenzene	14		5.0	µg/L	1	10/17/2006 1:39:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 1:39:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 1:39:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 1:39:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 1:39:00 PM
Benzene	1,100		50	µg/L	10	10/17/2006 3:20:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 1:39:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 1:39:00 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: October 26, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610199
 Project: Navajo Artesia
 Lab ID: 0610199-03

Client Sample ID: KWB-2R
 Collection Date: 10/10/2006 9:35:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Ethylbenzene	120		5.0	µg/L	1	10/17/2006 1:39:00 PM
Isopropylbenzene	5.9		5.0	µg/L	1	10/17/2006 1:39:00 PM
m,p-Xylene	110		10	µg/L	1	10/17/2006 1:39:00 PM
Methyl tert-butyl ether	180		5.0	µg/L	1	10/17/2006 1:39:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 1:39:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
n-Propylbenzene	8.8		5.0	µg/L	1	10/17/2006 1:39:00 PM
Naphthalene	21		5.0	µg/L	1	10/17/2006 1:39:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 1:39:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 1:39:00 PM
Xylenes, Total	120		15	µg/L	1	10/17/2006 1:39:00 PM
Surr: 1,2-Dichloroethane-d4	95.5		70-125	%REC	1	10/17/2006 1:39:00 PM
Surr: 1,2-Dichloroethane-d4	94.0		70-125	%REC	10	10/17/2006 3:20:00 PM
Surr: 4-Bromofluorobenzene	93.0		72.4-125	%REC	1	10/17/2006 1:39:00 PM
Surr: 4-Bromofluorobenzene	90.5		72.4-125	%REC	10	10/17/2006 3:20:00 PM
Surr: Dibromofluoromethane	85.0		71.2-125	%REC	1	10/17/2006 1:39:00 PM
Surr: Dibromofluoromethane	82.1		71.2-125	%REC	10	10/17/2006 3:20:00 PM
Surr: Toluene-d8	97.9		75-125	%REC	1	10/17/2006 1:39:00 PM
Surr: Toluene-d8	96.1		75-125	%REC	10	10/17/2006 3:20:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	338		5.00	mg/L	10	10/16/2006 1:33:00 PM
Fluoride	1.20		0.200	mg/L	2	10/15/2006 7:18:00 PM
Sulfate	200		10.0	mg/L	10	10/16/2006 1:33:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	10/25/2006 9:18:00 AM
Surr: Selenate (surr)	98.3		80-120	%REC	5	10/25/2006 9:18:00 AM
Surr: Selenate (surr)	97.2		80-120	%REC	2	10/15/2006 7:18:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-2R

Work Order: 0610199

Collection Date: 10/10/2006 9:35:00 AM

Project: Navajo Artesia

Lab ID: 0610199-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	97.3		80-120	%REC	10	10/16/2006 1:33:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	741		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	741		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	6.58	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	1,510		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610199
 Project: Navajo Artesia
 Lab ID: 0610199-04

Client Sample ID: MW-52
 Collection Date: 10/10/2006 10:21:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 10/14/2006 Analyst: JFT
TPH (Diesel Range)	0.16		0.050	mg/L	1	10/17/2006 8:58:00 PM
Surr: 2-Fluorobiphenyl	62.5		60-140	%REC	1	10/17/2006 8:58:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 10/23/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/23/2006 3:39:00 PM
ICP METALS, TOTAL			SW6020			Prep Date: 10/17/2006 Analyst: ALR
Arsenic	0.00542		0.00500	mg/L	1	10/20/2006 4:10:00 AM
Barium	0.0128		0.00500	mg/L	1	10/20/2006 4:10:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 4:10:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 4:10:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 4:10:00 AM
Magnesium	215		20.0	mg/L	100	10/20/2006 10:20:00 PM
Potassium	0.406		0.200	mg/L	1	10/20/2006 4:10:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 4:10:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 4:10:00 AM
Sodium	453		20.0	mg/L	100	10/20/2006 10:20:00 PM
Vanadium	0.0236		0.00500	mg/L	1	10/20/2006 4:10:00 AM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 2:30:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 2:30:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 2:30:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 2:30:00 PM
Benzene	21		5.0	µg/L	1	10/17/2006 2:30:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 2:30:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 2:30:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-04

Client Sample ID: MW-52
Collection Date: 10/10/2006 10:21:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Ethylbenzene	8.8		5.0	µg/L	1	10/17/2006 2:30:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
m,p-Xylene	11		10	µg/L	1	10/17/2006 2:30:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 2:30:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 2:30:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 2:30:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 2:30:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/17/2006 2:30:00 PM
Surr: 4-Bromofluorobenzene	98.0		72.4-125	%REC	1	10/17/2006 2:30:00 PM
Surr: Dibromofluoromethane	89.4		71.2-125	%REC	1	10/17/2006 2:30:00 PM
Surr: Toluene-d8	98.5		75-125	%REC	1	10/17/2006 2:30:00 PM

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

Chloride	287	12.5	mg/L	25	10/16/2006 2:17:00 PM
Fluoride	1.85	0.200	mg/L	2	10/15/2006 10:57:00 PM
Sulfate	1,210	25.0	mg/L	25	10/16/2006 2:17:00 PM
Nitrate/Nitrite (as N)	3.96	0.500	mg/L	5	10/25/2006 10:45:00 AM
Surr: Selenate (surr)	98.0	80-120	%REC	5	10/25/2006 10:45:00 AM
Surr: Selenate (surr)	95.2	80-120	%REC	25	10/16/2006 2:17:00 PM
Surr: Selenate (surr)	97.5	80-120	%REC	2	10/15/2006 10:57:00 PM

ALKALINITY**E310.1**Analyst: **RPM**

Alkalinity, Bicarbonate (As CaCO3)	615	5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-52

Work Order: 0610199

Collection Date: 10/10/2006 10:21:00 AM

Project: Navajo Artesia

Lab ID: 0610199-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	615		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	6.89	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	2,830		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-05

Client Sample ID: KWB-5
Collection Date: 10/10/2006 10:57:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.4		SW8015M	0.050	mg/L	Prep Date: 10/14/2006 Analyst: JFT
<i>Surr: 2-Fluorobiphenyl</i>	98.8		60-140	%REC	1	10/17/2006 9:37:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200	mg/L	Prep Date: 10/23/2006 Analyst: JCJ
					1	10/23/2006 3:41:00 PM
ICP METALS, TOTAL						
Arsenic	0.0132		SW6020	0.00500	mg/L	Prep Date: 10/17/2006 Analyst: ALR
Barium	2.17			0.100	mg/L	10/20/2006 4:34:00 AM
Cadmium	ND			0.00200	mg/L	10/20/2006 10:26:00 PM
Chromium	ND			0.00500	mg/L	10/20/2006 4:34:00 AM
Lead	ND			0.00500	mg/L	10/20/2006 4:34:00 AM
Magnesium	104			4.00	mg/L	10/20/2006 10:26:00 PM
Potassium	1.97			0.200	mg/L	10/20/2006 4:34:00 AM
Selenium	ND			0.00500	mg/L	10/20/2006 4:34:00 AM
Silver	ND			0.00500	mg/L	10/20/2006 4:34:00 AM
Sodium	152			4.00	mg/L	10/20/2006 10:26:00 PM
Vanadium	ND			0.00500	mg/L	10/20/2006 4:34:00 AM
VOLATILES BY GC/MS						
			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,1,2,2-Tetrachloroethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,1,2-Trichloroethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,1-Dichloroethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,1-Dichloroethene	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,2,4-Trimethylbenzene	120			5.0	µg/L	10/17/2006 2:55:00 PM
1,2-Dibromoethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,2-Dichloroethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,2-Dichloropropane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
1,3,5-Trimethylbenzene	31			5.0	µg/L	10/17/2006 2:55:00 PM
2-Butanone	ND			10	µg/L	10/17/2006 2:55:00 PM
2-Hexanone	ND			10	µg/L	10/17/2006 2:55:00 PM
4-Isopropyltoluene	ND			5.0	µg/L	10/17/2006 2:55:00 PM
4-Methyl-2-pentanone	ND			10	µg/L	10/17/2006 2:55:00 PM
Acetone	ND			10	µg/L	10/17/2006 2:55:00 PM
Benzene	11,000			500	µg/L	10/17/2006 5:01:00 PM
Bromodichloromethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
Bromoform	ND			5.0	µg/L	10/17/2006 2:55:00 PM
Bromomethane	ND			5.0	µg/L	10/17/2006 2:55:00 PM
Carbon disulfide	ND			10	µg/L	10/17/2006 2:55:00 PM
Carbon tetrachloride	ND			5.0	µg/L	10/17/2006 2:55:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-05

Client Sample ID: KWB-5
Collection Date: 10/10/2006 10:57:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Ethylbenzene	380		250	µg/L	50	10/17/2006 3:45:00 PM
Isopropylbenzene	70		5.0	µg/L	1	10/17/2006 2:55:00 PM
m,p-Xylene	450		250	µg/L	50	10/17/2006 3:45:00 PM
Methyl tert-butyl ether	4,600		250	µg/L	50	10/17/2006 3:45:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 2:55:00 PM
n-Butylbenzene	18		5.0	µg/L	1	10/17/2006 2:55:00 PM
n-Propylbenzene	120		5.0	µg/L	1	10/17/2006 2:55:00 PM
Naphthalene	84		5.0	µg/L	1	10/17/2006 2:55:00 PM
o-Xylene	ND		250	µg/L	50	10/17/2006 3:45:00 PM
sec-Butylbenzene	13		5.0	µg/L	1	10/17/2006 2:55:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Toluene	530		250	µg/L	50	10/17/2006 3:45:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 2:55:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 2:55:00 PM
Xylenes, Total	ND		750	µg/L	50	10/17/2006 3:45:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	10/17/2006 2:55:00 PM
Surr: 1,2-Dichloroethane-d4	85.2		70-125	%REC	50	10/17/2006 3:45:00 PM
Surr: 1,2-Dichloroethane-d4	85.1		70-125	%REC	100	10/17/2006 5:01:00 PM
Surr: 4-Bromofluorobenzene	90.1		72.4-125	%REC	1	10/17/2006 2:55:00 PM
Surr: 4-Bromofluorobenzene	86.6		72.4-125	%REC	50	10/17/2006 3:45:00 PM
Surr: 4-Bromofluorobenzene	84.8		72.4-125	%REC	100	10/17/2006 5:01:00 PM
Surr: Dibromofluoromethane	87.0		71.2-125	%REC	1	10/17/2006 2:55:00 PM
Surr: Dibromofluoromethane	75.2		71.2-125	%REC	50	10/17/2006 3:45:00 PM
Surr: Dibromofluoromethane	83.5		71.2-125	%REC	100	10/17/2006 5:01:00 PM
Surr: Toluene-d8	94.5		75-125	%REC	1	10/17/2006 2:55:00 PM
Surr: Toluene-d8	93.3		75-125	%REC	50	10/17/2006 3:45:00 PM
Surr: Toluene-d8	90.6		75-125	%REC	100	10/17/2006 5:01:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: PV

Chloride	314	5.00	mg/L	10	10/16/2006 3:01:00 PM
Fluoride	0.762	0.200	mg/L	2	10/15/2006 11:41:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-05

Client Sample ID: KWB-5
Collection Date: 10/10/2006 10:57:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Sulfate	4.69		2.00	mg/L	2	10/15/2006 11:41:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	10/25/2006 11:07:00 AM
Surr: Selenate (surr)	98.9		80-120	%REC	5	10/25/2006 11:07:00 AM
Surr: Selenate (surr)	97.0		80-120	%REC	2	10/15/2006 11:41:00 PM
Surr: Selenate (surr)	98.3		80-120	%REC	10	10/16/2006 3:01:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	798		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	798		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	6.69	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	1,340		10.0	mg/L	1	10/13/2006

Qualifiers: ND - Not Detected at the Reporting Limit
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* - 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-06

Client Sample ID: NP-2
Collection Date: 10/10/2006 11:45:00 AM
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	10/17/2006 5:26:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 5:26:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 5:26:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 5:26:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 5:26:00 PM
Benzene	88		5.0	µg/L	1	10/17/2006 5:26:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 5:26:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Ethylbenzene	13		5.0	µg/L	1	10/17/2006 5:26:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
m,p-Xylene	16		10	µg/L	1	10/17/2006 5:26:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 5:26:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 5:26:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: NP-2

Work Order: 0610199

Collection Date: 10/10/2006 11:45:00 AM

Project: Navajo Artesia

Lab ID: 0610199-06

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Toluene	13		5.0	µg/L	1	10/17/2006 5:26:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 5:26:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 5:26:00 PM
Xylenes, Total	17		15	µg/L	1	10/17/2006 5:26:00 PM
Surr: 1,2-Dichloroethane-d4	93.6		70-125	%REC	1	10/17/2006 5:26:00 PM
Surr: 4-Bromofluorobenzene	89.8		72.4-125	%REC	1	10/17/2006 5:26:00 PM
Surr: Dibromofluoromethane	90.4		71.2-125	%REC	1	10/17/2006 5:26:00 PM
Surr: Toluene-d8	96.9		75-125	%REC	1	10/17/2006 5:26:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-07

Client Sample ID: NP-1
Collection Date: 10/10/2006 1:02:00 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	10/17/2006 5:51:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 5:51:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 5:51:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 5:51:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 5:51:00 PM
Benzene	32		5.0	µg/L	1	10/17/2006 5:51:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 5:51:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Ethylbenzene	5.9		5.0	µg/L	1	10/17/2006 5:51:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 5:51:00 PM
Methyl tert-butyl ether	290		25	µg/L	5	10/18/2006 4:41:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 5:51:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 5:51:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-07

Client Sample ID: NP-1
Collection Date: 10/10/2006 1:02:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Toluene	5.0		5.0	µg/L	1	10/17/2006 5:51:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 5:51:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 5:51:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 5:51:00 PM
Surr: 1,2-Dichloroethane-d4	115		70-125	%REC	5	10/18/2006 4:41:00 PM
Surr: 1,2-Dichloroethane-d4	91.9		70-125	%REC	1	10/17/2006 5:51:00 PM
Surr: 4-Bromofluorobenzene	114		72.4-125	%REC	5	10/18/2006 4:41:00 PM
Surr: 4-Bromofluorobenzene	87.8		72.4-125	%REC	1	10/17/2006 5:51:00 PM
Surr: Dibromofluoromethane	124		71.2-125	%REC	5	10/18/2006 4:41:00 PM
Surr: Dibromofluoromethane	89.8		71.2-125	%REC	1	10/17/2006 5:51:00 PM
Surr: Toluene-d8	94.7		75-125	%REC	1	10/17/2006 5:51:00 PM
Surr: Toluene-d8	118		75-125	%REC	5	10/18/2006 4:41:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-08

Client Sample ID: MW-8
Collection Date: 10/10/2006 1:29:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.084		0.050	mg/L	1	10/17/2006 10:17:00 PM
Surr: 2-Fluorobiphenyl	70.9		60-140	%REC	1	10/17/2006 10:17:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 3:43:00 PM
ICP METALS, TOTAL						
Arsenic	0.0270		0.00500	mg/L	1	10/20/2006 4:40:00 AM
Barium	0.0135		0.00500	mg/L	1	10/21/2006 1:58:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 4:40:00 AM
Chromium	0.844		0.00500	mg/L	1	10/20/2006 4:40:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 4:40:00 AM
Magnesium	298		20.0	mg/L	100	10/20/2006 10:32:00 PM
Potassium	1.71		0.200	mg/L	1	10/20/2006 4:40:00 AM
Selenium	0.0121		0.00500	mg/L	1	10/20/2006 4:40:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 4:40:00 AM
Sodium	378		20.0	mg/L	100	10/20/2006 10:32:00 PM
Vanadium	0.116		0.00500	mg/L	1	10/20/2006 4:40:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 6:17:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 6:17:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 6:17:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 6:17:00 PM
Benzene	18		5.0	µg/L	1	10/17/2006 6:17:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 6:17:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 6:17:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-8

Work Order: 0610199

Collection Date: 10/10/2006 1:29:00 PM

Project: Navajo Artesia

Lab ID: 0610199-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Ethylbenzene	5.2		5.0	µg/L	1	10/17/2006 6:17:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 6:17:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 6:17:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 6:17:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 6:17:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 6:17:00 PM
Surr: 1,2-Dichloroethane-d4	96.4		70-125	%REC	1	10/17/2006 6:17:00 PM
Surr: 4-Bromofluorobenzene	90.2		72.4-125	%REC	1	10/17/2006 6:17:00 PM
Surr: Dibromofluoromethane	91.8		71.2-125	%REC	1	10/17/2006 6:17:00 PM
Surr: Toluene-d8	97.6		75-125	%REC	1	10/17/2006 6:17:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: PV

Chloride	316	5.00	mg/L	10	10/16/2006 3:23:00 PM
Fluoride	2.49	0.200	mg/L	2	10/16/2006 12:25:00 AM
Sulfate	2,140	100	mg/L	100	10/16/2006 12:46:00 AM
Nitrate/Nitrite (as N)	1.34	0.500	mg/L	5	10/25/2006 11:29:00 AM
Surr: Selenate (surr)	98.2	80-120	%REC	5	10/25/2006 11:29:00 AM
Surr: Selenate (surr)	97.2	80-120	%REC	10	10/16/2006 3:23:00 PM
Surr: Selenate (surr)	99.6	80-120	%REC	100	10/16/2006 12:46:00 AM
Surr: Selenate (surr)	98.4	80-120	%REC	2	10/16/2006 12:25:00 AM

ALKALINITY

E310.1

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	276	5.00	mg/L	1	10/13/2006
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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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-8

Work Order: 0610199

Collection Date: 10/10/2006 1:29:00 PM

Project: Navajo Artesia

Lab ID: 0610199-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	276		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.08	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	4,030		10.0	mg/L	1	10/13/2006

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 22 of 73

e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-09

Client Sample ID: MW-21
Collection Date: 10/10/2006 2:10:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	10/17/2006 10:56:00 PM
Surr: 2-Fluorobiphenyl	73.5		60-140	%REC	1	10/17/2006 10:56:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 3:45:00 PM
ICP METALS, TOTAL						
Arsenic	0.00694		0.00500	mg/L	1	10/20/2006 4:45:00 AM
Barium	0.00956		0.00500	mg/L	1	10/20/2006 4:45:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 4:45:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 4:45:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 4:45:00 AM
Magnesium	412		20.0	mg/L	100	10/20/2006 10:38:00 PM
Potassium	2.09		0.200	mg/L	1	10/20/2006 4:45:00 AM
Selenium	0.0308		0.00500	mg/L	1	10/20/2006 4:45:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 4:45:00 AM
Sodium	439		20.0	mg/L	100	10/20/2006 10:38:00 PM
Vanadium	0.0382		0.00500	mg/L	1	10/20/2006 4:45:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 6:42:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 6:42:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 6:42:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 6:42:00 PM
Benzene	8.9		5.0	µg/L	1	10/17/2006 6:42:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 6:42:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 6:42:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-09

Client Sample ID: MW-21
Collection Date: 10/10/2006 2:10:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 6:42:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 6:42:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 6:42:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 6:42:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 6:42:00 PM
Surr: 1,2-Dichloroethane-d4	95.3		70-125	%REC	1	10/17/2006 6:42:00 PM
Surr: 4-Bromofluorobenzene	85.3		72.4-125	%REC	1	10/17/2006 6:42:00 PM
Surr: Dibromofluoromethane	91.2		71.2-125	%REC	1	10/17/2006 6:42:00 PM
Surr: Toluene-d8	94.5		75-125	%REC	1	10/17/2006 6:42:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	456		10.0	mg/L	20	10/16/2006 2:39:00 PM
Fluoride	2.16		0.200	mg/L	2	10/16/2006 1:08:00 AM
Sulfate	3,270		200	mg/L	200	10/16/2006 2:58:00 AM
Nitrate/Nitrite (as N)	6.57		0.500	mg/L	5	10/25/2006 11:51:00 AM
Surr: Selenate (surr)	98.3		80-120	%REC	5	10/25/2006 11:51:00 AM
Surr: Selenate (surr)	99.5		80-120	%REC	200	10/16/2006 2:58:00 AM
Surr: Selenate (surr)	95.4		80-120	%REC	20	10/16/2006 2:39:00 PM
Surr: Selenate (surr)	98.8		80-120	%REC	2	10/16/2006 1:08:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	308		5.00	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-09

Client Sample ID: MW-21
Collection Date: 10/10/2006 2:10:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	308		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	6.99	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	5,780		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-10

Client Sample ID: NP-6
Collection Date: 10/10/2006 2:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	10/17/2006 11:36:00 PM
Surr: 2-Fluorobiphenyl	77.0		60-140	%REC	1	10/17/2006 11:36:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 3:47:01 PM
ICP METALS, TOTAL						
Arsenic	0.00645		0.00500	mg/L	1	10/20/2006 4:52:00 AM
Barium	0.0128		0.00500	mg/L	1	10/20/2006 4:52:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 4:52:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 4:52:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 4:52:00 AM
Magnesium	416		20.0	mg/L	100	10/20/2006 10:44:00 PM
Potassium	3.22		0.200	mg/L	1	10/20/2006 4:52:00 AM
Selenium	0.0268		0.00500	mg/L	1	10/20/2006 4:52:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 4:52:00 AM
Sodium	433		20.0	mg/L	100	10/20/2006 10:44:00 PM
Vanadium	0.0376		0.00500	mg/L	1	10/20/2006 4:52:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 7:07:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 7:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 7:07:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 7:07:00 PM
Benzene	8.8		5.0	µg/L	1	10/17/2006 7:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 7:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 7:07:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-10

Client Sample ID: NP-6
Collection Date: 10/10/2006 2:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 7:07:00 PM
Methyl tert-butyl ether	10		5.0	µg/L	1	10/17/2006 7:07:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 7:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 7:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 7:07:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 7:07:00 PM
Surr: 1,2-Dichloroethane-d4	100		70-125	%REC	1	10/17/2006 7:07:00 PM
Surr: 4-Bromofluorobenzene	88.7		72.4-125	%REC	1	10/17/2006 7:07:00 PM
Surr: Dibromofluoromethane	96.1		71.2-125	%REC	1	10/17/2006 7:07:00 PM
Surr: Toluene-d8	98.1		75-125	%REC	1	10/17/2006 7:07:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

 Analyst: **PV**

Chloride	652	10.0	mg/L	20	10/16/2006 3:45:00 PM
Fluoride	2.61	0.200	mg/L	2	10/16/2006 3:20:00 AM
Sulfate	2,860	200	mg/L	200	10/16/2006 3:42:00 AM
Nitrate/Nitrite (as N)	29.2	0.500	mg/L	5	10/25/2006 1:41:00 PM
Surr: Selenate (surr)	98.0	80-120	%REC	5	10/25/2006 1:41:00 PM
Surr: Selenate (surr)	99.4	80-120	%REC	200	10/16/2006 3:42:00 AM
Surr: Selenate (surr)	96.8	80-120	%REC	2	10/16/2006 3:20:00 AM
Surr: Selenate (surr)	97.4	80-120	%REC	20	10/16/2006 3:45:00 PM

ALKALINITY
E310.1

 Analyst: **RP**

Alkalinity, Bicarbonate (As CaCO3)	282	5.00	mg/L	1	10/13/2006
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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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-10

Client Sample ID: NP-6
Collection Date: 10/10/2006 2:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	282		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	6.96	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	5,750		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-11

Client Sample ID: MW-5A
Collection Date: 10/10/2006 5:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 10/14/2006 Analyst: JFT		
TPH (Diesel Range)	1.8		0.050	mg/L	1	10/18/2006 12:15:00 AM
Surr: 2-Fluorobiphenyl	88.2		60-140	%REC	1	10/18/2006 12:15:00 AM
GASOLINE RANGE ORGANICS						
			SW8015	Analyst: ABE		
Gasoline Range Organics	3.30		0.0500	mg/L	1	10/23/2006 2:53:00 PM
Surr: 4-Bromofluorobenzene	129		70-130	%REC	1	10/23/2006 2:53:00 PM
MERCURY, TOTAL						
			SW7470	Prep Date: 10/23/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	10/23/2006 3:49:02 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 10/17/2006 Analyst: ALR		
Arsenic	0.198		0.00500	mg/L	1	10/20/2006 5:21:00 AM
Barium	0.0163		0.00500	mg/L	1	10/20/2006 5:21:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 5:21:00 AM
Chromium	0.231		0.00500	mg/L	1	10/20/2006 5:21:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 5:21:00 AM
Magnesium	769		20.0	mg/L	100	10/20/2006 10:49:00 PM
Potassium	6.84		0.200	mg/L	1	10/20/2006 5:21:00 AM
Selenium	0.00734		0.00500	mg/L	1	10/20/2006 5:21:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 5:21:00 AM
Sodium	3,700		20.0	mg/L	100	10/20/2006 10:49:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 5:21:00 AM
VOLATILES BY GC/MS						
			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 12:52:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 12:52:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 12:52:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 12:52:00 PM
Benzene	9.1		5.0	µg/L	1	10/18/2006 12:52:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-5A

Work Order: 0610199

Collection Date: 10/10/2006 5:00:00 PM

Project: Navajo Artesia

Lab ID: 0610199-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 12:52:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 12:52:00 PM
Methyl tert-butyl ether	5.8		5.0	µg/L	1	10/18/2006 12:52:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 12:52:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 12:52:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 12:52:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 12:52:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	10/18/2006 12:52:00 PM
Surr: 4-Bromofluorobenzene	114		72.4-125	%REC	1	10/18/2006 12:52:00 PM
Surr: Dibromofluoromethane	116		71.2-125	%REC	1	10/18/2006 12:52:00 PM
Surr: Toluene-d8	120		75-125	%REC	1	10/18/2006 12:52:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: PV

Chloride	4,140	100	mg/L	200	10/16/2006 4:26:00 AM
Fluoride	2.61	0.200	mg/L	2	10/16/2006 4:04:00 AM
Sulfate	7,090	200	mg/L	200	10/16/2006 4:26:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 2:03:00 PM
Surr: Selenate (surr)	96.1	80-120	%REC	5	10/25/2006 2:03:00 PM
Surr: Selenate (surr)	99.3	80-120	%REC	200	10/16/2006 4:26:00 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

e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-11

Client Sample ID: MW-5A
Collection Date: 10/10/2006 5:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	91.6		80-120	%REC	2	10/16/2006 4:04:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	412		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	412		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.00	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	17,600		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-12

Client Sample ID: MW-7A
Collection Date: 10/10/2006 5:32:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.74		SW8015M	0.050	mg/L	Prep Date: 10/14/2006 Analyst: JFT
<i>Surr: 2-Fluorobiphenyl</i>	83.1		60-140	%REC	1	10/18/2006 12:55:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.476		SW8015	0.0500	mg/L	Analyst: ABE
<i>Surr: 4-Bromofluorobenzene</i>	108		70-130	%REC	1	10/23/2006 5:28:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200	mg/L	Prep Date: 10/23/2006 Analyst: JCJ
ICP METALS, TOTAL						
Arsenic	0.0440		SW6020	0.00500	mg/L	Prep Date: 10/17/2006 Analyst: ALR
Barium	0.0170			0.00500	mg/L	10/20/2006 5:27:00 AM
Cadmium	ND			0.00200	mg/L	10/20/2006 5:27:00 AM
Chromium	ND			0.00500	mg/L	10/20/2006 5:27:00 AM
Lead	ND			0.00500	mg/L	10/20/2006 5:27:00 AM
Magnesium	276			20.0	mg/L	10/20/2006 10:55:00 PM
Potassium	4.53			0.200	mg/L	10/20/2006 5:27:00 AM
Selenium	ND			0.00500	mg/L	10/20/2006 5:27:00 AM
Silver	ND			0.00500	mg/L	10/20/2006 5:27:00 AM
Sodium	1,620			20.0	mg/L	10/20/2006 10:55:00 PM
Vanadium	ND			0.00500	mg/L	10/20/2006 5:27:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260	5.0	µg/L	Analyst: PC
1,1,2,2-Tetrachloroethane	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,1,2-Trichloroethane	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,1-Dichloroethane	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,1-Dichloroethene	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,2,4-Trimethylbenzene	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,2-Dibromoethane	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,2-Dichloroethane	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,2-Dichloropropane	ND			5.0	µg/L	10/18/2006 1:21:00 PM
1,3,5-Trimethylbenzene	ND			5.0	µg/L	10/18/2006 1:21:00 PM
2-Butanone	ND			10	µg/L	10/18/2006 1:21:00 PM
2-Hexanone	ND			10	µg/L	10/18/2006 1:21:00 PM
4-Isopropyltoluene	ND			5.0	µg/L	10/18/2006 1:21:00 PM
4-Methyl-2-pentanone	ND			10	µg/L	10/18/2006 1:21:00 PM
Acetone	ND			10	µg/L	10/18/2006 1:21:00 PM
Benzene	9.6			5.0	µg/L	10/18/2006 1:21:00 PM
Bromodichloromethane	ND			5.0	µg/L	10/18/2006 1:21:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-12

Client Sample ID: MW-7A
Collection Date: 10/10/2006 5:32:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 1:21:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 1:21:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 1:21:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 1:21:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 1:21:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 1:21:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	10/18/2006 1:21:00 PM
Surr: 4-Bromofluorobenzene	114		72.4-125	%REC	1	10/18/2006 1:21:00 PM
Surr: Dibromofluoromethane	117		71.2-125	%REC	1	10/18/2006 1:21:00 PM
Surr: Toluene-d8	119		75-125	%REC	1	10/18/2006 1:21:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: PV

Chloride	2,020	100	mg/L	200	10/16/2006 5:09:00 AM
Fluoride	1.37	0.200	mg/L	2	10/16/2006 4:47:00 AM
Sulfate	2,640	200	mg/L	200	10/16/2006 5:09:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 2:25:00 PM
Surr: Selenate (surr)	96.8	80-120	%REC	5	10/25/2006 2:25:00 PM
Surr: Selenate (surr)	100	80-120	%REC	200	10/16/2006 5:09:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-12

Client Sample ID: MW-7A
Collection Date: 10/10/2006 5:32:00 PM.

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	97.8		80-120	%REC	2	10/16/2006 4:47:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	250		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	250		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.07	H	0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	7,050		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-13

Client Sample ID: OCD-7A
Collection Date: 10/11/2006 8:51:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.6		SW8015M 0.050	mg/L	1	Prep Date: 10/14/2006 Analyst: JFT 10/18/2006 1:34:00 AM
Surr: 2-Fluorobiphenyl	106		60-140	%REC	1	10/18/2006 1:34:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.982		SW8015 0.0500	mg/L	1	Analyst: ABE 10/23/2006 5:51:00 PM
Surr: 4-Bromofluorobenzene	120		70-130	%REC	1	10/23/2006 5:51:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/23/2006 Analyst: JCJ 10/23/2006 3:53:04 PM
ICP METALS, TOTAL						
Arsenic	0.398		SW6020 0.00500	mg/L	1	Prep Date: 10/17/2006 Analyst: ALR 10/20/2006 5:33:00 AM
Barium	0.0175		0.00500	mg/L	1	10/20/2006 5:33:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 5:33:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 5:33:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 5:33:00 AM
Magnesium	207		10.0	mg/L	50	10/20/2006 11:01:00 PM
Potassium	7.61		0.200	mg/L	1	10/20/2006 5:33:00 AM
Selenium	0.00645		0.00500	mg/L	1	10/20/2006 5:33:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 5:33:00 AM
Sodium	1,990		10.0	mg/L	50	10/20/2006 11:01:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 5:33:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/18/2006 1:49:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 1:49:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 1:49:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 1:49:00 PM
Acetone	14		10	µg/L	1	10/18/2006 1:49:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-13

Client Sample ID: OCD-7A
Collection Date: 10/11/2006 8:51:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 1:49:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 1:49:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 1:49:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 1:49:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 1:49:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 1:49:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	10/18/2006 1:49:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/18/2006 1:49:00 PM
Surr: Dibromofluoromethane	120		71.2-125	%REC	1	10/18/2006 1:49:00 PM
Surr: Toluene-d8	118		75-125	%REC	1	10/18/2006 1:49:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: PV

Chloride	2,250	100	mg/L	200	10/16/2006 5:53:00 AM
Fluoride	4.88	0.200	mg/L	2	10/16/2006 5:31:00 AM
Sulfate	3,370	200	mg/L	200	10/16/2006 5:53:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 2:46:00 PM
Surr: Selenate (surr)	97.1	80-120	%REC	5	10/25/2006 2:46:00 PM
Surr: Selenate (surr)	99.5	80-120	%REC	200	10/16/2006 5:53:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-13

Client Sample ID: OCD-7A
Collection Date: 10/11/2006 8:51:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	96.8		80-120	%REC	2	10/16/2006 5:31:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	553		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	553		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.03		0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	8,820		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-14

Client Sample ID: OCD-6
Collection Date: 10/11/2006 9:24:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 10/14/2006 Analyst: JFT		
TPH (Diesel Range)	0.94		0.050	mg/L	1	10/18/2006 2:13:00 AM
Surr: 2-Fluorobiphenyl	93.8		60-140	%REC	1	10/18/2006 2:13:00 AM
GASOLINE RANGE ORGANICS						
			SW8015	Analyst: ABE		
Gasoline Range Organics	0.476		0.0500	mg/L	1	10/23/2006 6:15:00 PM
Surr: 4-Bromofluorobenzene	96.5		70-130	%REC	1	10/23/2006 6:15:00 PM
MERCURY, TOTAL						
			SW7470	Prep Date: 10/23/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	10/23/2006 4:09:42 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 10/17/2006 Analyst: ALR		
Arsenic	0.0847		0.00500	mg/L	1	10/20/2006 6:03:00 AM
Barium	0.0164		0.00500	mg/L	1	10/20/2006 6:03:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 6:03:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 6:03:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 6:03:00 AM
Magnesium	224		10.0	mg/L	50	10/20/2006 11:07:00 PM
Potassium	13.5		0.200	mg/L	1	10/20/2006 6:03:00 AM
Selenium	0.00672		0.00500	mg/L	1	10/20/2006 6:03:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 6:03:00 AM
Sodium	2,650		10.0	mg/L	50	10/20/2006 11:07:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 6:03:00 AM
VOLATILES BY GC/MS						
			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 2:18:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 2:18:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 2:18:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 2:18:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-14

Client Sample ID: OCD-6
Collection Date: 10/11/2006 9:24:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 2:18:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 2:18:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 2:18:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 2:18:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 2:18:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 2:18:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	10/18/2006 2:18:00 PM
Surr: 4-Bromofluorobenzene	113		72.4-125	%REC	1	10/18/2006 2:18:00 PM
Surr: Dibromofluoromethane	118		71.2-125	%REC	1	10/18/2006 2:18:00 PM
Surr: Toluene-d8	117		75-125	%REC	1	10/18/2006 2:18:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: PV

Chloride	2,990	100	mg/L	200	10/16/2006 8:05:00 AM
Fluoride	3.69	0.200	mg/L	2	10/16/2006 6:15:00 AM
Sulfate	3,490	200	mg/L	200	10/16/2006 8:05:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 3:08:00 PM
Surr: Selenate (surr)	97.7	80-120	%REC	5	10/25/2006 3:08:00 PM
Surr: Selenate (surr)	98.6	80-120	%REC	200	10/16/2006 8:05:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: OCD-6

Work Order: 0610199

Collection Date: 10/11/2006 9:24:00 AM

Project: Navajo Artesia

Lab ID: 0610199-14

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	96.5		80-120	%REC	2	10/16/2006 6:15:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	641		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	641		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.04		0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	10,800		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-15

Client Sample ID: OCD-8
Collection Date: 10/11/2006 10:25:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.4		0.050	mg/L	1	10/18/2006 2:53:00 AM
Surr: 2-Fluorobiphenyl	109		60-140	%REC	1	10/18/2006 2:53:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.710		0.0500	mg/L	1	10/23/2006 6:38:00 PM
Surr: 4-Bromofluorobenzene	107		70-130	%REC	1	10/23/2006 6:38:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 4:11:41 PM
ICP METALS, TOTAL						
Arsenic	0.120		0.00500	mg/L	1	10/20/2006 6:09:00 AM
Barium	0.0200		0.00500	mg/L	1	10/20/2006 6:09:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 6:09:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 6:09:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 6:09:00 AM
Magnesium	293		10.0	mg/L	50	10/20/2006 11:13:00 PM
Potassium	9.03		0.200	mg/L	1	10/20/2006 6:09:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 6:09:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 6:09:00 AM
Sodium	2,240		10.0	mg/L	50	10/20/2006 11:13:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 6:09:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 2:46:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 2:46:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 2:46:00 PM
Acetone	12		10	µg/L	1	10/18/2006 2:46:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-15

Client Sample ID: OCD-8
Collection Date: 10/11/2006 10:25:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 2:46:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 2:46:00 PM
Methyl tert-butyl ether	9.5		5.0	µg/L	1	10/18/2006 2:46:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 2:46:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 2:46:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 2:46:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 2:46:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	10/18/2006 2:46:00 PM
Surr: 4-Bromofluorobenzene	114		72.4-125	%REC	1	10/18/2006 2:46:00 PM
Surr: Dibromofluoromethane	116		71.2-125	%REC	1	10/18/2006 2:46:00 PM
Surr: Toluene-d8	120		75-125	%REC	1	10/18/2006 2:46:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300
Analyst: PV

Chloride	2,920	100	mg/L	200	10/16/2006 8:49:00 AM
Fluoride	3.01	0.200	mg/L	2	10/16/2006 8:27:00 AM
Sulfate	3,900	200	mg/L	200	10/16/2006 8:49:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 3:30:00 PM
Surr: Selenate (surr)	98.3	80-120	%REC	5	10/25/2006 3:30:00 PM
Surr: Selenate (surr)	99.8	80-120	%REC	200	10/16/2006 8:49:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-15

Client Sample ID: OCD-8
Collection Date: 10/11/2006 10:25:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	96.2		80-120	%REC	2	10/16/2006 8:27:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	537		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	531		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.02		0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	10,600		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-16

Client Sample ID: MW-18A
Collection Date: 10/11/2006 11:20:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.21		0.050	mg/L	1	10/18/2006 4:50:00 AM
Surr: 2-Fluorobiphenyl	71.1		60-140	%REC	1	10/18/2006 4:50:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 4:13:41 PM
ICP METALS, TOTAL						
Arsenic	0.0112		0.00500	mg/L	1	10/20/2006 6:14:00 AM
Barium	0.0193		0.00500	mg/L	1	10/20/2006 6:14:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 6:14:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 6:14:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 6:14:00 AM
Magnesium	1,140		20.0	mg/L	100	10/20/2006 11:37:00 PM
Potassium	52.3		0.200	mg/L	1	10/20/2006 6:14:00 AM
Selenium	0.00850		0.00500	mg/L	1	10/20/2006 6:14:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 6:14:00 AM
Sodium	4,570		20.0	mg/L	100	10/20/2006 11:37:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 6:14:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 12:24:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 12:24:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 12:24:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 12:24:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Bromoform	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 12:24:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 12:24:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-16

Client Sample ID: MW-18A
Collection Date: 10/11/2006 11:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 12:24:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 12:24:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 12:24:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 12:24:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 12:24:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	10/18/2006 12:24:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/18/2006 12:24:00 PM
Surr: Dibromofluoromethane	116		71.2-125	%REC	1	10/18/2006 12:24:00 PM
Surr: Toluene-d8	117		75-125	%REC	1	10/18/2006 12:24:00 PM

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

Chloride	8,670	100	mg/L	200	10/16/2006 9:32:00 AM
Fluoride	3.48	0.200	mg/L	2	10/16/2006 9:10:00 AM
Sulfate	6,370	200	mg/L	200	10/16/2006 9:32:00 AM
Nitrate/Nitrite (as N)	1.64	0.500	mg/L	5	10/25/2006 3:52:00 PM
Surr: Selenate (surr)	96.3	80-120	%REC	5	10/25/2006 3:52:00 PM
Surr: Selenate (surr)	100	80-120	%REC	200	10/16/2006 9:32:00 AM
Surr: Selenate (surr)	83.8	80-120	%REC	2	10/16/2006 9:10:00 AM

ALKALINITY**E310.1**Analyst: **RPM**

Alkalinity, Bicarbonate (As CaCO3)	313	5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-16

Client Sample ID: MW-18A
Collection Date: 10/11/2006 11:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	313		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.19		0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	22,500		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-17

Client Sample ID: MW-22A
Collection Date: 10/11/2006 1:13:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 10/14/2006 Analyst: JFT
TPH (Diesel Range)	2.2		0.10	mg/L	2	10/24/2006 12:27:00 PM
Surr: 2-Fluorobiphenyl	96.5		60-140	%REC	2	10/24/2006 12:27:00 PM
GASOLINE RANGE ORGANICS			SW8015			Analyst: ABE
Gasoline Range Organics	5.45		0.0500	mg/L	1	10/23/2006 7:01:00 PM
Surr: 4-Bromofluorobenzene	121		70-130	%REC	1	10/23/2006 7:01:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 10/23/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/23/2006 4:15:40 PM
ICP METALS, TOTAL			SW6020			Prep Date: 10/17/2006 Analyst: ALR
Arsenic	0.0696		0.00500	mg/L	1	10/20/2006 6:38:00 AM
Barium	0.0169		0.00500	mg/L	1	10/20/2006 6:38:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 6:38:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 6:38:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 6:38:00 AM
Magnesium	147		0.200	mg/L	1	10/20/2006 6:38:00 AM
Potassium	3.50		0.200	mg/L	1	10/20/2006 6:38:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 6:38:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 6:38:00 AM
Sodium	1,180		20.0	mg/L	100	10/20/2006 11:43:00 PM
Vanadium	ND		0.00500	mg/L	1	10/20/2006 6:38:00 AM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
2-Butanone	10		10	µg/L	1	10/18/2006 3:15:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 3:15:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 3:15:00 PM
Acetone	32		10	µg/L	1	10/18/2006 3:15:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-17

Client Sample ID: MW-22A
Collection Date: 10/11/2006 1:13:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 3:15:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 3:15:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 3:15:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 3:15:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 3:15:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 3:15:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/18/2006 3:15:00 PM
Surr: 4-Bromofluorobenzene	111		72.4-125	%REC	1	10/18/2006 3:15:00 PM
Surr: Dibromofluoromethane	115		71.2-125	%REC	1	10/18/2006 3:15:00 PM
Surr: Toluene-d8	118		75-125	%REC	1	10/18/2006 3:15:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: PV

Chloride	1,670	100	mg/L	200	10/16/2006 10:16:00 AM
Fluoride	0.946	0.200	mg/L	2	10/16/2006 9:54:00 AM
Sulfate	1,950	200	mg/L	200	10/16/2006 10:16:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 4:14:00 PM
Surr: Selenate (surr)	99.7	80-120	%REC	5	10/25/2006 4:14:00 PM
Surr: Selenate (surr)	100	80-120	%REC	2	10/16/2006 9:54:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-17

Client Sample ID: MW-22A
Collection Date: 10/11/2006 1:13:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	102		80-120	%REC	200	10/16/2006 10:16:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	203		5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	203		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: IGF
pH	7.10		0.100	pH units	1	10/12/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	5,730		10.0	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-18

Client Sample ID: Equip Blank
Collection Date: 10/9/2006 5:15:00 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	10/17/2006 7:32:00 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
Acetone	11		10	µg/L	1	10/17/2006 9:38:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 9:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Equip Blank

Work Order: 0610199

Collection Date: 10/9/2006 5:15:00 PM

Project: Navajo Artesia

Lab ID: 0610199-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon disulfide	ND		10	µg/L	1	10/17/2006 7:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 7:32:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 9:38:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 7:32:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 9:38:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-18

Client Sample ID: Equip Blank
Collection Date: 10/9/2006 5:15:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 7:32:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 9:38:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 7:32:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 9:38:00 PM
Surr: 1,2-Dichloroethane-d4	96.6		70-125	%REC	1	10/17/2006 7:32:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	10/17/2006 9:38:00 PM
Surr: 4-Bromofluorobenzene	100		72.4-125	%REC	1	10/17/2006 9:38:00 PM
Surr: 4-Bromofluorobenzene	85.6		72.4-125	%REC	1	10/17/2006 7:32:00 PM
Surr: Dibromofluoromethane	92.4		71.2-125	%REC	1	10/17/2006 7:32:00 PM
Surr: Dibromofluoromethane	99.8		71.2-125	%REC	1	10/17/2006 9:38:00 PM
Surr: Toluene-d8	98.5		75-125	%REC	1	10/17/2006 9:38:00 PM
Surr: Toluene-d8	93.2		75-125	%REC	1	10/17/2006 7:32:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-19

Client Sample ID: Field Blank
Collection Date: 10/9/2006 5:10:00 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	10/17/2006 7:57:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 7:57:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 7:57:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 7:57:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 7:57:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 7:57:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 7:57:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 7:57:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 7:57:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank

Work Order: 0610199

Collection Date: 10/9/2006 5:10:00 PM

Project: Navajo Artesia

Lab ID: 0610199-19

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 7:57:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 7:57:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 7:57:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/17/2006 7:57:00 PM
Surr: 4-Bromofluorobenzene	88.3		72.4-125	%REC	1	10/17/2006 7:57:00 PM
Surr: Dibromofluoromethane	98.3		71.2-125	%REC	1	10/17/2006 7:57:00 PM
Surr: Toluene-d8	100		75-125	%REC	1	10/17/2006 7:57:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank.

Work Order: 0610199

Collection Date: 10/10/2006 2:51:00 PM

Project: Navajo Artesia

Lab ID: 0610199-22

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	10/17/2006 8:23:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 8:23:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 8:23:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 8:23:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 8:23:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 8:23:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 8:23:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 8:23:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 8:23:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank.

Work Order: 0610199

Collection Date: 10/10/2006 2:51:00 PM

Project: Navajo Artesia

Lab ID: 0610199-22

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 8:23:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 8:23:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 8:23:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/17/2006 8:23:00 PM
Surr: 4-Bromofluorobenzene	87.1		72.4-125	%REC	1	10/17/2006 8:23:00 PM
Surr: Dibromofluoromethane	98.4		71.2-125	%REC	1	10/17/2006 8:23:00 PM
Surr: Toluene-d8	99.2		75-125	%REC	1	10/17/2006 8:23:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-23

Client Sample ID: Equip Blank.
Collection Date: 10/10/2006 2:47:00 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	10/17/2006 8:48:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 8:48:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 8:48:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 8:48:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 8:48:00 PM
Benzene	5.3		5.0	µg/L	1	10/17/2006 8:48:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 8:48:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 8:48:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 8:48:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 8:48:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-23

Client Sample ID: Equip Blank.
Collection Date: 10/10/2006 2:47:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 8:48:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 8:48:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 8:48:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/17/2006 8:48:00 PM
Surr: 4-Bromofluorobenzene	89.2		72.4-125	%REC	1	10/17/2006 8:48:00 PM
Surr: Dibromofluoromethane	97.1		71.2-125	%REC	1	10/17/2006 8:48:00 PM
Surr: Toluene-d8	97.1		75-125	%REC	1	10/17/2006 8:48:00 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

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e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-24

Client Sample ID: Field Blank..
Collection Date: 10/11/2006 2:30:00 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	10/17/2006 9:13:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 9:13:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 9:13:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 9:13:00 PM
Acetone	12		10	µg/L	1	10/17/2006 9:13:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 9:13:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 9:13:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 9:13:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 9:13:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-24

Client Sample ID: Field Blank..
Collection Date: 10/11/2006 2:30:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 9:13:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 9:13:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 9:13:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/17/2006 9:13:00 PM
Surr: 4-Bromofluorobenzene	89.8		72.4-125	%REC	1	10/17/2006 9:13:00 PM
Surr: Dibromofluoromethane	100		71.2-125	%REC	1	10/17/2006 9:13:00 PM
Surr: Toluene-d8	99.2		75-125	%REC	1	10/17/2006 9:13:00 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

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e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Equip Blank

Work Order: 0610199

Collection Date: 10/11/2006 2:20:00 PM

Project: Navajo Artesia

Lab ID: 0610199-25

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	10/17/2006 7:32:00 PM
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
2-Butanone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
2-Hexanone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/17/2006 9:38:00 PM
Acetone	ND		10	µg/L	1	10/17/2006 7:32:00 PM
Acetone	11		10	µg/L	1	10/17/2006 9:38:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Benzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Bromoform	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Bromomethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Carbon disulfide	ND		10	µg/L	1	10/17/2006 9:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-25

Client Sample ID: Equip Blank
Collection Date: 10/11/2006 2:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Carbon disulfide	ND		10	µg/L	1	10/17/2006 7:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chloroethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chloroform	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Chloromethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 7:32:00 PM
m,p-Xylene	ND		10	µg/L	1	10/17/2006 9:38:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 7:32:00 PM
Methylene chloride	ND		10	µg/L	1	10/17/2006 9:38:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Naphthalene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
o-Xylene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Styrene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-25

Client Sample ID: Equip Blank
Collection Date: 10/11/2006 2:20:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Toluene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Toluene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 7:32:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/17/2006 9:38:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 7:32:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/17/2006 9:38:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 7:32:00 PM
Xylenes, Total	ND		15	µg/L	1	10/17/2006 9:38:00 PM
Surr: 1,2-Dichloroethane-d4	96.6		70-125	%REC	1	10/17/2006 7:32:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	10/17/2006 9:38:00 PM
Surr: 4-Bromofluorobenzene	100		72.4-125	%REC	1	10/17/2006 9:38:00 PM
Surr: 4-Bromofluorobenzene	85.6		72.4-125	%REC	1	10/17/2006 7:32:00 PM
Surr: Dibromofluoromethane	92.4		71.2-125	%REC	1	10/17/2006 7:32:00 PM
Surr: Dibromofluoromethane	99.8		71.2-125	%REC	1	10/17/2006 9:38:00 PM
Surr: Toluene-d8	98.5		75-125	%REC	1	10/17/2006 9:38:00 PM
Surr: Toluene-d8	93.2		75-125	%REC	1	10/17/2006 7:32:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-26

Client Sample ID: Trip Blank 1951
Collection Date: 10/11/2006
Matrix: TRIP BLANK

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	10/18/2006 5:09:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 5:09:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 5:09:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 5:09:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 5:09:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Bromoform	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 5:09:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 5:09:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 5:09:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 5:09:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-26

Client Sample ID: Trip Blank 1951
Collection Date: 10/11/2006

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 5:09:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 5:09:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 5:09:00 PM
Surr: 1,2-Dichloroethane-d4	113		70-125	%REC	1	10/18/2006 5:09:00 PM
Surr: 4-Bromofluorobenzene	115		72.4-125	%REC	1	10/18/2006 5:09:00 PM
Surr: Dibromofluoromethane	123		71.2-125	%REC	1	10/18/2006 5:09:00 PM
Surr: Toluene-d8	120		75-125	%REC	1	10/18/2006 5:09:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-27

Client Sample ID: Trip Blank 2066
Collection Date: 10/11/2006
Matrix: TRIP BLANK

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	10/18/2006 5:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 5:38:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 5:38:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 5:38:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 5:38:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Bromoform	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 5:38:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 5:38:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 5:38:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 5:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-27

Client Sample ID: Trip Blank 2066**Collection Date:** 10/11/2006**Matrix:** TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 5:38:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 5:38:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 5:38:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	10/18/2006 5:38:00 PM
Surr: 4-Bromofluorobenzene	115		72.4-125	%REC	1	10/18/2006 5:38:00 PM
Surr: Dibromofluoromethane	125		71.2-125	%REC	1	10/18/2006 5:38:00 PM
Surr: Toluene-d8	120		75-125	%REC	1	10/18/2006 5:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-28

Client Sample ID: Trip Blank 2057
Collection Date: 10/11/2006

Matrix: TRIP BLANK

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	10/18/2006 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 6:07:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 6:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 6:07:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 6:07:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Bromoform	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 6:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 6:07:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 6:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 6:07:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-28

Client Sample ID: Trip Blank 2057
Collection Date: 10/11/2006
Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 6:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 6:07:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	10/18/2006 6:07:00 PM
Surr: 4-Bromofluorobenzene	114		72.4-125	%REC	1	10/18/2006 6:07:00 PM
Surr: Dibromofluoromethane	122		71.2-125	%REC	1	10/18/2006 6:07:00 PM
Surr: Toluene-d8	118		75-125	%REC	1	10/18/2006 6:07:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-29

Client Sample ID: Trip Blank 2061
Collection Date: 10/11/2006

Matrix: TRIP BLANK

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	10/18/2006 6:36:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 6:36:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 6:36:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 6:36:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 6:36:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Bromoform	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 6:36:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 6:36:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 6:36:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 6:36:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-29

Client Sample ID: Trip Blank 2061
Collection Date: 10/11/2006

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 6:36:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 6:36:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 6:36:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	10/18/2006 6:36:00 PM
Surr: 4-Bromofluorobenzene	116		72.4-125	%REC	1	10/18/2006 6:36:00 PM
Surr: Dibromofluoromethane	122		71.2-125	%REC	1	10/18/2006 6:36:00 PM
Surr: Toluene-d8	121		75-125	%REC	1	10/18/2006 6:36:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-30

Client Sample ID: Trip Blank 2059
Collection Date: 10/11/2006

Matrix: TRIP BLANK

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	10/18/2006 7:04:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
2-Butanone	ND		10	µg/L	1	10/18/2006 7:04:00 PM
2-Hexanone	ND		10	µg/L	1	10/18/2006 7:04:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/18/2006 7:04:00 PM
Acetone	ND		10	µg/L	1	10/18/2006 7:04:00 PM
Benzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Bromoform	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Bromomethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Carbon disulfide	ND		10	µg/L	1	10/18/2006 7:04:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Chloroethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Chloroform	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Chloromethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
m,p-Xylene	ND		10	µg/L	1	10/18/2006 7:04:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Methylene chloride	ND		10	µg/L	1	10/18/2006 7:04:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Naphthalene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
o-Xylene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Styrene	ND		5.0	µg/L	1	10/18/2006 7:04:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610199
Project: Navajo Artesia
Lab ID: 0610199-30

Client Sample ID: Trip Blank 2059
Collection Date: 10/11/2006

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Toluene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/18/2006 7:04:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/18/2006 7:04:00 PM
Xylenes, Total	ND		15	µg/L	1	10/18/2006 7:04:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	10/18/2006 7:04:00 PM
Surr: 4-Bromofluorobenzene	115		72.4-125	%REC	1	10/18/2006 7:04:00 PM
Surr: Dibromofluoromethane	126	S	71.2-125	%REC	1	10/18/2006 7:04:00 PM
Surr: Toluene-d8	117		75-125	%REC	1	10/18/2006 7:04:00 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: Oct 26 2006

CLIENT: Navajo Refining Company

Work Order: 0610199

Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20286 Instrument ID FID-2 Method: SW8015M

MBLK Sample ID: FBLKW1-061014 Units: mg/L Analysis Date: 10/17/06 17:00

Client ID: Run ID: FID-2_061014A SeqNo: 978877 Prep Date: 10/14/2006 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	0.06255	0.010	0.1	0	62.5	60-140	0			

LCS Sample ID: FLCSW1-061014 Units: mg/L Analysis Date: 10/17/06 17:40

Client ID: Run ID: FID-2_061014A SeqNo: 978878 Prep Date: 10/14/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.8005	0.050	1	0	80.1	60-140	0			
Surr: 2-Fluorobiphenyl	0.08482	0.010	0.1	0	84.8	60-140	0			

LCSD Sample ID: FLCSDW1-061014 Units: mg/L Analysis Date: 10/17/06 18:20

Client ID: Run ID: FID-2_061014A SeqNo: 978880 Prep Date: 10/14/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.7256	0.050	1	0	72.6	60-140	0.8005	9.83	20	
Surr: 2-Fluorobiphenyl	0.07551	0.010	0.1	0	75.5	60-140	0.08482	11.6	20	

The following samples were analyzed in this batch:

0610199-01C	0610199-02C	0610199-03B
0610199-04B	0610199-05B	0610199-08B
0610199-09B	0610199-10B	0610199-11C
0610199-12C	0610199-13C	0610199-14C
0610199-15C	0610199-16B	0610199-17C

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43051 Instrument ID FID-9 Method: SW8015

MBLK Sample ID: GBLKW-1023 Units: mg/L Analysis Date: 10/23/06 12:25

Client ID: Run ID: FID-9_061023B SeqNo: 978424 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	0.09435	0.0050	0.1	0	94.3	70-130	0			

LCS Sample ID: GLCSW-1023 Units: mg/L Analysis Date: 10/23/06 12:02

Client ID: Run ID: FID-9_061023B SeqNo: 978423 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	0.8864	0.050	1	0	88.6	70-130	0			
Surr: 4-Bromofluorobenzene	0.09536	0.0050	0.1	0	95.4	70-130	0			

MS Sample ID: 0610202-02ZMS Units: mg/L Analysis Date: 10/23/06 15:43

Client ID: Run ID: FID-9_061023B SeqNo: 978429 Prep Date: DF: 1000

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1156	50	1000	256.7	89.9	70-130	0			
Surr: 4-Bromofluorobenzene	98.95	5.0	100	0	98.9	70-130	0			

MSD Sample ID: 0610202-02ZMSD Units: mg/L Analysis Date: 10/23/06 16:06

Client ID: Run ID: FID-9_061023B SeqNo: 978430 Prep Date: DF: 1000

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1062	50	1000	256.7	80.5	70-130	1156	8.5	30	
Surr: 4-Bromofluorobenzene	94.19	5.0	100	0	94.2	70-130	98.95	4.92	30	

The following samples were analyzed in this batch:

0610199-01B	0610199-02B	0610199-11B
0610199-12B	0610199-13B	0610199-14B
0610199-15B	0610199-17B	

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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20329 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW4-101706 Units: mg/L Analysis Date: 10/20/06 21:15

Client ID: Run ID: ICPMS02_061020A SeqNo: 977239 Prep Date: 10/17/2006 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	0.0006114	0.0050								J
Cadmium	0.0004357	0.0020								J
Chromium	0.001013	0.0050								J
Lead	0.0005456	0.0050								J
Magnesium	0.06	0.20								J
Potassium	0.05859	0.20								J
Selenium	ND	0.0050								
Silver	0.000486	0.0050								J
Sodium	0.05523	0.20								J
Vanadium	0.001473	0.0050								J

LCS Sample ID: MLCSW4-101706 Units: mg/L Analysis Date: 10/20/06 21:21

Client ID: Run ID: ICPMS02_061020A SeqNo: 977240 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04796	0.0050	0.05	0	95.9	80-121	0			
Barium	0.04943	0.0050	0.05	0	98.9	79.8-119	0			
Cadmium	0.05077	0.0020	0.05	0	102	79.1-119	0			
Chromium	0.04728	0.0050	0.05	0	94.6	79.3-121	0			
Lead	0.04938	0.0050	0.05	0	98.8	80-118	0			
Magnesium	4.831	0.20	5	0	96.6	80-120	0			
Potassium	4.912	0.20	5	0	98.2	80-120	0			
Selenium	0.05137	0.0050	0.05	0	103	79.2-118	0			
Silver	0.04878	0.0050	0.05	0	97.6	80-117	0			
Sodium	4.831	0.20	5	0	96.6	80.6-119	0			
Vanadium	0.04743	0.0050	0.05	0	94.9	82.1-119	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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20329 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0610199-01DMS Units: mg/L Analysis Date: 10/20/06 3:40

Client ID: MW-2A Run ID: ICPMS02_061019A SeqNo: 976052 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.09529	0.0050	0.05	0.04323	104	80-121	0			
Barium	0.07143	0.0050	0.05	0.01999	103	79.8-119	0			
Cadmium	0.04379	0.0020	0.05	0.0001724	87.2	79.1-119	0			
Chromium	0.05189	0.0050	0.05	0.002344	99.1	79.3-121	0			
Lead	0.05325	0.0050	0.05	0.0003439	106	80-118	0			
Magnesium	597.5	0.20	5	554.3	864	80-120	0			SEO
Potassium	12.59	0.20	5	7.098	110	80-120	0			
Selenium	0.05453	0.0050	0.05	0.004335	100	79.2-118	0			
Silver	0.04532	0.0050	0.05	-0.0001566	91	80-117	0			
Sodium	ND	0.20	5	0	0	80.6-119	0			SX
Vanadium	0.0547	0.0050	0.05	0.001079	107	82.1-119	0			

MSD Sample ID: 0610199-01DMSD Units: mg/L Analysis Date: 10/20/06 3:46

Client ID: MW-2A Run ID: ICPMS02_061019A SeqNo: 976054 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.09466	0.0050	0.05	0.04323	103	80-121	0.09529	0.663	15	
Barium	0.07104	0.0050	0.05	0.01999	102	79.8-119	0.07143	0.547	15	
Cadmium	0.0448	0.0020	0.05	0.0001724	89.3	79.1-119	0.04379	2.28	15	
Chromium	0.05303	0.0050	0.05	0.002344	101	79.3-121	0.05189	2.17	15	
Lead	0.05519	0.0050	0.05	0.0003439	110	80-118	0.05325	3.58	15	
Magnesium	611.7	0.20	5	554.3	1150	80-120	597.5	2.35	15	SEO
Potassium	12.88	0.20	5	7.098	116	80-120	12.59	2.28	15	
Selenium	0.05436	0.0050	0.05	0.004335	100	79.2-118	0.05453	0.312	15	
Silver	0.04522	0.0050	0.05	-0.0001566	90.8	80-117	0.04532	0.221	15	
Sodium	ND	0.20	5	0	0	80.6-119	0	0	15	SX
Vanadium	0.05495	0.0050	0.05	0.001079	108	82.1-119	0.0547	0.456	15	

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20329 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0610199-01DDUP Units: mg/L Analysis Date: 10/20/06 3:28

Client ID: MW-2A Run ID: ICPMS02_061019A SeqNo: 976047 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04204	0.0050	0	0	0	0-0	0.04323	2.79	25	
Barium	0.01877	0.0050	0	0	0	0-0	0.01999	6.3	25	
Cadmium	0.0001602	0.0020	0	0	0	0-0	0.0001724	0	25	J
Chromium	0.002278	0.0050	0	0	0	0-0	0.002344	0	25	J
Lead	0.0003565	0.0050	0	0	0	0-0	0.0003439	0	25	J
Potassium	7.176	0.20	0	0	0	0-0	7.098	1.09	25	
Selenium	0.00432	0.0050	0	0	0	0-0	0.004335	0	25	J
Silver	ND	0.0050	0	0	0	0-0	-0.0001566	0	25	
Vanadium	0.001035	0.0050	0	0	0	0-0	0.001079	0	25	J

DUP Sample ID: 0610199-01DDUP Units: mg/L Analysis Date: 10/20/06 21:33

Client ID: MW-2A Run ID: ICPMS02_061020A SeqNo: 977242 Prep Date: 10/17/2006 DF: 100

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Magnesium	574.3	20	0	0	0	0-0	621.9	7.96	25	
Sodium	3735	20	0	0	0	0-0	4084	8.93	25	

The following samples were analyzed in this batch:

0610199-01D	0610199-02D	0610199-03C
0610199-04C	0610199-05C	0610199-08C
0610199-09C	0610199-10C	0610199-11D
0610199-12D	0610199-13D	0610199-14D
0610199-15D	0610199-16C	0610199-17D

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20412 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW1-102306 Units: mg/L Analysis Date: 10/23/06 15:11

Client ID: Run ID: MERCURY_061023A SeqNo: 977709 Prep Date: 10/23/2006 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: GLCSW1-102306 Units: mg/L Analysis Date: 10/23/06 15:13

Client ID: Run ID: MERCURY_061023A SeqNo: 977710 Prep Date: 10/23/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00518	0.00020	0.005	0	104	85-115	0			

LCSD Sample ID: GLCSDW1-102306 Units: mg/L Analysis Date: 10/23/06 15:15

Client ID: Run ID: MERCURY_061023A SeqNo: 977711 Prep Date: 10/23/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00518	0.00020	0.005	0	104	85-115	0.00518	0	20	

MS Sample ID: 0610199-02DMS Units: mg/L Analysis Date: 10/23/06 15:26

Client ID: MW-4A Run ID: MERCURY_061023A SeqNo: 977714 Prep Date: 10/23/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00541	0.00020	0.005	0.00002	108	85-115	0			

MSD Sample ID: 0610199-02DMSD Units: mg/L Analysis Date: 10/23/06 15:28

Client ID: MW-4A Run ID: MERCURY_061023A SeqNo: 977715 Prep Date: 10/23/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00548	0.00020	0.005	0.00002	109	85-115	0.00541	1.29	20	

DUP Sample ID: 0610199-02DDUP Units: mg/L Analysis Date: 10/23/06 15:24

Client ID: MW-4A Run ID: MERCURY_061023A SeqNo: 977713 Prep Date: 10/23/2006 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	0.00002	0	20	

The following samples were analyzed in this batch:

0610199-01D	0610199-02D	0610199-03C
0610199-04C	0610199-05C	0610199-08C
0610199-09C	0610199-10C	0610199-11D
0610199-12D	0610199-13D	0610199-14D
0610199-15D	0610199-16C	0610199-17D

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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061017 Units: µg/L Analysis Date: 10/17/06 12:23

Client ID: Run ID: VOA2_061017A SeqNo: 973828 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

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867	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	50.85	5.0	50	0	102	70-125	0	
Surr: 4-Bromofluorobenzene	42.18	5.0	50	0	84.4	72.4-125	0	
Surr: Dibromofluoromethane	43.62	5.0	50	0	87.2	71.2-125	0	
Surr: Toluene-d8	48.5	5.0	50	0	97	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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867 Instrument ID VOA2 Method: SW8260

LCS		Sample ID: VLCSW-061017		Units: µg/L		Analysis Date: 10/17/06 11:33				
Client ID:		Run ID: VOA2_061017A		SeqNo: 973827		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	52.72	5.0	50	0	105	79.6-120	0			
1,1,2,2-Tetrachloroethane	45.28	5.0	50	0	90.6	78.9-121	0			
1,1,2-Trichloroethane	47.31	5.0	50	0	94.6	80-120	0			
1,1-Dichloroethane	53.64	5.0	50	0	107	74.2-122	0			
1,1-Dichloroethene	55.68	5.0	50	0	111	75.8-122	0			
1,2,4-Trimethylbenzene	55.71	5.0	50	0	111	80-120	0			
1,2-Dibromoethane	48.03	5.0	50	0	96.1	80-120	0			
1,2-Dichloroethane	48.99	5.0	50	0	98	78.8-120	0			
1,2-Dichloropropane	49.96	5.0	50	0	99.9	80-120	0			
1,3,5-Trimethylbenzene	55.41	5.0	50	0	111	80-120	0			
2-Butanone	95.6	10	100	0	95.6	69.2-131	0			
2-Hexanone	92.62	10	100	0	92.6	59.1-135	0			
4-Isopropyltoluene	56.56	5.0	50	0	113	80-120	0			
4-Methyl-2-pentanone	97.78	10	100	0	97.8	71.6-124	0			
Acetone	97.04	10	100	0	97	60.1-141	0			
Benzene	53.25	5.0	50	0	107	80-120	0			
Bromodichloromethane	51.76	5.0	50	0	104	80-120	0			
Bromoform	49.34	5.0	50	0	98.7	78.1-120	0			
Bromomethane	60.59	5.0	50	0	121	52.8-147	0			
Carbon disulfide	112.3	10	100	0	112	78.8-120	0			
Carbon tetrachloride	48.23	5.0	50	0	96.5	76.8-120	0			
Chlorobenzene	49.66	5.0	50	0	99.3	80-120	0			
Chloroethane	55.12	5.0	50	0	110	74.2-120	0			
Chloroform	50.22	5.0	50	0	100	80-120	0			
Chloromethane	52.32	5.0	50	0	105	63.5-133	0			
cis-1,2-Dichloroethene	56.6	5.0	50	0	113	80-120	0			
cis-1,3-Dichloropropene	52.9	5.0	50	0	106	80-120	0			
Dibromochloromethane	51.29	5.0	50	0	103	80-120	0			
Ethylbenzene	52.81	5.0	50	0	106	80-120	0			
Isopropylbenzene	50.83	5.0	50	0	102	80-120	0			
m,p-Xylene	105.4	10	100	0	105	80-120	0			
Methyl tert-butyl ether	50.11	5.0	50	0	100	75.8-123	0			
Methylene chloride	54.18	10	50	0	108	74.7-120	0			
n-Butylbenzene	58.45	5.0	50	0	117	80-120	0			
n-Propylbenzene	55.07	5.0	50	0	110	80-120	0			
Naphthalene	47.8	5.0	50	0	95.6	71.4-124	0			
o-Xylene	53.5	5.0	50	0	107	80-120	0			
sec-Butylbenzene	52.27	5.0	50	0	105	80-120	0			
Styrene	54.49	5.0	50	0	109	80-120	0			
Tetrachloroethene	50.42	5.0	50	0	101	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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867		Instrument ID VOA2		Method: SW8260				
Toluene	51.8	5.0	50	0	104	80-120	0	
trans-1,2-Dichloroethene	53.41	5.0	50	0	107	75.9-122	0	
trans-1,3-Dichloropropene	53.09	5.0	50	0	106	80-120	0	
Trichloroethene	50.57	5.0	50	0	101	80-120	0	
Vinyl chloride	56.09	2.0	50	0	112	76.2-121	0	
Xylenes, Total	158.9	15	150	0	106	80-120	0	
Surr: 1,2-Dichloroethane-d4	48.58	5.0	50	0	97.2	70-125	0	
Surr: 4-Bromofluorobenzene	47.31	5.0	50	0	94.6	72.4-125	0	
Surr: Dibromofluoromethane	44.14	5.0	50	0	88.3	71.2-125	0	
Surr: Toluene-d8	47.84	5.0	50	0	95.7	75-125	0	

ND - Not Detected at the Reporting Limit

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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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867 Instrument ID VOA2 Method: SW8260

MS		Sample ID: 0610199-01AMS		Units: µg/L		Analysis Date: 10/17/06 16:10				
Client ID: MW-2A		Run ID: VOA2_061017A		SeqNo: 973836		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	41.14	5.0	50	0	82.3	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.58	5.0	50	0	99.2	78.9-121	0			
1,1,2-Trichloroethane	50	5.0	50	0	100	80-120	0			
1,1-Dichloroethane	47.31	5.0	50	0	94.6	74.2-122	0			
1,1-Dichloroethene	42.72	5.0	50	0	85.4	75.8-122	0			
1,2,4-Trimethylbenzene	44.01	5.0	50	0	88	80-120	0			
1,2-Dibromoethane	50.8	5.0	50	0	102	80-120	0			
1,2-Dichloroethane	51	5.0	50	0	102	78.8-120	0			
1,2-Dichloropropane	49.8	5.0	50	0	99.6	80-120	0			
1,3,5-Trimethylbenzene	43.23	5.0	50	0	86.5	80-120	0			
2-Butanone	96.65	10	100	0	96.7	69.2-131	0			
2-Hexanone	116.5	10	100	0	116	59.1-135	0			
4-Isopropyltoluene	41.85	5.0	50	0	83.7	80-120	0			
4-Methyl-2-pentanone	124.5	10	100	0	124	71.6-124	0			S
Acetone	89.02	10	100	0	89	60.1-141	0			
Benzene	52.61	5.0	50	0.6535	104	80-120	0			
Bromodichloromethane	51.69	5.0	50	0	103	80-120	0			
Bromoform	50.95	5.0	50	0	102	78.1-120	0			
Bromomethane	38.97	5.0	50	0	77.9	52.8-147	0			
Carbon disulfide	90.47	10	100	0	90.5	78.8-120	0			
Carbon tetrachloride	40.03	5.0	50	0	80.1	76.8-120	0			
Chlorobenzene	46.2	5.0	50	0	92.4	80-120	0			
Chloroethane	48.81	5.0	50	0	97.6	74.2-120	0			
Chloroform	44.52	5.0	50	0	89	80-120	0			
Chloromethane	45.91	5.0	50	0	91.8	63.5-133	0			
cis-1,2-Dichloroethene	50.32	5.0	50	0	101	80-120	0			
cis-1,3-Dichloropropene	53.08	5.0	50	0	106	80-120	0			
Dibromochloromethane	51.89	5.0	50	0	104	80-120	0			
Ethylbenzene	45.86	5.0	50	0.4024	90.9	80-120	0			
Isopropylbenzene	40.46	5.0	50	0	80.9	80-120	0			
m,p-Xylene	90.23	10	100	0.3392	89.9	80-120	0			
Methyl tert-butyl ether	50.89	5.0	50	0	102	75.8-123	0			
Methylene chloride	49.44	10	50	0	98.9	74.7-120	0			
n-Butylbenzene	42.82	5.0	50	0	85.6	80-120	0			
n-Propylbenzene	42.81	5.0	50	0	85.6	80-120	0			
Naphthalene	45.11	5.0	50	0	90.2	71.4-124	0			
o-Xylene	46.65	5.0	50	0	93.3	80-120	0			
sec-Butylbenzene	38.48	5.0	50	0	77	80-120	0			S
Styrene	49.24	5.0	50	0	98.5	80-120	0			
Tetrachloroethene	40.43	5.0	50	0	80.9	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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867		Instrument ID VOA2		Method: SW8260				
Toluene	47.93	5.0	50	0	95.9	80-120	0	
trans-1,2-Dichloroethene	45.37	5.0	50	0	90.7	75.9-122	0	
trans-1,3-Dichloropropene	53.33	5.0	50	0	107	80-120	0	
Trichloroethene	45.34	5.0	50	0	90.7	80-120	0	
Vinyl chloride	43.44	2.0	50	0	86.9	76.2-121	0	
Xylenes, Total	136.9	15	150	0.3392	91	80-120	0	
Surr: 1,2-Dichloroethane-d4	46.16	5.0	50	0	92.3	70-125	0	
Surr: 4-Bromofluorobenzene	47.16	5.0	50	0	94.3	72.4-125	0	
Surr: Dibromofluoromethane	40.3	5.0	50	0	80.6	71.2-125	0	
Surr: Toluene-d8	48.09	5.0	50	0	96.2	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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867 Instrument ID VOA2 Method: SW8260

MSD		Sample ID: 0610199-01AMSD			Units: µg/L			Analysis Date: 10/17/06 16:36		
Client ID: MW-2A		Run ID: VOA2_061017A			SeqNo: 973837			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	36.98	5.0	50	0	74	79.6-120	41.14	10.6	20	S
1,1,2,2-Tetrachloroethane	48.05	5.0	50	0	96.1	78.9-121	49.58	3.14	20	
1,1,2-Trichloroethane	48.51	5.0	50	0	97	80-120	50	3.03	20	
1,1-Dichloroethane	44.93	5.0	50	0	89.9	74.2-122	47.31	5.15	20	
1,1-Dichloroethene	38.43	5.0	50	0	76.9	75.8-122	42.72	10.6	20	
1,2,4-Trimethylbenzene	41.83	5.0	50	0	83.7	80-120	44.01	5.07	20	
1,2-Dibromoethane	49.72	5.0	50	0	99.4	80-120	50.8	2.14	20	
1,2-Dichloroethane	49.49	5.0	50	0	99	78.8-120	51	3	20	
1,2-Dichloropropane	47.8	5.0	50	0	95.6	80-120	49.8	4.09	20	
1,3,5-Trimethylbenzene	39.96	5.0	50	0	79.9	80-120	43.23	7.86	20	S
2-Butanone	97.65	10	100	0	97.6	69.2-131	96.65	1.03	20	
2-Hexanone	120.3	10	100	0	120	59.1-135	116.5	3.23	20	
4-Isopropyltoluene	36.26	5.0	50	0	72.5	80-120	41.85	14.3	20	S
4-Methyl-2-pentanone	122.3	10	100	0	122	71.6-124	124.5	1.74	20	
Acetone	89.76	10	100	0	89.8	60.1-141	89.02	0.828	20	
Benzene	49.56	5.0	50	0.6535	97.8	80-120	52.61	5.96	20	
Bromodichloromethane	49.83	5.0	50	0	99.7	80-120	51.69	3.66	20	
Bromoform	51.27	5.0	50	0	103	78.1-120	50.95	0.641	20	
Bromomethane	46.47	5.0	50	0	92.9	52.8-147	38.97	17.6	20	
Carbon disulfide	83.47	10	100	0	83.5	78.8-120	90.47	8.05	20	
Carbon tetrachloride	34.5	5.0	50	0	69	76.8-120	40.03	14.8	20	S
Chlorobenzene	44.5	5.0	50	0	89	80-120	46.2	3.74	20	
Chloroethane	46.24	5.0	50	0	92.5	74.2-120	48.81	5.42	20	
Chloroform	43.24	5.0	50	0	86.5	80-120	44.52	2.93	20	
Chloromethane	42.98	5.0	50	0	86	63.5-133	45.91	6.59	20	
cis-1,2-Dichloroethene	49.52	5.0	50	0	99	80-120	50.32	1.61	20	
cis-1,3-Dichloropropene	51.96	5.0	50	0	104	80-120	53.08	2.14	20	
Dibromochloromethane	50.69	5.0	50	0	101	80-120	51.89	2.34	20	
Ethylbenzene	42.84	5.0	50	0.4024	84.9	80-120	45.86	6.82	20	
Isopropylbenzene	37.16	5.0	50	0	74.3	80-120	40.46	8.51	20	S
m,p-Xylene	85.08	10	100	0.3392	84.7	80-120	90.23	5.87	20	
Methyl tert-butyl ether	50.53	5.0	50	0	101	75.8-123	50.89	0.716	20	
Methylene chloride	49.02	10	50	0	98	74.7-120	49.44	0.862	20	
n-Butylbenzene	35.74	5.0	50	0	71.5	80-120	42.82	18	20	S
n-Propylbenzene	38.49	5.0	50	0	77	80-120	42.81	10.6	20	S
Naphthalene	47.68	5.0	50	0	95.4	71.4-124	45.11	5.54	20	
o-Xylene	44.94	5.0	50	0	89.9	80-120	46.65	3.73	20	
sec-Butylbenzene	33.14	5.0	50	0	66.3	80-120	38.48	14.9	20	S
Styrene	48.47	5.0	50	0	96.9	80-120	49.24	1.58	20	
Tetrachloroethene	35.41	5.0	50	0	70.8	80-120	40.43	13.2	20	S

ND - Not Detected at the Reporting Limit

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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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42867	Instrument ID VOA2			Method: SW8260						
Toluene	44.67	5.0	50	0	89.3	80-120	47.93	7.04	20	
trans-1,2-Dichloroethene	42.54	5.0	50	0	85.1	75.9-122	45.37	6.44	20	
trans-1,3-Dichloropropene	52.93	5.0	50	0	106	80-120	53.33	0.747	20	
Trichloroethene	42.02	5.0	50	0	84	80-120	45.34	7.61	20	
Vinyl chloride	38.97	2.0	50	0	77.9	76.2-121	43.44	10.8	20	
Xylenes, Total	130	15	150	0.3392	86.5	80-120	136.9	5.13	20	
Surr: 1,2-Dichloroethane-d4	43.8	5.0	50	0	87.6	70-125	46.16	5.26	20	
Surr: 4-Bromofluorobenzene	45.4	5.0	50	0	90.8	72.4-125	47.16	3.8	20	
Surr: Dibromofluoromethane	39.11	5.0	50	0	78.2	71.2-125	40.3	2.98	20	
Surr: Toluene-d8	46.3	5.0	50	0	92.6	75-125	48.09	3.79	20	

The following samples were analyzed in this batch:

0610199-01A	0610199-02A	0610199-03A
0610199-04A	0610199-05A	0610199-06A
0610199-07A	0610199-08A	0610199-09A
0610199-10A	0610199-18A	0610199-19A
0610199-22A	0610199-23A	0610199-24A
0610199-25A		

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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911 Instrument ID VOA1 Method: SW8260

MBLK Sample ID: VBLKW-061018 Units: µg/L Analysis Date: 10/18/06 11:56

Client ID: Run ID: VOA1_061018A SeqNo: 975104 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

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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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911	Instrument ID VOA1	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	53.57	5.0 50 0 107 70-125 0
Surr: 4-Bromofluorobenzene	57.11	5.0 50 0 114 72.4-125 0
Surr: Dibromofluoromethane	59.45	5.0 50 0 119 71.2-125 0
Surr: Toluene-d8	59.19	5.0 50 0 118 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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911 Instrument ID VOA1 Method: SW8260

LCS Sample ID: VLCSW-061018 Units: µg/L Analysis Date: 10/18/06 10:59

Client ID: Run ID: VOA1_061018A SeqNo: 975103 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	45.96	5.0	50	0	91.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	53.82	5.0	50	0	108	78.9-121	0			
1,1,2-Trichloroethane	53.59	5.0	50	0	107	80-120	0			
1,1-Dichloroethane	51.64	5.0	50	0	103	74.2-122	0			
1,1-Dichloroethene	47.03	5.0	50	0	94.1	75.8-122	0			
1,2,4-Trimethylbenzene	44.86	5.0	50	0	89.7	80-120	0			
1,2-Dibromoethane	50.82	5.0	50	0	102	80-120	0			
1,2-Dichloroethane	46.17	5.0	50	0	92.3	78.8-120	0			
1,2-Dichloropropane	52.85	5.0	50	0	106	80-120	0			
1,3,5-Trimethylbenzene	44.08	5.0	50	0	88.2	80-120	0			
2-Butanone	111.9	10	100	0	112	69.2-131	0			
2-Hexanone	104.3	10	100	0	104	59.1-135	0			
4-Isopropyltoluene	41.31	5.0	50	0	82.6	80-120	0			
4-Methyl-2-pentanone	108.1	10	100	0	108	71.6-124	0			
Acetone	106.1	10	100	0	106	60.1-141	0			
Benzene	50.19	5.0	50	0	100	80-120	0			
Bromodichloromethane	49.32	5.0	50	0	98.6	80-120	0			
Bromoform	48.5	5.0	50	0	97	78.1-120	0			
Bromomethane	45.77	5.0	50	0	91.5	52.8-147	0			
Carbon disulfide	101.1	10	100	0	101	78.8-120	0			
Carbon tetrachloride	43.13	5.0	50	0	86.3	76.8-120	0			
Chlorobenzene	47.79	5.0	50	0	95.6	80-120	0			
Chloroethane	52.31	5.0	50	0	105	74.2-120	0			
Chloroform	49.27	5.0	50	0	98.5	80-120	0			
Chloromethane	52.46	5.0	50	0	105	63.5-133	0			
cis-1,2-Dichloroethene	51.93	5.0	50	0	104	80-120	0			
cis-1,3-Dichloropropene	51.94	5.0	50	0	104	80-120	0			
Dibromochloromethane	49.65	5.0	50	0	99.3	80-120	0			
Ethylbenzene	46.05	5.0	50	0	92.1	80-120	0			
Isopropylbenzene	42.51	5.0	50	0	85	80-120	0			
m,p-Xylene	92.6	10	100	0	92.6	80-120	0			
Methyl tert-butyl ether	52.49	5.0	50	0	105	75.8-123	0			
Methylene chloride	55.71	10	50	0	111	74.7-120	0			
n-Butylbenzene	41.55	5.0	50	0	83.1	80-120	0			
n-Propylbenzene	44.4	5.0	50	0	88.8	80-120	0			
Naphthalene	48.09	5.0	50	0	96.2	71.4-124	0			
o-Xylene	47.65	5.0	50	0	95.3	80-120	0			
sec-Butylbenzene	41.59	5.0	50	0	83.2	80-120	0			
Styrene	48	5.0	50	0	96	80-120	0			
Tetrachloroethene	41.85	5.0	50	0	83.7	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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911		Instrument ID VOA1		Method: SW8260				
Toluene	48.39	5.0	50	0	96.8	80-120	0	
trans-1,2-Dichloroethene	50.67	5.0	50	0	101	75.9-122	0	
trans-1,3-Dichloropropene	50.56	5.0	50	0	101	80-120	0	
Trichloroethene	46.63	5.0	50	0	93.3	80-120	0	
Vinyl chloride	47.11	2.0	50	0	94.2	76.2-121	0	
Xylenes, Total	140.2	15	150	0	93.5	80-120	0	
Surr: 1,2-Dichloroethane-d4	53.12	5.0	50	0	106	70-125	0	
Surr: 4-Bromofluorobenzene	56.14	5.0	50	0	112	72.4-125	0	
Surr: Dibromofluoromethane	58.97	5.0	50	0	118	71.2-125	0	
Surr: Toluene-d8	59.06	5.0	50	0	118	75-125	0	

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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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911 Instrument ID VOA1 Method: SW8260

MS		Sample ID: 0610199-16AMS		Units: µg/L		Analysis Date: 10/18/06 15:44				
Client ID: MW-18A		Run ID: VOA1_061018A		SeqNo: 975112		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	40.68	5.0	50	0	81.4	79.6-120	0			
1,1,2,2-Tetrachloroethane	58.09	5.0	50	0	116	78.9-121	0			
1,1,2-Trichloroethane	52.15	5.0	50	0	104	80-120	0			
1,1-Dichloroethane	47.45	5.0	50	0	94.9	74.2-122	0			
1,1-Dichloroethene	41.86	5.0	50	0	83.7	75.8-122	0			
1,2,4-Trimethylbenzene	38.29	5.0	50	0.3838	75.8	80-120	0			S
1,2-Dibromoethane	51.35	5.0	50	0	103	80-120	0			
1,2-Dichloroethane	43.9	5.0	50	0	87.8	78.8-120	0			
1,2-Dichloropropane	48.67	5.0	50	0	97.3	80-120	0			
1,3,5-Trimethylbenzene	36.58	5.0	50	0	73.2	80-120	0			S
2-Butanone	130.1	10	100	0	130	69.2-131	0			
2-Hexanone	141.8	10	100	0	142	59.1-135	0			S
4-Isopropyltoluene	32.57	5.0	50	0	65.1	80-120	0			S
4-Methyl-2-pentanone	139	10	100	0	139	71.6-124	0			S
Acetone	121.3	10	100	0	121	60.1-141	0			
Benzene	47.13	5.0	50	1.777	90.7	80-120	0			
Bromodichloromethane	45.71	5.0	50	0	91.4	80-120	0			
Bromoform	50.27	5.0	50	0	101	78.1-120	0			
Bromomethane	37.04	5.0	50	0	74.1	52.8-147	0			
Carbon disulfide	91.54	10	100	0	91.5	78.8-120	0			
Carbon tetrachloride	36.89	5.0	50	0	73.8	76.8-120	0			S
Chlorobenzene	43.56	5.0	50	0	87.1	80-120	0			
Chloroethane	45.75	5.0	50	0	91.5	74.2-120	0			
Chloroform	46.01	5.0	50	0	92	80-120	0			
Chloromethane	43.39	5.0	50	0	86.8	63.5-133	0			
cis-1,2-Dichloroethene	47.86	5.0	50	0	95.7	80-120	0			
cis-1,3-Dichloropropene	48.02	5.0	50	0	96	80-120	0			
Dibromochloromethane	47.95	5.0	50	0	95.9	80-120	0			
Ethylbenzene	41	5.0	50	0.7174	80.6	80-120	0			
Isopropylbenzene	36.06	5.0	50	0	72.1	80-120	0			S
m,p-Xylene	83.16	10	100	0.9708	82.2	80-120	0			
Methyl tert-butyl ether	53.2	5.0	50	0	106	75.8-123	0			
Methylene chloride	49.2	10	50	0	98.4	74.7-120	0			
n-Butylbenzene	31.49	5.0	50	0	63	80-120	0			S
n-Propylbenzene	36.78	5.0	50	0	73.6	80-120	0			S
Naphthalene	49.01	5.0	50	0	98	71.4-124	0			
o-Xylene	42.28	5.0	50	0	84.6	80-120	0			
sec-Butylbenzene	32.41	5.0	50	0	64.8	80-120	0			S
Styrene	29.15	5.0	50	0	58.3	80-120	0			S
Tetrachloroethene	35.89	5.0	50	0	71.8	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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911		Instrument ID VOA1		Method: SW8260			
Toluene	44.3	5.0	50	0.3599	87.9	80-120	0
trans-1,2-Dichloroethene	46.45	5.0	50	0	92.9	75.9-122	0
trans-1,3-Dichloropropene	47.85	5.0	50	0	95.7	80-120	0
Trichloroethene	42.19	5.0	50	0	84.4	80-120	0
Vinyl chloride	42.77	2.0	50	0	85.5	76.2-121	0
Xylenes, Total	125.4	15	150	0.9708	83	80-120	0
Surr: 1,2-Dichloroethane-d4	55.25	5.0	50	0	110	70-125	0
Surr: 4-Bromofluorobenzene	55.97	5.0	50	0	112	72.4-125	0
Surr: Dibromofluoromethane	58.31	5.0	50	0	117	71.2-125	0
Surr: Toluene-d8	58.67	5.0	50	0	117	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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911 Instrument ID VOA1 Method: SW8260

MSD Sample ID: 0610199-16AMSD Units: µg/L Analysis Date: 10/18/06 16:12

Client ID: MW-18A Run ID: VOA1_061018A SeqNo: 975113 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	42.31	5.0	50	0	84.6	79.6-120	40.68	3.94	20	
1,1,2,2-Tetrachloroethane	61.02	5.0	50	0	122	78.9-121	58.09	4.93	20	S
1,1,2-Trichloroethane	54.61	5.0	50	0	109	80-120	52.15	4.61	20	
1,1-Dichloroethane	51.05	5.0	50	0	102	74.2-122	47.45	7.3	20	
1,1-Dichloroethene	43.76	5.0	50	0	87.5	75.8-122	41.86	4.44	20	
1,2,4-Trimethylbenzene	40.65	5.0	50	0.3838	80.5	80-120	38.29	5.99	20	
1,2-Dibromoethane	53.52	5.0	50	0	107	80-120	51.35	4.14	20	
1,2-Dichloroethane	46.24	5.0	50	0	92.5	78.8-120	43.9	5.2	20	
1,2-Dichloropropane	50.89	5.0	50	0	102	80-120	48.67	4.46	20	
1,3,5-Trimethylbenzene	39.88	5.0	50	0	79.8	80-120	36.58	8.65	20	S
2-Butanone	139.4	10	100	0	139	69.2-131	130.1	6.85	20	S
2-Hexanone	143.6	10	100	0	144	59.1-135	141.8	1.25	20	S
4-Isopropyltoluene	34.95	5.0	50	0	69.9	80-120	32.57	7.05	20	S
4-Methyl-2-pentanone	145.7	10	100	0	146	71.6-124	139	4.69	20	S
Acetone	126.8	10	100	0	127	60.1-141	121.3	4.41	20	
Benzene	47.84	5.0	50	1.777	92.1	80-120	47.13	1.49	20	
Bromodichloromethane	47.72	5.0	50	0	95.4	80-120	45.71	4.3	20	
Bromoform	52.33	5.0	50	0	105	78.1-120	50.27	4.02	20	
Bromomethane	43.68	5.0	50	0	87.4	52.8-147	37.04	16.4	20	
Carbon disulfide	93.68	10	100	0	93.7	78.8-120	91.54	2.31	20	
Carbon tetrachloride	39.24	5.0	50	0	78.5	76.8-120	36.89	6.17	20	
Chlorobenzene	45.28	5.0	50	0	90.6	80-120	43.56	3.89	20	
Chloroethane	49.19	5.0	50	0	98.4	74.2-120	45.75	7.24	20	
Chloroform	47.52	5.0	50	0	95	80-120	46.01	3.22	20	
Chloromethane	46.7	5.0	50	0	93.4	63.5-133	43.39	7.33	20	
cis-1,2-Dichloroethene	50.89	5.0	50	0	102	80-120	47.86	6.13	20	
cis-1,3-Dichloropropene	48.58	5.0	50	0	97.2	80-120	48.02	1.16	20	
Dibromochloromethane	49.02	5.0	50	0	98	80-120	47.95	2.22	20	
Ethylbenzene	43.01	5.0	50	0.7174	84.6	80-120	41	4.78	20	
Isopropylbenzene	38.96	5.0	50	0	77.9	80-120	36.06	7.74	20	S
m,p-Xylene	87.43	10	100	0.9708	86.5	80-120	83.16	5.01	20	
Methyl tert-butyl ether	55.84	5.0	50	0	112	75.8-123	53.2	4.84	20	
Methylene chloride	52.49	10	50	0	105	74.7-120	49.2	6.47	20	
n-Butylbenzene	33.9	5.0	50	0	67.8	80-120	31.49	7.37	20	S
n-Propylbenzene	39.55	5.0	50	0	79.1	80-120	36.78	7.26	20	S
Naphthalene	54.25	5.0	50	0	108	71.4-124	49.01	10.1	20	
o-Xylene	45.01	5.0	50	0	90	80-120	42.28	6.26	20	
sec-Butylbenzene	35.41	5.0	50	0	70.8	80-120	32.41	8.85	20	S
Styrene	32.87	5.0	50	0	65.7	80-120	29.15	12	20	S
Tetrachloroethene	38.47	5.0	50	0	76.9	80-120	35.89	6.93	20	S

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

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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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42911	Instrument ID VOA1			Method: SW8260						
Toluene	45.72	5.0	50	0.3599	90.7	80-120	44.3	3.17	20	
trans-1,2-Dichloroethene	49.15	5.0	50	0	98.3	75.9-122	46.45	5.64	20	
trans-1,3-Dichloropropene	49.02	5.0	50	0	98	80-120	47.85	2.42	20	
Trichloroethene	43.23	5.0	50	0	86.5	80-120	42.19	2.43	20	
Vinyl chloride	45.92	2.0	50	0	91.8	76.2-121	42.77	7.12	20	
Xylenes, Total	132.4	15	150	0.9708	87.6	80-120	125.4	5.43	20	
Surr: 1,2-Dichloroethane-d4	55.94	5.0	50	0	112	70-125	55.25	1.24	20	
Surr: 4-Bromofluorobenzene	56.85	5.0	50	0	114	72.4-125	55.97	1.56	20	
Surr: Dibromofluoromethane	60.68	5.0	50	0	121	71.2-125	58.31	3.98	20	
Surr: Toluene-d8	58.47	5.0	50	0	117	75-125	58.67	0.338	20	

The following samples were analyzed in this batch:

0610199-07A	0610199-11A	0610199-12A
0610199-13A	0610199-14A	0610199-15A
0610199-16A	0610199-17A	0610199-26A
0610199-27A	0610199-28A	0610199-29A
0610199-30A		

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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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42657 Instrument ID WetChem Method: E150.1

LCS Sample ID: WLCSW1-101206 Units: pH units Analysis Date: 10/12/06 0:00

Client ID: Run ID: WETCHEM_061012C SeqNo: 969406 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.01	0.10	6	0	100	90-110	0			

DUP Sample ID: 0610199-02EDUP Units: pH units Analysis Date: 10/12/06 0:00

Client ID: MW-4A Run ID: WETCHEM_061012C SeqNo: 969422 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	7.21	0.10	0	0	0	0-0	7.22	0.139	20	H

The following samples were analyzed in this batch:

0610199-01E	0610199-02E	0610199-03D
0610199-04D	0610199-05D	0610199-08D
0610199-09D	0610199-10D	0610199-11E
0610199-12E	0610199-13E	0610199-14E
0610199-15E	0610199-16D	0610199-17E

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42708** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013H** SeqNo: **970523** 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: **WLCSW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013H** SeqNo: **970524** 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)	990.8	5.0	1000	0	99.1	80-120	0			

DUP Sample ID: **0610196-04DDUP** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013H** SeqNo: **970545** 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)	615.4	5.0	0	0	0	0-0	615.4	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)	615.4	5.0	0	0	0	0-0	615.4	0	20	

The following samples were analyzed in this batch:

0610199-01E 0610199-02E 0610199-03D

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42709** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013I** SeqNo: **970546** 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: **WLCSW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013I** SeqNo: **970547** 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)	938.7	5.0	1000	0	93.9	80-120	0			

DUP Sample ID: **0610199-04DDUP** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: **MW-52** Run ID: **WETCHEM_061013I** SeqNo: **970566** 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)	610.2	5.0	0	0	0	0-0	615.4	0.851	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)	610.2	5.0	0	0	0	0-0	615.4	0.851	20	

The following samples were analyzed in this batch:

0610199-04D	0610199-05D	0610199-08D
0610199-09D	0610199-10D	0610199-11E
0610199-12E	0610199-13E	0610199-14E
0610199-15E	0610199-16D	0610199-17E

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42719** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **WBLKW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**
Client ID: Run ID: **BALANCE1_061013D** SeqNo: **970700** 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: **WLCSW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**
Client ID: Run ID: **BALANCE1_061013D** SeqNo: **970701** 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	957	10	1000	0	95.7	85-115	0			

DUP Sample ID: **0610209-01G DUP** Units: **mg/L** Analysis Date: **10/13/06 0:00**
Client ID: Run ID: **BALANCE1_061013D** SeqNo: **970699** 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	3310	10	0	0	0	0-0	3365	1.65	20	

The following samples were analyzed in this batch:

0610199-01E	0610199-02E	0610199-03D
0610199-04D	0610199-05D	0610199-08D
0610199-09D	0610199-10D	0610199-11E
0610199-12E	0610199-13E	0610199-14E
0610199-15E	0610199-16D	0610199-17E

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: 0610199
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43031** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW5-10/15/06** Units: **mg/L** Analysis Date: **10/15/06 16:01**

Client ID: Run ID: **IC201_061015A** SeqNo: **977836** 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)	5.446	0.10	5	0	109	85-115	0			

LCS Sample ID: **WLCSW5-101506/** Units: **mg/L** Analysis Date: **10/15/06 16:22**

Client ID: Run ID: **IC201_061015A** SeqNo: **977837** 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	4.313	0.10	4	0	108	90-110	0			
Sulfate	20.49	1.0	20	0	102	90-110	0			
Surr: Selenate (surr)	4.975	0.10	5	0	99.5	85-115	0			

MS Sample ID: **0610199-03EMS** Units: **mg/L** Analysis Date: **10/15/06 20:02**

Client ID: **KWB-2R** Run ID: **IC201_061015A** SeqNo: **977847** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	363.2	1.0	20	354.4	43.9	80-120	0			SEO
Fluoride	5.206	0.20	4	1.2	100	80-120	0			
Sulfate	223.5	2.0	20	209.7	69	80-120	0			SEO
Surr: Selenate (surr)	9.953	0.20	10	0	99.5	80-120	0			

MSD Sample ID: **0610199-03EMSD** Units: **mg/L** Analysis Date: **10/15/06 21:51**

Client ID: **KWB-2R** Run ID: **IC201_061015A** SeqNo: **977850** Prep Date: DF: **2**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	363	1.0	20	354.4	42.9	80-120	363.2	0.0548	20	SEO
Fluoride	5.195	0.20	4	1.2	99.9	80-120	5.206	0.212	20	
Sulfate	223.4	2.0	20	209.7	68.6	80-120	223.5	0.0282	20	SEO
Surr: Selenate (surr)	9.963	0.20	10	0	99.6	80-120	9.953	0.1	20	

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43031 Instrument ID IC201 Method: E300

DUP Sample ID: 0610199-03EDUP Units: mg/L Analysis Date: 10/15/06 19:40

Client ID: KWB-2R Run ID: IC201_061015A SeqNo: 977846 Prep Date: DF: 2

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	353.7	1.0	0	0	0	0-0	354.4	0.212	20	E
Fluoride	1.197	0.20	0	0	0	0-0	1.2	0.25	20	
Sulfate	209.8	2.0	0	0	0	0-0	209.7	0.0796	20	E
Surr: Selenate (surr)	9.756	0.20	10	0	97.6	80-120	9.721	0.359	20	

DUP Sample ID: 0610199-03EDUP Units: mg/L Analysis Date: 10/16/06 13:55

Client ID: KWB-2R Run ID: IC201_061015A SeqNo: 977864 Prep Date: DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	338.1	5.0	0	0	0	0-0	337.5	0.183	20	
Fluoride	0.913	1.0	0	0	0	0-0	0.905	0	20	J
Sulfate	200.5	10	0	0	0	0-0	200.4	0.0105	20	
Surr: Selenate (surr)	48.77	1.0	50	0	97.5	80-120	48.66	0.23	20	

The following samples were analyzed in this batch:

0610199-01F	0610199-02F	0610199-03E
0610199-04E	0610199-05E	0610199-08E
0610199-09E	0610199-10E	0610199-11F
0610199-12F	0610199-13F	0610199-14F
0610199-15F	0610199-16E	0610199-17F
0610199-20F	0610199-21F	

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: 0610199
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43143** Instrument ID **IC201** Method: **E300**

MBLK	Sample ID: WBLKW1-102506				Units: mg/L			Analysis Date: 10/25/06 7:50		
Client ID:	Run ID: IC201_061025A				SeqNo: 980447		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)	4.791	0.10	5	0	95.8	85-115	0			

LCS	Sample ID: WLC SW1-364-12-				Units: mg/L			Analysis Date: 10/25/06 8:12		
Client ID:	Run ID: IC201_061025A				SeqNo: 980448		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)	8.203	0.10	8	0	103	90-110		0		
Surr: Selenate (surr)	4.98	0.10	5	0	99.6	85-115		0		

MS	Sample ID: 0610199-03FMS				Units: mg/L			Analysis Date: 10/25/06 10:02		
Client ID: KWB-2R		Run ID: IC201_061025A			SeqNo: 980420		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)	16.59	0.50	20	0	83	80-120	0			
Surr: Selenate (surr)	24.52	0.50	25	0	98.1	80-120	0			

MSD	Sample ID: 0610199-03FMSD					Units: mg/L		Analysis Date: 10/25/06 10:24		
Client ID: KWB-2R		Run ID: IC201_061025A			SeqNo: 980421		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)	16.93	0.50	20	0	84.7	80-120	16.59	2.03	20	
Surr: Selenate (surr)	24.52	0.50	25	0	98.1	80-120	24.52	0.0245	20	

DUP	Sample ID: 0610199-03FDUP					Units: mg/L		Analysis Date: 10/25/06 9:40		
Client ID: KWB-2R	Run ID: IC201_061025A				SeqNo: 980452		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)	25.02	0.50	25	0	100	80-120	24.58	1.76	20	

The following samples were analyzed in this batch:

0610199-01G	0610199-02G	0610199-03F
0610199-04F	0610199-05F	0610199-08F
0610199-09F	0610199-10F	0610199-11G
0610199-12G	0610199-13G	0610199-14G
0610199-15G	0610199-16F	0610199-17G

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

Customer Information				Project Information				Parameter/Method Request for Analysis															
Purchase Order	Work Order	Company Name	Send Report To	Project Name	Project Number	Bill To Company	Invoices Attn	Navajo Artesia	VOC 8260 Select:	A	B	C	D	E	F	G	H	I	J	Hold			
		Navajo Refining Company	Darrell Moore			Navajo Refining Company			GRO														
									DRO														
									Arions (Cl, F, SO4.)														
									Arions (NO3, NO2)														
									Total Metal 6020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)														
									TDS, pH, pH														
City/State/Zip	Artesia, NM 88211	City/State/Zip	Artesia, NM 88211	Matrix	H2O	Pres.	12	# Bottles	12	A	X	X	X	X	X	X	X	X	X	X			
Phone	(505) 748-3311	Phone	(505) 748-3311	Time	1540																		
Fax	(505) 748-5421	Fax	(505) 748-5421	Date	10/9/06																		
e-Mail Address		e-Mail Address																					
Sample Description	MW-2A	Date	10/9/06	Time	1540	Matrix	H2O	Pres.	12	# Bottles	12	A	X	X	X	X	X	X	X	X			
	MW-4A		10/9/06		1647								X	X	X	X	X	X	X	X			
	KWB-2A		10/10/06		0735								X	X	X	X	X	X	X	X			
	MW-52		10/10/06		1024								X	X	X	X	X	X	X	X			
	KWB-5				1032								X	X	X	X	X	X	X	X			
	NP-2				1145								X	X	X	X	X	X	X	X			
	NP-1				1302								X	X	X	X	X	X	X	X			
	MW-8				1329								X	X	X	X	X	X	X	X			
	MW-21				1410								X	X	X	X	X	X	X	X			
	NP-6		10/10/06		1440								X	X	X	X	X	X	X	X			
Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600
Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600
Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600
Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	1600	Relinquished by:	D. G. Bary	Date:	10/11/06	Time:	

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Customer Information				Project Information				Parameter/Method Request for Analysis											
Purchase Order Work Order Company Name Send Report To Address City/State/Zip Phone Fax e-Mail Address				Project Name Project Number Bill To Company Invoice Attn Address City/State/Zip Phone Fax e-Mail Address				VOC 8260 Select: A B C D E F G H I J											
Navajo Refining Company Darrell Moore PO Box 159 Artesia, NM 88211 (505) 748-3311 (505) 748-5421				Navajo Artesia Navajo Refining Company Darrell Moore PO Box 159 Artesia, NM 88211 (505) 748-3311 (505) 748-5421				VOC 8260 Select: A B C D E F G H I J											
Sample Description Date Time Matrix Pres. # Bottles				A B C D E F G H I J															
MW-5A 10/10/06 1700 H ₂ O 12, 38 12				X X X X X X X X X X															
MW-7A 10/10/06 1737 12				X X X X X X X X X X															
OCB-7A 10/11/06 0851 12				X X X X X X X X X X															
OCB-6A 0924 1025 12				X X X X X X X X X X															
MW-18A 1120 9				X X X X X X X X X X															
MW-22A 10/11/06 1313 12				X X X X X X X X X X															
Equip. Blank 10/09/06 1715 H ₂ O 1, 8 3				X X X X X X X X X X															
Equip. Blank 10/09/06 1710 H ₂ O 1, 8 3				X X X X X X X X X X															
Duplicate 10/09/06 1600 H ₂ O 12, 38 12				X X X X X X X X X X															
Sample(s) Please Print & Sign Date Time Matrix Pres. # Bottles				A B C D E F G H I J															
Barbora Mayhoffer 10/11/06 1600 H ₂ O 12, 38 12				X X X X X X X X X X															
Date: 10/11/06 Time: 1600 Signature: Barbora Mayhoffer				Date: 10/11/06 Time: 1600 Signature: Barbora Mayhoffer															
Date: 10/11/06 Time: 1600 Signature: Barbora Mayhoffer				Date: 10/11/06 Time: 1600 Signature: Barbora Mayhoffer															
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NOTE: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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10450 Stanchiff Rd. #210
Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

WILLIAMSON LABORATORY

3352 128th Avenue
Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Page 3 of 3

Customer Information				Project Information				e-Lab Project Manager				e-Lab Work Order # 0610199			
Purchase Order	Project Name	Project Number	Navajo Artesia	Parameter/Method Request for Analysis											
Work Order	Project Number	Navajo Refining Company	Darrell Moore	VOC 8260 Select:											
Company Name	Invoice Attn	Address	City/State/Zip	A											
Send Report To	Address	City/State/Zip	Phone	B											
Address	City/State/Zip	Phone	Fax	C											
City/State/Zip	Phone	Fax	e-Mail Address	D											
Sample Description	Date	Time	Matrix	Pres.											
e-Mail Address	Date	Time	Matrix	Pres.											
Duplicate	10/10/06	1745	H ₂ O	12.38	12	X	X	X	X	X	X	X	X		
Field Blank	10/10/06	1451	H ₂ O	1.8	3	X	X	X	X	X	X	X	X		
Equip Blank	10/10/06	1447	H ₂ O	1.8	3	X	X	X	X	X	X	X	X		
Field Blank	10/11/06	1530	H ₂ O	1.8	3	X	X	X	X	X	X	X	X		
Equip Blank	10/11/06	1450	H ₂ O	1.8	3	X	X	X	X	X	X	X	X		
Trip Blanks (5)	-	-	H ₂ O	1.8	10	X	X	X	X	X	X	X	X		
Blanking Method: 504 FA															
Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☐ 5 WK Days ☐ 2 WK Days ☐ 24 Hour															
Results Due Date:															
Notes:															
Received by (Laboratory):															
Received by (Laboratory):															
Checked by (Laboratory):															
Reservative Key: 1-HCl 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₈ 6-NaHSO ₃ 7-Other 8-4°C 9-5035															
QC Package: (Check One Box Below)															
☒ Level II Std QC ☐ Level III Std QC/Raw Data ☐ TRRP Checklist															
☐ Level IV SW846/CLP ☐ Other															

1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

Copyright 2004 by e-Lab Analytical, Inc.

Sample Receipt Checklist

Client Name NAVAJO REFININGDate/Time Received: 10/12/2006 9:11:00 AMWork Order Number 0610199Received by: FSM

Checklist completed by

Signature

Date

Reviewed by

Initials

Date

Matrix: WCarrier 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):

3.2, 3.8, 2.6, 2.9 C002

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:

Cooler # 2059 temp 3.6 C. Duplicate samples did not have time or date of collection on labels. Could not match bottles to COC-Logged in w/o analyses. Coolers 1951, 2066, and 2057 arrived fed-Ex at 09:11. Coolers 2061 and 2050 arrive by Fed-Ex at 11:00

Client contacted _____

Date contacted: _____

Person contacted _____

Contacted by: _____

Regarding: _____

Comments: _____

Corrective Action _____

06/0199

PRIORITY OVERNIGHT

9046 7990 1480 FORM 0201

7099 TX-US

CUSTODY SEAL

Date: 10/11/06 Time: 4:02/16:03

Name: Barbara Mayphoten

Company: SESE

Seal Broken By: 10/12/06

FedEx. PRIORITY OVERNIGHT

emp: 237371-110CT06

9046 7990 1457 FORM 0201

THU 120CT06 A2

CUSTODY SEAL

Date: 10/11/06 Time: 16:05

Name: Barbara Mayphoten

Company: SESE

Seal Broken By: 10/12/06

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5856
Fax. 218.630.5887

FedEx. PRIORITY OVERNIGHT

emp: 254572-120CT06

9046 7990 1479 FORM 0201

THU 120CT06 A2

CUSTODY SEAL

Date: 10/11/06 Time: 4:04/16:04

Name: Barbara Mayphoten

Company: SESE

Seal Broken By: 10/12/06

e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5856
Fax. 218.630.5887

ORIGIN ID: ROWA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E MAIN STREET

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 11OCT06
Act/Wgt: 65.0 LB MAN
System: 185697/CAFE2308
Account: S 113684186

0610199
2059

TO SAMPLE RECEIVING

ELAB

10450 STANCLIFF

HOUSTON, TX 77099

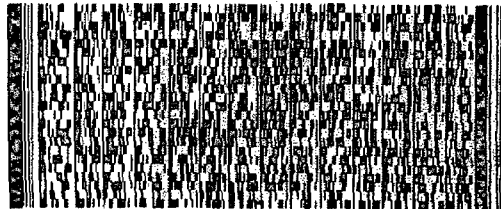
(281) 530-5656

FedEx
Express



REF:
PO:
Inv:

Dept:



Delivery Address
Barcode

BILL RECIPIENT

FedEx

emp: 237371 11OCT06

PRIORITY OVERNIGHT

THU

Deliver By:
12OCT06

A2

9046 7990 1446

IAH



e-Lab Analytical, Inc.

10450 Stancliff Rd, Suite 210
Houston, Texas 77089
Tel. 281.530.5656
Fax. 218.530.5887

Date: 10/11/06
Name: Barbara Mayhoffer
Company: SEI

CUSTODY SEAL

Seal Broken By:

Date: 10/11/06

06/10/99
2001

ORIGIN ID: ROMA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 11OCT06
ActWgt: 70.0 LB MAN
System#: 185697/CAFE2308
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

TO SAMPLE RECEIVING

(281) 530-5656

ELAB
10450 STANCLIFF

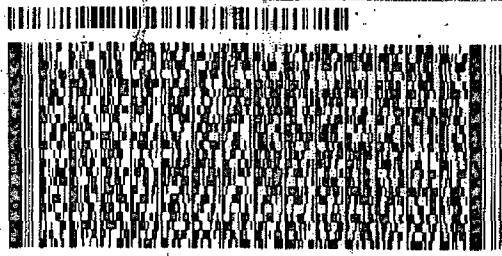
FedEx
Express

HOUSTON, TX 77099



REF:
PO:
Inv:

Dept:



Delivery Address
Barcode

BILL RECIPIENT

PRIORITY OVERNIGHT

THU
Deliver By:
12OCT06

TRK# 9046 7990 1468 Form 0201

TAH 03



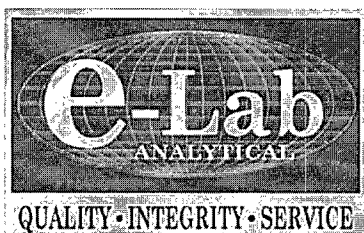
e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 281.530.5887

Date: 10/11/06
Name: B:
Company:

CUSTODY SEAL
Date: 11/06 Time: 4:03 (4:03)
Name: Barbara Mayhew
Company: SEST

Broken By:
Date: 10-12-06





e-Lab Analytical, Inc.

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

October 26, 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 : **0610211**

Dear Darrell Moore,

e-Lab Analytical, Inc. received 8 samples on 10/13/2006 9:10:00 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 47.

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:** 0610211**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>
0610211-01	NP-3	Water		10/12/2006 09:04	10/13/2006 09:10	☐
0610211-02	MW-68	Water		10/12/2006 10:32	10/13/2006 09:10	☐
0610211-03	MW-27	Water		10/12/2006 11:46	10/13/2006 09:10	☐
0610211-04	MW-25	Water		10/12/2006 13:21	10/13/2006 09:10	☐
0610211-05	MW-26	Water		10/12/2006 14:32	10/13/2006 09:10	☐
0610211-06	Field Blank	Water		10/12/2006 14:40	10/13/2006 09:10	☐
0610211-07	Equipment Blank	Water		10/12/2006 14:43	10/13/2006 09:10	☐
0610211-08	Trip Blank 1210	Trip Blank		10/12/2006	10/13/2006 09:10	☐

e-Lab Analytical, Inc.**Date:** *October 26, 2006***CLIENT:** Navajo Refining Company**Project:** Navajo Artesia**Work Order:** 0610211**Case Narrative**

Volatiles (sample NP-3) Surrogate recovery was above the control limits for Dibromofluoromethane (125%). Recovery was biased high and the sample was ND, therefore the data was accepted.

Batch 20329 Metals MS/MSD was an unrelated sample.

Batch R42972 Volatiles LCS recoveries were above the control limits for 1,1-Dichloroethene (150%) and Carbon disulfide (161%). Recoveries were biased high and all associated samples were ND, therefore the data was accepted. MS/MSD was an unrelated sample.

Batch R43128 Anions MS/MSD was an unrelated sample.

e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-01

Client Sample ID: NP-3
Collection Date: 10/12/2006 9:04:00 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	10/18/2006 8:07:00 AM
Surr: 2-Fluorobiphenyl	70.6		60-140	%REC	1	10/18/2006 8:07:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 5:53:40 PM
ICP METALS, TOTAL						
Arsenic	0.0109		0.00500	mg/L	1	10/20/2006 7:08:00 AM
Barium	0.0254		0.00500	mg/L	1	10/20/2006 7:08:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 7:08:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 7:08:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 7:08:00 AM
Magnesium	204		10.0	mg/L	50	10/20/2006 11:48:00 PM
Potassium	4.73		0.200	mg/L	1	10/20/2006 7:08:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 7:08:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 7:08:00 AM
Sodium	172		10.0	mg/L	50	10/20/2006 11:48:00 PM
Vanadium	0.0170		0.00500	mg/L	1	10/20/2006 7:08:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 7:13:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 7:13:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 7:13:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 7:13:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 7:13:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 7:13:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-01

Client Sample ID: NP-3
Collection Date: 10/12/2006 9:04:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 7:13:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 7:13:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 7:13:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 7:13:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 7:13:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	10/19/2006 7:13:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/19/2006 7:13:00 PM
Surr: Dibromofluoromethane	125	S	71.2-125	%REC	1	10/19/2006 7:13:00 PM
Surr: Toluene-d8	117		75-125	%REC	1	10/19/2006 7:13:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300
Analyst: PV

Chloride	212		5.00	mg/L	10	10/17/2006 11:14:00 AM
Fluoride	2.07		0.200	mg/L	2	10/16/2006 10:06:00 PM
Sulfate	1,610		100	mg/L	100	10/17/2006 11:36:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	10/25/2006 4:36:00 PM
Surr: Selenate (surr)	96.9		80-120	%REC	5	10/25/2006 4:36:00 PM
Surr: Selenate (surr)	96.8		80-120	%REC	100	10/17/2006 11:36:00 AM
Surr: Selenate (surr)	96.1		80-120	%REC	10	10/17/2006 11:14:00 AM
Surr: Selenate (surr)	95.1		80-120	%REC	2	10/16/2006 10:06:00 PM

ALKALINITY
E310.1
Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	282		5.00	mg/L	1	10/13/2006
---	------------	--	-------------	-------------	----------	-------------------

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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: NP-3

Work Order: 0610211

Collection Date: 10/12/2006 9:04:00 AM

Project: Navajo Artesia

Lab ID: 0610211-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	282		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: VLB
pH	6.89		0.100	pH units	1	10/13/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	3,020		10.0	mg/L	1	10/16/2006

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

e-Lab Analytical, Inc.

Date: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-02

Client Sample ID: MW-68
Collection Date: 10/12/2006 10:32:00 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	10/18/2006 8:46:00 AM
Surr: 2-Fluorobiphenyl	62.7		60-140	%REC	1	10/18/2006 8:46:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 5:55:41 PM
ICP METALS, TOTAL						
Arsenic	ND		0.00500	mg/L	1	10/20/2006 7:14:00 AM
Barium	0.0100		0.00500	mg/L	1	10/20/2006 7:14:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 7:14:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 7:14:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 7:14:00 AM
Magnesium	177		0.200	mg/L	1	10/20/2006 7:14:00 AM
Potassium	4.22		0.200	mg/L	1	10/20/2006 7:14:00 AM
Selenium	0.00950		0.00500	mg/L	1	10/20/2006 7:14:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 7:14:00 AM
Sodium	192		10.0	mg/L	50	10/20/2006 11:54:00 PM
Vanadium	0.0152		0.00500	mg/L	1	10/20/2006 7:14:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 7:42:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 7:42:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 7:42:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 7:42:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 7:42:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 7:42:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-02

Client Sample ID: MW-68
Collection Date: 10/12/2006 10:32:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 7:42:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 7:42:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 7:42:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 7:42:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 7:42:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	10/19/2006 7:42:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/19/2006 7:42:00 PM
Surr: Dibromofluoromethane	124		71.2-125	%REC	1	10/19/2006 7:42:00 PM
Surr: Toluene-d8	116		75-125	%REC	1	10/19/2006 7:42:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: PV

Chloride	234	5.00	mg/L	10	10/17/2006 11:58:00 AM
Fluoride	2.10	0.200	mg/L	2	10/16/2006 10:28:00 PM
Sulfate	1,400	50.0	mg/L	50	10/25/2006 3:27:00 AM
Nitrate/Nitrite (as N)	1.62	0.500	mg/L	5	10/25/2006 4:58:00 PM
Surr: Selenate (surr)	99.1	80-120	%REC	5	10/25/2006 4:58:00 PM
Surr: Selenate (surr)	95.4	80-120	%REC	10	10/17/2006 11:58:00 AM
Surr: Selenate (surr)	94.4	80-120	%REC	2	10/16/2006 10:28:00 PM
Surr: Selenate (surr)	95.2	80-120	%REC	50	10/25/2006 3:27:00 AM

ALKALINITY
E310.1

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	266	5.00	mg/L	1	10/13/2006
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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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-68

Work Order: 0610211

Collection Date: 10/12/2006 10:32:00 AM

Project: Navajo Artesia

Lab ID: 0610211-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	266		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: VLB
pH	6.94		0.100	pH units	1	10/13/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	2,740		10.0	mg/L	1	10/16/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-03

Client Sample ID: MW-27
Collection Date: 10/12/2006 11:46:00 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	10/18/2006 9:25:00 AM
Surr: 2-Fluorobiphenyl	69.3		60-140	%REC	1	10/18/2006 9:25:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 5:57:41 PM
ICP METALS, TOTAL						
Arsenic	ND		0.00500	mg/L	1	10/20/2006 7:20:00 AM
Barium	0.0166		0.00500	mg/L	1	10/20/2006 7:20:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 7:20:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 7:20:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 7:20:00 AM
Magnesium	112		0.200	mg/L	1	10/20/2006 7:20:00 AM
Potassium	10.7		0.200	mg/L	1	10/20/2006 7:20:00 AM
Selenium	0.00563		0.00500	mg/L	1	10/20/2006 7:20:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 7:20:00 AM
Sodium	166		10.0	mg/L	50	10/21/2006
Vanadium	0.0123		0.00500	mg/L	1	10/20/2006 7:20:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 8:11:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 8:11:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 8:11:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 8:11:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 8:11:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 8:11:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-27

Work Order: 0610211

Collection Date: 10/12/2006 11:46:00 AM

Project: Navajo Artesia

Lab ID: 0610211-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 8:11:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 8:11:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 8:11:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 8:11:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 8:11:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	10/19/2006 8:11:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/19/2006 8:11:00 PM
Surr: Dibromofluoromethane	122		71.2-125	%REC	1	10/19/2006 8:11:00 PM
Surr: Toluene-d8	118		75-125	%REC	1	10/19/2006 8:11:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	235	5.00	mg/L	10	10/25/2006 3:49:00 AM
Fluoride	1.04	0.200	mg/L	2	10/16/2006 10:49:00 PM
Sulfate	1,530	50.0	mg/L	50	10/25/2006 5:17:00 AM
Nitrate/Nitrite (as N)	0.871	0.500	mg/L	5	10/25/2006 6:47:00 PM
Surr: Selenate (surr)	98.7	80-120	%REC	5	10/25/2006 6:47:00 PM
Surr: Selenate (surr)	94.0	80-120	%REC	2	10/16/2006 10:49:00 PM
Surr: Selenate (surr)	96.2	80-120	%REC	50	10/25/2006 5:17:00 AM
Surr: Selenate (surr)	94.6	80-120	%REC	10	10/25/2006 3:49:00 AM

ALKALINITY**E310.1**

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	198	5.00	mg/L	1	10/13/2006
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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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-03

Client Sample ID: MW-27
Collection Date: 10/12/2006 11:46:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	198		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: VLB
pH	6.88		0.100	pH units	1	10/13/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	2,950		10.0	mg/L	1	10/16/2006

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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-25

Work Order: 0610211

Collection Date: 10/12/2006 1:21:00 PM

Project: Navajo Artesia

Lab ID: 0610211-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M		Prep Date: 10/14/2006	Analyst: JFT
TPH (Diesel Range)	ND		0.050	mg/L	1	10/18/2006 10:05:00 AM
Surr: 2-Fluorobiphenyl	75.5		60-140	%REC	1	10/18/2006 10:05:00 AM
MERCURY, TOTAL			SW7470		Prep Date: 10/23/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/23/2006 5:59:42 PM
ICP METALS, TOTAL			SW6020		Prep Date: 10/17/2006	Analyst: ALR
Arsenic	ND		0.00500	mg/L	1	10/20/2006 7:26:00 AM
Barium	0.0163		0.00500	mg/L	1	10/20/2006 7:26:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 7:26:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 7:26:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 7:26:00 AM
Magnesium	169		0.200	mg/L	1	10/20/2006 7:26:00 AM
Potassium	3.95		0.200	mg/L	1	10/20/2006 7:26:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 7:26:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 7:26:00 AM
Sodium	732		20.0	mg/L	100	10/21/2006 12:06:00 AM
Vanadium	0.0122		0.00500	mg/L	1	10/20/2006 7:26:00 AM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 9:06:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 9:06:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 9:06:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 9:06:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 9:06:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 9:06:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-25

Work Order: 0610211

Collection Date: 10/12/2006 1:21:00 PM

Project: Navajo Artesia

Lab ID: 0610211-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 9:06:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 9:06:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 9:06:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 9:06:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 9:06:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	10/19/2006 9:06:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/19/2006 9:06:00 PM
Surr: Dibromofluoromethane	124		71.2-125	%REC	1	10/19/2006 9:06:00 PM
Surr: Toluene-d8	116		75-125	%REC	1	10/19/2006 9:06:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	1,120	25.0	mg/L	50	10/25/2006 5:39:00 AM
Fluoride	0.954	0.200	mg/L	2	10/16/2006 11:11:00 PM
Sulfate	1,420	50.0	mg/L	50	10/25/2006 5:39:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 7:09:00 PM
Surr: Selenate (surr)	98.4	80-120	%REC	5	10/25/2006 7:09:00 PM
Surr: Selenate (surr)	94.2	80-120	%REC	2	10/16/2006 11:11:00 PM
Surr: Selenate (surr)	96.7	80-120	%REC	50	10/25/2006 5:39:00 AM

ALKALINITY**E310.1**

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	183	5.00	mg/L	1	10/13/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/13/2006

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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-25

Work Order: 0610211

Collection Date: 10/12/2006 1:21:00 PM

Project: Navajo Artesia

Lab ID: 0610211-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	183		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: VLB
pH	7.22		0.100	pH units	1	10/13/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	4,030		10.0	mg/L	1	10/16/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-05

Client Sample ID: MW-26
Collection Date: 10/12/2006 2:32:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	10/18/2006 10:45:00 AM
Surr: 2-Fluorobiphenyl	61.0		60-140	%REC	1	10/18/2006 10:45:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/23/2006 6:01:44 PM
ICP METALS, TOTAL						
Arsenic	0.00555		0.00500	mg/L	1	10/20/2006 7:32:00 AM
Barium	0.0192		0.00500	mg/L	1	10/20/2006 7:32:00 AM
Cadmium	ND		0.00200	mg/L	1	10/20/2006 7:32:00 AM
Chromium	ND		0.00500	mg/L	1	10/20/2006 7:32:00 AM
Lead	ND		0.00500	mg/L	1	10/20/2006 7:32:00 AM
Magnesium	348		20.0	mg/L	100	10/21/2006 12:12:00 AM
Potassium	4.81		0.200	mg/L	1	10/20/2006 7:32:00 AM
Selenium	ND		0.00500	mg/L	1	10/20/2006 7:32:00 AM
Silver	ND		0.00500	mg/L	1	10/20/2006 7:32:00 AM
Sodium	322		20.0	mg/L	100	10/21/2006 12:12:00 AM
Vanadium	0.0190		0.00500	mg/L	1	10/20/2006 7:32:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 8:38:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 8:38:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 8:38:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 8:38:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 8:38:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 8:38:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-05

Client Sample ID: MW-26
Collection Date: 10/12/2006 2:32:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 8:38:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 8:38:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 8:38:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 8:38:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 8:38:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	10/19/2006 8:38:00 PM
Surr: 4-Bromofluorobenzene	111		72.4-125	%REC	1	10/19/2006 8:38:00 PM
Surr: Dibromofluoromethane	122		71.2-125	%REC	1	10/19/2006 8:38:00 PM
Surr: Toluene-d8	118		75-125	%REC	1	10/19/2006 8:38:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	452	10.0	mg/L	20	10/25/2006 6:01:00 AM
Fluoride	2.11	0.200	mg/L	2	10/17/2006 1:01:00 AM
Sulfate	2,570	100	mg/L	100	10/25/2006 6:23:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	10/25/2006 7:31:00 PM
Surr: Selenate (surr)	98.5	80-120	%REC	5	10/25/2006 7:31:00 PM
Surr: Selenate (surr)	95.6	80-120	%REC	2	10/17/2006 1:01:00 AM
Surr: Selenate (surr)	97.7	80-120	%REC	100	10/25/2006 6:23:00 AM
Surr: Selenate (surr)	97.6	80-120	%REC	20	10/25/2006 6:01:00 AM

ALKALINITY
E310.1

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	183	5.00	mg/L	1	10/13/2006
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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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-26

Work Order: 0610211

Collection Date: 10/12/2006 2:32:00 PM

Project: Navajo Artesia

Lab ID: 0610211-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/13/2006
Alkalinity, Total (As CaCO ₃)	183		5.00	mg/L	1	10/13/2006
PH			E150.1			Analyst: VLB
pH	7.08		0.100	pH units	1	10/13/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	4,810		10.0	mg/L	1	10/16/2006

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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-06

Client Sample ID: Field Blank
Collection Date: 10/12/2006 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	10/19/2006 12:15:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 12:15:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 12:15:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 12:15:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 12:15:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 12:15:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 12:15:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 12:15:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 12:15:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-06

Client Sample ID: Field Blank
Collection Date: 10/12/2006 2:40:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 12:15:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 12:15:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 12:15:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	10/19/2006 12:15:00 PM
Surr: 4-Bromofluorobenzene	110		72.4-125	%REC	1	10/19/2006 12:15:00 PM
Surr: Dibromofluoromethane	122		71.2-125	%REC	1	10/19/2006 12:15:00 PM
Surr: Toluene-d8	117		75-125	%REC	1	10/19/2006 12:15:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-07

Client Sample ID: Equipment Blank
Collection Date: 10/12/2006 2:43:00 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	10/19/2006 6:18:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 6:18:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 6:18:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 6:18:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 6:18:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 6:18:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 6:18:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 6:18:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 6:18:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-07

Client Sample ID: Equipment Blank
Collection Date: 10/12/2006 2:43:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 6:18:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 6:18:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 6:18:00 PM
Surr: 1,2-Dichloroethane-d4	110		70-125	%REC	1	10/19/2006 6:18:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/19/2006 6:18:00 PM
Surr: Dibromofluoromethane	125		71.2-125	%REC	1	10/19/2006 6:18:00 PM
Surr: Toluene-d8	118		75-125	%REC	1	10/19/2006 6:18:00 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: October 26, 2006

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia
Lab ID: 0610211-08

Client Sample ID: Trip Blank 1210
Collection Date: 10/12/2006
Matrix: TRIP BLANK

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	10/19/2006 6:45:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
2-Butanone	ND		10	µg/L	1	10/19/2006 6:45:00 PM
2-Hexanone	ND		10	µg/L	1	10/19/2006 6:45:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/19/2006 6:45:00 PM
Acetone	ND		10	µg/L	1	10/19/2006 6:45:00 PM
Benzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Bromoform	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Bromomethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Carbon disulfide	ND		10	µg/L	1	10/19/2006 6:45:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Chloroethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Chloroform	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Chloromethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
m,p-Xylene	ND		10	µg/L	1	10/19/2006 6:45:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Methylene chloride	ND		10	µg/L	1	10/19/2006 6:45:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Naphthalene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
o-Xylene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Styrene	ND		5.0	µg/L	1	10/19/2006 6:45:00 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: October 26, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 1210

Work Order: 0610211

Collection Date: 10/12/2006

Project: Navajo Artesia

Lab ID: 0610211-08

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Toluene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/19/2006 6:45:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/19/2006 6:45:00 PM
Xylenes, Total	ND		15	µg/L	1	10/19/2006 6:45:00 PM
Surr: 1,2-Dichloroethane-d4	110		70-125	%REC	1	10/19/2006 6:45:00 PM
Surr: 4-Bromofluorobenzene	112		72.4-125	%REC	1	10/19/2006 6:45:00 PM
Surr: Dibromofluoromethane	124		71.2-125	%REC	1	10/19/2006 6:45:00 PM
Surr: Toluene-d8	117		75-125	%REC	1	10/19/2006 6:45:00 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: Oct 26 2006

CLIENT: Navajo Refining Company

Work Order: 0610211

Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20287 Instrument ID FID-2 Method: SW8015M

MBLK Sample ID: FBLKW2-061014 Units: mg/L Analysis Date: 10/18/06 6:09

Client ID: Run ID: FID-2_061014B SeqNo: 979988 Prep Date: 10/14/2006 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	0.06327	0.010	0.1	0	63.3	60-140	0			

LCS Sample ID: FLCSW2-061014 Units: mg/L Analysis Date: 10/18/06 6:48

Client ID: Run ID: FID-2_061014B SeqNo: 979989 Prep Date: 10/14/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.8308	0.050	1	0	83.1	60-140	0			
Surr: 2-Fluorobiphenyl	0.09292	0.010	0.1	0	92.9	60-140	0			

LCSD Sample ID: FLCSDW2-061014 Units: mg/L Analysis Date: 10/18/06 7:27

Client ID: Run ID: FID-2_061014B SeqNo: 979990 Prep Date: 10/14/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.799	0.050	1	0	79.9	60-140	0.8308	3.9	20	
Surr: 2-Fluorobiphenyl	0.0841	0.010	0.1	0	84.1	60-140	0.09292	9.97	20	

The following samples were analyzed in this batch:

0610211-01B	0610211-02B	0610211-03B
0610211-04B	0610211-05B	

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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20329 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW4-101706 Units: mg/L Analysis Date: 10/20/06 21:15

Client ID: Run ID: ICPMS02_061020A SeqNo: 977239 Prep Date: 10/17/2006 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	0.0006114	0.0050								J
Cadmium	0.0004357	0.0020								J
Chromium	0.001013	0.0050								J
Lead	0.0005456	0.0050								J
Magnesium	0.06	0.20								J
Potassium	0.05859	0.20								J
Selenium	ND	0.0050								
Silver	0.000486	0.0050								J
Sodium	0.05523	0.20								J
Vanadium	0.001473	0.0050								J

LCS Sample ID: MLCSW4-101706 Units: mg/L Analysis Date: 10/20/06 21:21

Client ID: Run ID: ICPMS02_061020A SeqNo: 977240 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04796	0.0050	0.05	0	95.9	80-121	0			
Barium	0.04943	0.0050	0.05	0	98.9	79.8-119	0			
Cadmium	0.05077	0.0020	0.05	0	102	79.1-119	0			
Chromium	0.04728	0.0050	0.05	0	94.6	79.3-121	0			
Lead	0.04938	0.0050	0.05	0	98.8	80-118	0			
Magnesium	4.831	0.20	5	0	96.6	80-120	0			
Potassium	4.912	0.20	5	0	98.2	80-120	0			
Selenium	0.05137	0.0050	0.05	0	103	79.2-118	0			
Silver	0.04878	0.0050	0.05	0	97.6	80-117	0			
Sodium	4.831	0.20	5	0	96.6	80.6-119	0			
Vanadium	0.04743	0.0050	0.05	0	94.9	82.1-119	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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20329 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0610199-01DMS Units: mg/L Analysis Date: 10/20/06 3:40

Client ID: Run ID: ICPMS02_061019A SeqNo: 976052 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.09529	0.0050	0.05	0.04323	104	80-121	0			
Barium	0.07143	0.0050	0.05	0.01999	103	79.8-119	0			
Cadmium	0.04379	0.0020	0.05	0.0001724	87.2	79.1-119	0			
Chromium	0.05189	0.0050	0.05	0.002344	99.1	79.3-121	0			
Lead	0.05325	0.0050	0.05	0.0003439	106	80-118	0			
Magnesium	597.5	0.20	5	554.3	864	80-120	0			SEO
Potassium	12.59	0.20	5	7.098	110	80-120	0			
Selenium	0.05453	0.0050	0.05	0.004335	100	79.2-118	0			
Silver	0.04532	0.0050	0.05	-0.0001566	91	80-117	0			
Sodium	ND	0.20	5	0	0	80.6-119	0			SX
Vanadium	0.0547	0.0050	0.05	0.001079	107	82.1-119	0			

MSD Sample ID: 0610199-01DMSD Units: mg/L Analysis Date: 10/20/06 3:46

Client ID: Run ID: ICPMS02_061019A SeqNo: 976054 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.09466	0.0050	0.05	0.04323	103	80-121	0.09529	0.663	15	
Barium	0.07104	0.0050	0.05	0.01999	102	79.8-119	0.07143	0.547	15	
Cadmium	0.0448	0.0020	0.05	0.0001724	89.3	79.1-119	0.04379	2.28	15	
Chromium	0.05303	0.0050	0.05	0.002344	101	79.3-121	0.05189	2.17	15	
Lead	0.05519	0.0050	0.05	0.0003439	110	80-118	0.05325	3.58	15	
Magnesium	611.7	0.20	5	554.3	1150	80-120	597.5	2.35	15	SEO
Potassium	12.88	0.20	5	7.098	116	80-120	12.59	2.28	15	
Selenium	0.05436	0.0050	0.05	0.004335	100	79.2-118	0.05453	0.312	15	
Silver	0.04522	0.0050	0.05	-0.0001566	90.8	80-117	0.04532	0.221	15	
Sodium	ND	0.20	5	0	0	80.6-119	0	0	15	SX
Vanadium	0.05495	0.0050	0.05	0.001079	108	82.1-119	0.0547	0.456	15	

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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20329 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0610199-01DDUP Units: mg/L Analysis Date: 10/20/06 3:28

Client ID: Run ID: ICPMS02_061019A SeqNo: 976047 Prep Date: 10/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.04204	0.0050	0	0	0	0-0	0.04323	2.79	25	
Barium	0.01877	0.0050	0	0	0	0-0	0.01999	6.3	25	
Cadmium	0.0001602	0.0020	0	0	0	0-0	0.0001724	0	25	J
Chromium	0.002278	0.0050	0	0	0	0-0	0.002344	0	25	J
Lead	0.0003565	0.0050	0	0	0	0-0	0.0003439	0	25	J
Potassium	7.176	0.20	0	0	0	0-0	7.098	1.09	25	
Selenium	0.00432	0.0050	0	0	0	0-0	0.004335	0	25	J
Silver	ND	0.0050	0	0	0	0-0	-0.0001566	0	25	
Vanadium	0.001035	0.0050	0	0	0	0-0	0.001079	0	25	J

DUP Sample ID: 0610199-01DDUP Units: mg/L Analysis Date: 10/20/06 21:33

Client ID: Run ID: ICPMS02_061020A SeqNo: 977242 Prep Date: 10/17/2006 DF: 100

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Magnesium	574.3	20	0	0	0	0-0	621.9	7.96	25	
Sodium	3735	20	0	0	0	0-0	4084	8.93	25	

The following samples were analyzed in this batch:

0610211-01C	0610211-02C	0610211-03C
0610211-04C	0610211-05C	

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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20413 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW2-102306 Units: mg/L Analysis Date: 10/23/06 17:03

Client ID: Run ID: MERCURY_061023B SeqNo: 977912 Prep Date: 10/23/2006 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: GLCSW2-102306 Units: mg/L Analysis Date: 10/23/06 17:05

Client ID: Run ID: MERCURY_061023B SeqNo: 977913 Prep Date: 10/23/2006 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			

LCSD Sample ID: GLCSDW2-102306 Units: mg/L Analysis Date: 10/23/06 17:07

Client ID: Run ID: MERCURY_061023B SeqNo: 977914 Prep Date: 10/23/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0052	0.00020	0.005	0	104	85-115	0.00523	0.575	20	

MS Sample ID: 0610293-11GMS Units: mg/L Analysis Date: 10/23/06 17:13

Client ID: Run ID: MERCURY_061023B SeqNo: 977917 Prep Date: 10/23/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00538	0.00020	0.005	-0.000005	108	85-115	0			

MSD Sample ID: 0610293-11GMSD Units: mg/L Analysis Date: 10/23/06 17:15

Client ID: Run ID: MERCURY_061023B SeqNo: 977918 Prep Date: 10/23/2006 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	-0.000005	106	85-115	0.00538	1.12	20	

DUP Sample ID: 0610293-11GDUP Units: mg/L Analysis Date: 10/23/06 17:11

Client ID: Run ID: MERCURY_061023B SeqNo: 977916 Prep Date: 10/23/2006 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	-0.000005	0	20	

The following samples were analyzed in this batch:

0610211-01C	0610211-02C	0610211-03C
0610211-04C	0610211-05C	

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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42972** Instrument ID **VOA1** Method: **SW8260**

MBLK		Sample ID: VLKW-061019		Units: µg/L		Analysis Date: 10/19/06 11:47				
Client ID:		Run ID: VOA1_061019A		SeqNo: 976600		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

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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972	Instrument ID VOA1	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	53.06	5.0	50	0	106	70-125	0	
Surr: 4-Bromofluorobenzene	56.37	5.0	50	0	113	72.4-125	0	
Surr: Dibromofluoromethane	60.37	5.0	50	0	121	71.2-125	0	
Surr: Toluene-d8	58.1	5.0	50	0	116	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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972 Instrument ID VOA1 Method: SW8260

LCS Sample ID: VLCSW-061019 Units: µg/L Analysis Date: 10/19/06 10:50

Client ID: Run ID: VOA1_061019A SeqNo: 976599 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	49.95	5.0	50	0	99.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.95	5.0	50	0	97.9	78.9-121	0			
1,1,2-Trichloroethane	50.27	5.0	50	0	101	80-120	0			
1,1-Dichloroethane	54.28	5.0	50	0	109	74.2-122	0			
1,1-Dichloroethene	74.84	5.0	50	0	150	75.8-122	0			S
1,2,4-Trimethylbenzene	47.19	5.0	50	0	94.4	80-120	0			
1,2-Dibromoethane	47.59	5.0	50	0	95.2	80-120	0			
1,2-Dichloroethane	45.55	5.0	50	0	91.1	78.8-120	0			
1,2-Dichloropropane	51.84	5.0	50	0	104	80-120	0			
1,3,5-Trimethylbenzene	47.25	5.0	50	0	94.5	80-120	0			
2-Butanone	106.2	10	100	0	106	69.2-131	0			
2-Hexanone	91.9	10	100	0	91.9	59.1-135	0			
4-Isopropyltoluene	46.11	5.0	50	0	92.2	80-120	0			
4-Methyl-2-pentanone	98.02	10	100	0	98	71.6-124	0			
Acetone	119.3	10	100	0	119	60.1-141	0			
Benzene	49.59	5.0	50	0	99.2	80-120	0			
Bromodichloromethane	47.82	5.0	50	0	95.6	80-120	0			
Bromoform	46.3	5.0	50	0	92.6	78.1-120	0			
Bromomethane	56.78	5.0	50	0	114	52.8-147	0			
Carbon disulfide	160.7	10	100	0	161	78.8-120	0			S
Carbon tetrachloride	45.89	5.0	50	0	91.8	76.8-120	0			
Chlorobenzene	48.13	5.0	50	0	96.3	80-120	0			
Chloroethane	56.25	5.0	50	0	112	74.2-120	0			
Chloroform	51.4	5.0	50	0	103	80-120	0			
Chloromethane	54.7	5.0	50	0	109	63.5-133	0			
cis-1,2-Dichloroethene	54.06	5.0	50	0	108	80-120	0			
cis-1,3-Dichloropropene	50.81	5.0	50	0	102	80-120	0			
Dibromochloromethane	47.7	5.0	50	0	95.4	80-120	0			
Ethylbenzene	46.91	5.0	50	0	93.8	80-120	0			
Isopropylbenzene	46.2	5.0	50	0	92.4	80-120	0			
m,p-Xylene	95.46	10	100	0	95.5	80-120	0			
Methyl tert-butyl ether	52.72	5.0	50	0	105	75.8-123	0			
Methylene chloride	54.88	10	50	0	110	74.7-120	0			
n-Butylbenzene	46.21	5.0	50	0	92.4	80-120	0			
n-Propylbenzene	48.48	5.0	50	0	97	80-120	0			
Naphthalene	44.87	5.0	50	0	89.7	71.4-124	0			
o-Xylene	49.12	5.0	50	0	98.2	80-120	0			
sec-Butylbenzene	46.89	5.0	50	0	93.8	80-120	0			
Styrene	48.78	5.0	50	0	97.6	80-120	0			
Tetrachloroethene	45.66	5.0	50	0	91.3	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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972		Instrument ID VOA1		Method: SW8260			
Toluene	48.81	5.0	50	0	97.6	80-120	0
trans-1,2-Dichloroethene	55.13	5.0	50	0	110	75.9-122	0
trans-1,3-Dichloropropene	47.51	5.0	50	0	95	80-120	0
Trichloroethene	47.48	5.0	50	0	95	80-120	0
Vinyl chloride	53.75	2.0	50	0	108	76.2-121	0
Xylenes, Total	144.6	15	150	0	96.4	80-120	0
Surr: 1,2-Dichloroethane-d4	54.98	5.0	50	0	110	70-125	0
Surr: 4-Bromofluorobenzene	55.68	5.0	50	0	111	72.4-125	0
Surr: Dibromofluoromethane	61.44	5.0	50	0	123	71.2-125	0
Surr: Toluene-d8	58.35	5.0	50	0	117	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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972 Instrument ID VOA1 Method: SW8260

MS Sample ID: 0610179-05AMS Units: µg/L Analysis Date: 10/19/06 16:53

Client ID: Run ID: VOA1_061019A SeqNo: 976603 Prep Date: DF: 200

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	8352	1,000	10000	0	83.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	9935	1,000	10000	0	99.4	78.9-121	0			
1,1,2-Trichloroethane	10410	1,000	10000	0	104	80-120	0			
1,1-Dichloroethane	11040	1,000	10000	0	110	74.2-122	0			
1,1-Dichloroethene	12180	1,000	10000	0	122	75.8-122	0			
1,2,4-Trimethylbenzene	8293	1,000	10000	262.6	80.3	80-120	0			
1,2-Dibromoethane	9730	1,000	10000	0	97.3	80-120	0			
1,2-Dichloroethane	9296	1,000	10000	0	93	78.8-120	0			
1,2-Dichloropropane	10090	1,000	10000	0	101	80-120	0			
1,3,5-Trimethylbenzene	8061	1,000	10000	0	80.6	80-120	0			
2-Butanone	21560	2,000	20000	0	108	69.2-131	0			
2-Hexanone	18380	2,000	20000	0	91.9	59.1-135	0			
4-Isopropyltoluene	7425	1,000	10000	0	74.3	80-120	0			S
4-Methyl-2-pentanone	20640	2,000	20000	0	103	71.6-124	0			
Acetone	23290	2,000	20000	0	116	60.1-141	0			
Benzene	9776	1,000	10000	783.8	89.9	80-120	0			
Bromodichloromethane	9810	1,000	10000	0	98.1	80-120	0			
Bromoform	9295	1,000	10000	0	92.9	78.1-120	0			
Bromomethane	10270	1,000	10000	0	103	52.8-147	0			
Carbon disulfide	27530	2,000	20000	0	138	78.8-120	0			S
Carbon tetrachloride	7177	1,000	10000	0	71.8	76.8-120	0			S
Chlorobenzene	9218	1,000	10000	0	92.2	80-120	0			
Chloroethane	10090	1,000	10000	0	101	74.2-120	0			
Chloroform	10250	1,000	10000	0	103	80-120	0			
Chloromethane	9892	1,000	10000	0	98.9	63.5-133	0			
cis-1,2-Dichloroethene	11040	1,000	10000	355.7	107	80-120	0			
cis-1,3-Dichloropropene	10080	1,000	10000	0	101	80-120	0			
Dibromochloromethane	9586	1,000	10000	0	95.9	80-120	0			
Ethylbenzene	8531	1,000	10000	235.9	83	80-120	0			
Isopropylbenzene	30860	1,000	10000	22290	85.8	80-120	0			
m,p-Xylene	17240	2,000	20000	441.3	84	80-120	0			
Methyl tert-butyl ether	10640	1,000	10000	0	106	75.8-123	0			
Methylene chloride	10960	2,000	10000	0	110	74.7-120	0			
n-Butylbenzene	7203	1,000	10000	0	72	80-120	0			S
n-Propylbenzene	7906	1,000	10000	92.13	78.1	80-120	0			S
Naphthalene	8400	1,000	10000	1395	70	71.4-124	0			S
o-Xylene	8915	1,000	10000	0	89.2	80-120	0			
sec-Butylbenzene	7103	1,000	10000	0	71	80-120	0			S
Styrene	9229	1,000	10000	0	92.3	80-120	0			
Tetrachloroethene	7441	1,000	10000	0	74.4	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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972		Instrument ID VOA1		Method: SW8260				
Toluene	9294	1,000	10000	152.9	91.4	80-120	0	
trans-1,2-Dichloroethene	10380	1,000	10000	0	104	75.9-122	0	
trans-1,3-Dichloropropene	9735	1,000	10000	0	97.3	80-120	0	
Trichloroethene	8818	1,000	10000	0	88.2	80-120	0	
Vinyl chloride	8626	400	10000	0	86.3	76.2-121	0	
Xylenes, Total	26150	3,000	30000	441.3	85.7	80-120	0	
Surr: 1,2-Dichloroethane-d4	11090	1,000	10000	0	111	70-125	0	
Surr: 4-Bromofluorobenzene	11050	1,000	10000	0	110	72.4-125	0	
Surr: Dibromofluoromethane	12600	1,000	10000	0	126	71.2-125	0	S
Surr: Toluene-d8	11760	1,000	10000	0	118	75-125	0	

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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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972 Instrument ID VOA1 Method: SW8260

MSD	Sample ID: 0610179-05AMSD				Units: µg/L			Analysis Date: 10/19/06 17:21		
Client ID:	Run ID: VOA1_061019A				SeqNo: 976604		Prep Date:		DF: 200	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	8934	1,000	10000	0	89.3	79.6-120	8352	6.74	20	
1,1,2,2-Tetrachloroethane	9989	1,000	10000	0	99.9	78.9-121	9935	0.54	20	
1,1,2-Trichloroethane	10280	1,000	10000	0	103	80-120	10410	1.27	20	
1,1-Dichloroethane	10810	1,000	10000	0	108	74.2-122	11040	2.12	20	
1,1-Dichloroethene	13590	1,000	10000	0	136	75.8-122	12180	10.9	20	S
1,2,4-Trimethylbenzene	8142	1,000	10000	262.6	78.8	80-120	8293	1.84	20	S
1,2-Dibromoethane	9654	1,000	10000	0	96.5	80-120	9730	0.784	20	
1,2-Dichloroethane	9003	1,000	10000	0	90	78.8-120	9296	3.2	20	
1,2-Dichloropropane	10250	1,000	10000	0	102	80-120	10090	1.55	20	
1,3,5-Trimethylbenzene	8218	1,000	10000	0	82.2	80-120	8061	1.93	20	
2-Butanone	21680	2,000	20000	0	108	69.2-131	21560	0.549	20	
2-Hexanone	18630	2,000	20000	0	93.2	59.1-135	18380	1.35	20	
4-Isopropyltoluene	7745	1,000	10000	0	77.4	80-120	7425	4.21	20	S
4-Methyl-2-pentanone	19780	2,000	20000	0	98.9	71.6-124	20640	4.24	20	
Acetone	22810	2,000	20000	0	114	60.1-141	23290	2.09	20	
Benzene	9815	1,000	10000	783.8	90.3	80-120	9776	0.394	20	
Bromodichloromethane	9681	1,000	10000	0	96.8	80-120	9810	1.32	20	
Bromoform	9476	1,000	10000	0	94.8	78.1-120	9295	1.93	20	
Bromomethane	10710	1,000	10000	0	107	52.8-147	10270	4.21	20	
Carbon disulfide	29550	2,000	20000	0	148	78.8-120	27530	7.06	20	S
Carbon tetrachloride	7994	1,000	10000	0	79.9	76.8-120	7177	10.8	20	
Chlorobenzene	9203	1,000	10000	0	92	80-120	9218	0.162	20	
Chloroethane	10460	1,000	10000	0	105	74.2-120	10090	3.62	20	
Chloroform	10010	1,000	10000	0	100	80-120	10250	2.39	20	
Chloromethane	10470	1,000	10000	0	105	63.5-133	9892	5.68	20	
cis-1,2-Dichloroethene	10790	1,000	10000	355.7	104	80-120	11040	2.23	20	
cis-1,3-Dichloropropene	9964	1,000	10000	0	99.6	80-120	10080	1.14	20	
Dibromochloromethane	9608	1,000	10000	0	96.1	80-120	9586	0.23	20	
Ethylbenzene	8940	1,000	10000	235.9	87	80-120	8531	4.68	20	
Isopropylbenzene	31430	1,000	10000	22290	91.4	80-120	30860	1.8	20	
m,p-Xylene	17840	2,000	20000	441.3	87	80-120	17240	3.47	20	
Methyl tert-butyl ether	10350	1,000	10000	0	104	75.8-123	10640	2.67	20	
Methylene chloride	10660	2,000	10000	0	107	74.7-120	10960	2.76	20	
n-Butylbenzene	7693	1,000	10000	0	76.9	80-120	7203	6.57	20	S
n-Propylbenzene	8274	1,000	10000	92.13	81.8	80-120	7906	4.56	20	
Naphthalene	8126	1,000	10000	1395	67.3	71.4-124	8400	3.32	20	S
o-Xylene	9038	1,000	10000	0	90.4	80-120	8915	1.37	20	
sec-Butylbenzene	7715	1,000	10000	0	77.1	80-120	7103	8.25	20	S
Styrene	9259	1,000	10000	0	92.6	80-120	9229	0.325	20	
Tetrachloroethene	7990	1,000	10000	0	79.9	80-120	7441	7.11	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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R42972	Instrument ID VOA1		Method: SW8260							
Toluene	9410	1,000	10000	152.9	92.6	80-120	9294	1.25	20	
trans-1,2-Dichloroethene	10740	1,000	10000	0	107	75.9-122	10380	3.43	20	
trans-1,3-Dichloropropene	9712	1,000	10000	0	97.1	80-120	9735	0.231	20	
Trichloroethene	9025	1,000	10000	0	90.2	80-120	8818	2.32	20	
Vinyl chloride	9688	400	10000	0	96.9	76.2-121	8626	11.6	20	
Xylenes, Total	26880	3,000	30000	441.3	88.1	80-120	26150	2.76	20	
Surr: 1,2-Dichloroethane-d4	10880	1,000	10000	0	109	70-125	11090	1.93	20	
Surr: 4-Bromofluorobenzene	11280	1,000	10000	0	113	72.4-125	11050	2.12	20	
Surr: Dibromofluoromethane	12260	1,000	10000	0	123	71.2-125	12600	2.72	20	
Surr: Toluene-d8	11790	1,000	10000	0	118	75-125	11760	0.258	20	

The following samples were analyzed in this batch:

0610211-01A	0610211-02A	0610211-03A
0610211-04A	0610211-05A	0610211-06A
0610211-07A	0610211-08A	

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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42694** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-101306** Units: **pH units** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013D** SeqNo: **970259** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.01	0.10	6	0	100	90-110	0			

DUP Sample ID: **0610211-01D DUP** Units: **pH units** Analysis Date: **10/13/06 0:00**

Client ID: **NP-3** Run ID: **WETCHEM_061013D** SeqNo: **970268** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.92	0.10	0	0	0	0-0	6.89	0.434	20	

The following samples were analyzed in this batch:

0610211-01D	0610211-02D	0610211-03D
0610211-04D	0610211-05D	

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

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E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42708** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013H** SeqNo: **970523** 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: **WLCSW1-101306** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013H** SeqNo: **970524** 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)	990.8	5.0	1000	0	99.1	80-120	0			

DUP Sample ID: **0610196-04DDUP** Units: **mg/L** Analysis Date: **10/13/06 0:00**

Client ID: Run ID: **WETCHEM_061013H** SeqNo: **970545** 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)	615.4	5.0	0	0	0	0-0	615.4	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)	615.4	5.0	0	0	0	0-0	615.4	0	20	

The following samples were analyzed in this batch:

0610211-01D	0610211-02D	0610211-03D
0610211-04D	0610211-05D	

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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42807** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **WBLKW1** Units: **mg/L** Analysis Date: **10/16/06 0:00**

Client ID: Run ID: **BALANCE1_061016B** SeqNo: **972679** 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: **WLCSW1** Units: **mg/L** Analysis Date: **10/16/06 0:00**

Client ID: Run ID: **BALANCE1_061016B** SeqNo: **972682** 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	1001	10	1000	0	100	85-115	0			

DUP Sample ID: **0610211-01D DUP** Units: **mg/L** Analysis Date: **10/16/06 0:00**

Client ID: **NP-3** Run ID: **BALANCE1_061016B** SeqNo: **972640** 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	3002	10	0	0	0	0-0	3021	0.631	20	

The following samples were analyzed in this batch:

0610211-01D	0610211-02D	0610211-03D
0610211-04D	0610211-05D	

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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43035** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW6-101606** Units: **mg/L** Analysis Date: **10/16/06 19:10**

Client ID: Run ID: **IC201_061016A** SeqNo: **977973** 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)	4.967	0.10	5	0	99.3	85-115	0			

LCS Sample ID: **WLCSW6-101606/** Units: **mg/L** Analysis Date: **10/16/06 19:32**

Client ID: Run ID: **IC201_061016A** SeqNo: **977974** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.75	0.50	20	0	104	90-110	0			
Fluoride	4.332	0.10	4	0	108	90-110	0			
Sulfate	20.59	1.0	20	0	103	90-110	0			
Surr: Selenate (surr)	4.967	0.10	5	0	99.3	85-115	0			

MS Sample ID: **0610253-01BMS** Units: **mg/L** Analysis Date: **10/16/06 20:38**

Client ID: Run ID: **IC201_061016A** SeqNo: **977977** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	42.81	0.50	10	32.98	98.4	80-120	0			
Fluoride	2.349	0.10	2	0.099	112	80-120	0			
Sulfate	11.87	1.0	10	1.634	102	80-120	0			
Surr: Selenate (surr)	4.759	0.10	5	0	95.2	80-120	0			

MSD Sample ID: **0610253-01BMSD** Units: **mg/L** Analysis Date: **10/16/06 21:00**

Client ID: Run ID: **IC201_061016A** SeqNo: **977978** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	42.55	0.50	10	32.98	95.7	80-120	42.81	0.623	20	
Fluoride	2.334	0.10	2	0.099	112	80-120	2.349	0.641	20	
Sulfate	11.87	1.0	10	1.634	102	80-120	11.87	0.0505	20	
Surr: Selenate (surr)	4.737	0.10	5	0	94.7	80-120	4.759	0.463	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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43035** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0610253-01BDUP** Units: **mg/L** Analysis Date: **10/16/06 20:16**

Client ID: Run ID: **IC201_061016A** SeqNo: **977976** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	32.94	0.50	0	0	0	0-0	32.98	0.0971	20	
Fluoride	0.097	0.10	0	0	0	0-0	0.099	0	20	J
Sulfate	1.622	1.0	0	0	0	0-0	1.634	0.737	20	
Surr: Selenate (surr)	4.81	0.10	5	0	96.2	80-120	4.81	0	20	

The following samples were analyzed in this batch:

0610211-01E	0610211-02E	0610211-03E
0610211-04E	0610211-05E	

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: 0610211
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43128** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-102406** Units: **mg/L** Analysis Date: **10/24/06 15:02**

Client ID: Run ID: **IC201_061024A** SeqNo: **980022** 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								
Sulfate	ND	1.0								
Surr: Selenate (surr)	4.852	0.10	5	0	97	85-115	0			

LCS Sample ID: **WLCSW1-364-12-** Units: **mg/L** Analysis Date: **10/24/06 15:24**

Client ID: Run ID: **IC201_061024A** SeqNo: **980023** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	19.91	0.50	20	0	99.6	90-110	0			
Sulfate	19.81	1.0	20	0	99	90-110	0			
Surr: Selenate (surr)	5.049	0.10	5	0	101	85-115	0			

MS Sample ID: **0610391-01EMS** Units: **mg/L** Analysis Date: **10/24/06 18:20**

Client ID: Run ID: **IC201_061024A** SeqNo: **980030** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	204.1	0.50	10	196.4	76.3	80-120	0			SEO
Sulfate	137.4	1.0	10	130.5	68.8	80-120	0			SEO
Surr: Selenate (surr)	4.712	0.10	5	0	94.2	80-120	0			

MSD Sample ID: **0610391-01EMSD** Units: **mg/L** Analysis Date: **10/24/06 18:41**

Client ID: Run ID: **IC201_061024A** SeqNo: **980031** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	203.4	0.50	10	196.4	69.7	80-120	204.1	0.327	20	SEO
Sulfate	137.3	1.0	10	130.5	68.2	80-120	137.4	0.0444	20	SEO
Surr: Selenate (surr)	4.696	0.10	5	0	93.9	80-120	4.712	0.34	20	

DUP Sample ID: **0610391-01EDUP** Units: **mg/L** Analysis Date: **10/24/06 16:08**

Client ID: Run ID: **IC201_061024A** SeqNo: **980025** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	195.8	0.50	0	0	0	0-0	196.4	0.332	20	E
Sulfate	131.1	1.0	0	0	0	0-0	130.5	0.466	20	E
Surr: Selenate (surr)	4.86	0.10	5	0	97.2	80-120	4.869	0.185	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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43128 Instrument ID IC201 Method: E300

DUP Sample ID: 0610391-01EDUP Units: mg/L Analysis Date: 10/24/06 20:31

Client ID: Run ID: IC201_061024A SeqNo: 980035 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	200.7	2.5	0	0	0	0-0	195.6	2.58	20	
Sulfate	132.9	5.0	0	0	0	0-0	132.5	0.32	20	
Surr: Selenate (surr)	23.89	0.50	25	0	95.6	80-120	23.69	0.815	20	

The following samples were analyzed in this batch:

0610211-02E 0610211-03E 0610211-04E
0610211-05E

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: 0610211
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43143** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-102506** Units: **mg/L** Analysis Date: **10/25/06 7:50**

Client ID: Run ID: **IC201_061025A** SeqNo: **980447** 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)	4.791	0.10	5	0	95.8	85-115	0			

LCS Sample ID: **WLCSW1-364-12-** Units: **mg/L** Analysis Date: **10/25/06 8:12**

Client ID: Run ID: **IC201_061025A** SeqNo: **980448** 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)	8.203	0.10	8	0	103	90-110	0			
Surr: Selenate (surr)	4.98	0.10	5	0	99.6	85-115	0			

MS Sample ID: **0610199-03FMS** Units: **mg/L** Analysis Date: **10/25/06 10:02**

Client ID: Run ID: **IC201_061025A** SeqNo: **980420** 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)	16.59	0.50	20	0	83	80-120	0			
Surr: Selenate (surr)	24.52	0.50	25	0	98.1	80-120	0			

MSD Sample ID: **0610199-03FMSD** Units: **mg/L** Analysis Date: **10/25/06 10:24**

Client ID: Run ID: **IC201_061025A** SeqNo: **980421** 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)	16.93	0.50	20	0	84.7	80-120	16.59	2.03	20	
Surr: Selenate (surr)	24.52	0.50	25	0	98.1	80-120	24.52	0.0245	20	

DUP Sample ID: **0610199-03FDUP** Units: **mg/L** Analysis Date: **10/25/06 9:40**

Client ID: Run ID: **IC201_061025A** SeqNo: **980452** 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)	25.02	0.50	25	0	100	80-120	24.58	1.76	20	

The following samples were analyzed in this batch:

0610211-01F	0610211-02F	0610211-03F
0610211-04F	0610211-05F	

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

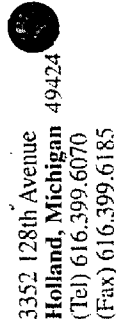
R - RPD outside accepted recovery limits

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



Page 1 of 1

Parameter/Method Request for Analysis

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Sample Receipt Checklist

Client Name NAVAJO REFININGDate/Time Received: 10/13/2006 9:10:00 AMWork Order Number 0610211Received by: FSM

Checklist completed by

Signature

Date

Reviewed by

Initials

Date

Matrix:

Carrier name FedEx

Shipping container/cooler in good condition?

Yes ☒No ☐Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☐No ☐Not Present ☒

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):

2.6 C002

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:

Client contacted _____

Date contacted: _____

Person contacted _____

Contacted by: _____

Regarding: _____

Comments: _____

Corrective Action _____





e-Lab Analytical, Inc.

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

November 10, 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 : **0610346**

Dear Darrell Moore,

e-Lab Analytical, Inc. received 40 samples on 10/20/2006 9:00:00 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 181.

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

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company.

Project: Navajo Artesia

Work Order: 0610346

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>
0610346-01	MW-50	Water		10/16/2006 14:45	10/20/2006 09:00	☐
0610346-02	DUPLICATE 101	Water		10/16/2006	10/20/2006 09:00	☐
0610346-03	ACL-34	Water		10/16/2006 15:20	10/20/2006 09:00	☐
0610346-04	MW-58	Water		10/17/2006 08:10	10/20/2006 09:00	☐
0610346-05	KWB-12A	Water		10/17/2006 08:50	10/20/2006 09:00	☐
0610346-06	RW-18	Water		10/17/2006 09:50	10/20/2006 09:00	☐
0610346-07	KWB-1C	Water		10/17/2006 11:15	10/20/2006 09:00	☐
0610346-08	KWB-1A	Water		10/17/2006 11:25	10/20/2006 09:00	☐
0610346-09	KWB-10	Water		10/17/2006 12:20	10/20/2006 09:00	☐
0610346-10	KWB-3R	Water		10/17/2006 13:00	10/20/2006 09:00	☐
0610346-11	FIELD BLANK (10/17)	Water		10/17/2006 14:00	10/20/2006 09:00	☐
0610346-12	EQUIPMENT BLANK (10/17)	Water		10/17/2006 14:00	10/20/2006 09:00	☐
0610346-13	FILED BLANK. (10/18)	Water		10/18/2006 14:45	10/20/2006 09:00	☐
0610346-14	EQUIPMENT BLANK (10/18)	Water		10/18/2006 14:45	10/20/2006 09:00	☐
0610346-15	FIELD BLANK (10/19)	Water		10/19/2006 10:05	10/20/2006 09:00	☐
0610346-16	EQUIPMENT BLANK (10/19)	Water		10/19/2006 10:05	10/20/2006 09:00	☐
0610346-17	KWB-P2	Water		10/18/2006 11:20	10/20/2006 09:00	☐
0610346-18	KWB-11A	Water		10/18/2006 10:30	10/20/2006 09:00	☐
0610346-19	KWB-7	Water		10/18/2006 11:00	10/20/2006 09:00	☐
0610346-20	MW-16	Water		10/18/2006 12:30	10/20/2006 09:00	☐
0610346-21	MW-70	Water		10/18/2006 13:25	10/20/2006 09:00	☐
0610346-22	MW-10	Water		10/18/2006 14:00	10/20/2006 09:00	☐
0610346-23	KWB-13	Water		10/19/2006 10:00	10/20/2006 09:00	☐
0610346-24	RA-314	Water		10/19/2006 10:30	10/20/2006 09:00	☐
0610346-25	RA-3723	Water		10/19/2006 10:45	10/20/2006 09:00	☐
0610346-26	RA-4196	Water		10/19/2006 10:50	10/20/2006 09:00	☐
0610346-27	RA-4798	Water		10/19/2006 11:00	10/20/2006 09:00	☐
0610346-28	RA-3353	Water		10/19/2006 11:20	10/20/2006 09:00	☐
0610346-29	RA-3156	Water		10/19/2006 11:30	10/20/2006 09:00	☐
0610346-30	Larve Well	Water		10/19/2006 11:50	10/20/2006 09:00	☐
0610346-31	DUPLICATE 102	Water		10/19/2006	10/20/2006 09:00	☐
0610346-32	DUPLICATE 103	Water		10/19/2006	10/20/2006 09:00	☐
0610346-33	DUPLICATE 104	Water		10/19/2006	10/20/2006 09:00	☐
0610346-34	Trip Blank 2062	Trip Blank		10/19/2006	10/20/2006 09:00	☐
0610346-35	Trip Blank 2050	Trip Blank		10/19/2006	10/20/2006 09:00	☐
0610346-36	Trip Blank 2053	Trip Blank		10/19/2006	10/20/2006 09:00	☐
0610346-37	Trip Blank 2069	Trip Blank		10/19/2006	10/20/2006 09:00	☐
0610346-38	Trip Blank 1118	Trip Blank		10/19/2006	10/20/2006 09:00	☐
0610346-39	FIELD BLANK (10/16)	Water		10/16/2006 15:30	10/20/2006 09:00	☐
0610346-40	EQUIPMENT BLANK (10/16)	Water		10/16/2006 15:30	10/20/2006 09:00	☐

CLIENT: Navajo Refining Company

Project: Navajo Artesia

Work Order: 0610346

Case Narrative

pH samples were received outside of the recommended holding time.

Batch 20447 Metals (sample MW-50) MS/MSD recoveries were outside of control limits for several elements. RPD's within control limits.

Batch R43210 Volatiles LCS recovery was above the control limits for Carbon disulfide (122%). The recovery was biased high and all associated samples were ND, therefore the data was accepted. MS/MSD was an unrelated sample.

Batch R43266 Volatiles (sample MW-50) MS recoveries were outside of control limits for several compounds. Recoveries in the LCS and MSD met method criteria.

Batch R43271 Volatiles (sample KWB-10) MS recoveries were below control limits for MTBE (43.7%) and RPD (23.2%). LCS recovery met method criteria.

Batch R43278 Volatiles (sample MW-10) MSD recoveries were below control limits for Naphthalene (127%). RPD's within control limits.

Batch R43424 Anions (sample MW-50) MS/MSD recoveries were outside of control limits for Chloride (50.9% and 35.6%) and Sulfate. RPD's within control limits.

Batch's R43450 and R43503 Anions MS/MSD were unrelated samples.

Batch R43504 Anions (sample KWB-13) MS/MSD recoveries were outside of control limits for Sulfate. Recoveries were E/O-flagged.

Batch R43695 Anions (sample RA-3723) MS/MSD recoveries were below the control limits for Nitrate/Nitrite (as N) (75% and 75.8%). RPD's within control limits.

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-01

Client Sample ID: MW-50
Collection Date: 10/16/2006 2:45:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.21		SW8015M	0.050	mg/L	Prep Date: 10/21/2006 Analyst: JFT
<i>Surr: 2-Fluorobiphenyl</i>	73.7		60-140	%REC		10/24/2006 2:32:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200	mg/L	Prep Date: 10/25/2006 Analyst: JCJ
						10/26/2006 7:41:48 PM
ICP METALS, TOTAL						
Arsenic	0.00837		SW6020	0.00500	mg/L	Prep Date: 10/24/2006 Analyst: SA
Barium	0.0228			0.00500	mg/L	10/31/2006 5:45:00 PM
Cadmium	ND			0.00200	mg/L	10/31/2006 5:45:00 PM
Chromium	0.00916			0.00500	mg/L	10/31/2006 5:45:00 PM
Lead	ND			0.00500	mg/L	10/31/2006 5:45:00 PM
Magnesium	193			0.200	mg/L	10/31/2006 5:45:00 PM
Potassium	2.17			0.200	mg/L	10/31/2006 5:45:00 PM
Selenium	ND			0.00500	mg/L	10/31/2006 5:45:00 PM
Silver	ND			0.00500	mg/L	10/31/2006 5:45:00 PM
Sodium	143			0.200	mg/L	10/31/2006 5:45:00 PM
Vanadium	ND			0.00500	mg/L	10/31/2006 5:45:00 PM
VOLATILES BY GC/MS						
			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,1,2,2-Tetrachloroethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,1,2-Trichloroethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,1-Dichloroethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,1-Dichloroethene	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,2,4-Trimethylbenzene	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,2-Dibromoethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,2-Dichloroethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,2-Dichloropropane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
1,3,5-Trimethylbenzene	ND			5.0	µg/L	10/27/2006 12:19:00 PM
2-Butanone	ND			10	µg/L	10/27/2006 12:19:00 PM
2-Hexanone	ND			10	µg/L	10/27/2006 12:19:00 PM
4-Isopropyltoluene	ND			5.0	µg/L	10/27/2006 12:19:00 PM
4-Methyl-2-pentanone	ND			10	µg/L	10/27/2006 12:19:00 PM
Acetone	ND			10	µg/L	10/27/2006 12:19:00 PM
Benzene	ND			5.0	µg/L	10/27/2006 12:19:00 PM
Bromodichloromethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
Bromoform	ND			5.0	µg/L	10/27/2006 12:19:00 PM
Bromomethane	ND			5.0	µg/L	10/27/2006 12:19:00 PM
Carbon disulfide	ND			10	µg/L	10/27/2006 12:19:00 PM
Carbon tetrachloride	ND			5.0	µg/L	10/27/2006 12:19:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-01

Client Sample ID: MW-50
Collection Date: 10/16/2006 2:45:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 12:19:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 12:19:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
sec-Butylbenzene	5.9		5.0	µg/L	1	10/27/2006 12:19:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 12:19:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 12:19:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 12:19:00 PM
Surr: 1,2-Dichloroethane-d4	90.8		70-125	%REC	1	10/27/2006 12:19:00 PM
Surr: 4-Bromofluorobenzene	91.3		72.4-125	%REC	1	10/27/2006 12:19:00 PM
Surr: Dibromofluoromethane	99.0		71.2-125	%REC	1	10/27/2006 12:19:00 PM
Surr: Toluene-d8	93.7		75-125	%REC	1	10/27/2006 12:19:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	204	2.50	mg/L	5	11/1/2006 12:26:00 AM
Fluoride	0.914	0.100	mg/L	1	10/31/2006 10:58:00 PM
Sulfate	1,480	50.0	mg/L	50	11/1/2006 3:58:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/6/2006 3:13:00 PM
Surr: Selenate (surr)	96.6	80-120	%REC	1	10/31/2006 10:58:00 PM
Surr: Selenate (surr)	95.6	80-120	%REC	5	11/1/2006 12:26:00 AM
Surr: Selenate (surr)	94.5	80-120	%REC	50	11/1/2006 3:58:00 PM
Surr: Selenate (surr)	100	80-120	%REC	5	11/6/2006 3:13:00 PM

ALKALINITY**E310.1**

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	323	5.00	mg/L	1	10/25/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-50

Work Order: 0610346

Collection Date: 10/16/2006 2:45:00 PM

Project: Navajo Artesia

Lab ID: 0610346-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/25/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/25/2006
Alkalinity, Total (As CaCO ₃)	323		5.00	mg/L	1	10/25/2006
PH			E150.1			Analyst: VLB
pH	6.77	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	2,750		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-02

Client Sample ID: DUPLICATE 101
 Collection Date: 10/16/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.72		SW8015M 0.050	mg/L	1	Prep Date: 10/21/2006 Analyst: JFT 10/24/2006 3:14:00 PM
Surr: 2-Fluorobiphenyl	70.6		60-140	%REC	1	10/24/2006 3:14:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/25/2006 Analyst: JCJ 10/26/2006 7:43:49 PM
ICP METALS, TOTAL						
Arsenic	0.0132		SW6020 0.00500	mg/L	1	Prep Date: 10/24/2006 Analyst: SA 11/1/2006 2:25:00 PM
Barium	0.0673		0.00500	mg/L	1	11/1/2006 2:25:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 2:25:00 PM
Chromium	0.00810		0.00500	mg/L	1	11/1/2006 2:25:00 PM
Lead	0.00590		0.00500	mg/L	1	11/1/2006 2:25:00 PM
Magnesium	185		0.200	mg/L	1	11/1/2006 2:25:00 PM
Potassium	2.75		0.200	mg/L	1	11/1/2006 2:25:00 PM
Selenium	ND		0.00500	mg/L	1	11/1/2006 2:25:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 2:25:00 PM
Sodium	140		0.200	mg/L	1	11/1/2006 2:25:00 PM
Vanadium	0.0213		0.00500	mg/L	1	11/1/2006 2:25:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/27/2006 12:44:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 12:44:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 12:44:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 12:44:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 12:44:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 12:44:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 12:44:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-02

Client Sample ID: DUPLICATE 101
Collection Date: 10/16/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Isopropylbenzene	5.5		5.0	µg/L	1	10/27/2006 12:44:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 12:44:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 12:44:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
sec-Butylbenzene	7.7		5.0	µg/L	1	10/27/2006 12:44:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 12:44:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 12:44:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 12:44:00 PM
Surr: 1,2-Dichloroethane-d4	88.8		70-125	%REC	1	10/27/2006 12:44:00 PM
Surr: 4-Bromofluorobenzene	90.6		72.4-125	%REC	1	10/27/2006 12:44:00 PM
Surr: Dibromofluoromethane	97.4		71.2-125	%REC	1	10/27/2006 12:44:00 PM
Surr: Toluene-d8	92.1		75-125	%REC	1	10/27/2006 12:44:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	211		2.50	mg/L	5	11/1/2006 1:53:00 AM
Fluoride	0.949		0.100	mg/L	1	11/1/2006 1:31:00 AM
Sulfate	1,430		50.0	mg/L	50	11/1/2006 4:20:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	11/6/2006 3:34:00 PM
Surr: Selenate (surr)	96.3		80-120	%REC	1	11/1/2006 1:31:00 AM
Surr: Selenate (surr)	96.7		80-120	%REC	5	11/1/2006 1:53:00 AM
Surr: Selenate (surr)	94.1		80-120	%REC	50	11/1/2006 4:20:00 PM
Surr: Selenate (surr)	99.4		80-120	%REC	5	11/6/2006 3:34:00 PM

ALKALINITY
E310.1

Analyst: RPM

Alkalinity, Bicarbonate (As CaCO3)	338		5.00	mg/L	1	10/25/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-02

Client Sample ID: DUPLICATE 101
Collection Date: 10/16/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/25/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/25/2006
Alkalinity, Total (As CaCO ₃)	338		5.00	mg/L	1	10/25/2006
PH			E150.1			Analyst: VLB
pH	6.97	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	2,770		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-03

Client Sample ID: ACL-34
Collection Date: 10/16/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.7		0.50	mg/L	10	10/27/2006 2:47:00 PM
Surr: 2-Fluorobiphenyl	125		60-140	%REC	10	10/27/2006 2:47:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/26/2006 7:45:51 PM
ICP METALS, TOTAL						
Arsenic	ND		0.00500	mg/L	1	11/1/2006 2:31:00 PM
Barium	0.677		0.00500	mg/L	1	11/1/2006 2:31:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 2:31:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 2:31:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 2:31:00 PM
Magnesium	74.4		0.200	mg/L	1	11/1/2006 2:31:00 PM
Potassium	0.868		0.200	mg/L	1	11/1/2006 2:31:00 PM
Selenium	ND		0.00500	mg/L	1	11/1/2006 2:31:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 2:31:00 PM
Sodium	122		0.200	mg/L	1	11/1/2006 2:31:00 PM
Vanadium	ND		0.00500	mg/L	1	11/1/2006 2:31:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,2,4-Trimethylbenzene	27		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 1:09:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 1:09:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 1:09:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 1:09:00 PM
Benzene	940		50	µg/L	10	10/27/2006 2:50:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 1:09:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 1:09:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-03

Client Sample ID: ACL-34
Collection Date: 10/16/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Ethylbenzene	260		50	µg/L	10	10/27/2006 2:50:00 PM
Isopropylbenzene	79		5.0	µg/L	1	10/27/2006 1:09:00 PM
m,p-Xylene	56		10	µg/L	1	10/27/2006 1:09:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 1:09:00 PM
n-Butylbenzene	7.8		5.0	µg/L	1	10/27/2006 1:09:00 PM
n-Propylbenzene	74		5.0	µg/L	1	10/27/2006 1:09:00 PM
Naphthalene	22		5.0	µg/L	1	10/27/2006 1:09:00 PM
o-Xylene	16		5.0	µg/L	1	10/27/2006 1:09:00 PM
sec-Butylbenzene	15		5.0	µg/L	1	10/27/2006 1:09:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 1:09:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 1:09:00 PM
Xylenes, Total	72		15	µg/L	1	10/27/2006 1:09:00 PM
Surr: 1,2-Dichloroethane-d4	77.1		70-125	%REC	1	10/27/2006 1:09:00 PM
Surr: 1,2-Dichloroethane-d4	80.4		70-125	%REC	10	10/27/2006 2:50:00 PM
Surr: 4-Bromofluorobenzene	83.5		72.4-125	%REC	1	10/27/2006 1:09:00 PM
Surr: 4-Bromofluorobenzene	85.2		72.4-125	%REC	10	10/27/2006 2:50:00 PM
Surr: Dibromofluoromethane	85.5		71.2-125	%REC	1	10/27/2006 1:09:00 PM
Surr: Dibromofluoromethane	89.0		71.2-125	%REC	10	10/27/2006 2:50:00 PM
Surr: Toluene-d8	87.8		75-125	%REC	1	10/27/2006 1:09:00 PM
Surr: Toluene-d8	90.7		75-125	%REC	10	10/27/2006 2:50:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	183	2.50	mg/L	5	11/1/2006 4:05:00 AM
Fluoride	1.29	0.100	mg/L	1	11/1/2006 3:43:00 AM
Sulfate	132	5.00	mg/L	5	11/1/2006 4:05:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/6/2006 3:56:00 PM
Surr: Selenate (surr)	95.9	80-120	%REC	1	11/1/2006 3:43:00 AM
Surr: Selenate (surr)	96.5	80-120	%REC	5	11/1/2006 4:05:00 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

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-03

Client Sample ID: ACL-34
Collection Date: 10/16/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	99.3		80-120	%REC	5	11/6/2006 3:56:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	646		5.00	mg/L	1	10/25/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/25/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/25/2006
Alkalinity, Total (As CaCO ₃)	646		5.00	mg/L	1	10/25/2006
PH			E150.1			Analyst: VLB
pH	6.61	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	1,210		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-04

Client Sample ID: MW-58
Collection Date: 10/17/2006 8:10:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.33		SW8015M	0.050	mg/L	Prep Date: 10/21/2006 Analyst: JFT
<i>Surr: 2-Fluorobiphenyl</i>	63.5		60-140	%REC	1	10/24/2006 4:38:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200	mg/L	Prep Date: 10/25/2006 Analyst: JCJ
					1	10/26/2006 7:47:52 PM
ICP METALS, TOTAL						
Arsenic	0.0652		SW6020	0.00500	mg/L	Prep Date: 10/24/2006 Analyst: SA
Barium	0.433			0.00500	mg/L	11/1/2006 2:37:00 PM
Cadmium	ND			0.00200	mg/L	11/1/2006 2:37:00 PM
Chromium	ND			0.00500	mg/L	11/1/2006 2:37:00 PM
Lead	ND			0.00500	mg/L	11/1/2006 2:37:00 PM
Magnesium	156			0.200	mg/L	11/1/2006 2:37:00 PM
Potassium	ND			0.200	mg/L	11/1/2006 2:37:00 PM
Selenium	ND			0.00500	mg/L	11/1/2006 2:37:00 PM
Silver	ND			0.00500	mg/L	11/1/2006 2:37:00 PM
Sodium	108			0.200	mg/L	11/1/2006 2:37:00 PM
Vanadium	ND			0.00500	mg/L	11/1/2006 2:37:00 PM
VOLATILES BY GC/MS						
			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,1,2,2-Tetrachloroethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,1,2-Trichloroethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,1-Dichloroethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,1-Dichloroethene	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,2,4-Trimethylbenzene	43			5.0	µg/L	10/27/2006 1:35:00 PM
1,2-Dibromoethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,2-Dichloroethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,2-Dichloropropane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
1,3,5-Trimethylbenzene	10			5.0	µg/L	10/27/2006 1:35:00 PM
2-Butanone	ND			10	µg/L	10/27/2006 1:35:00 PM
2-Hexanone	ND			10	µg/L	10/27/2006 1:35:00 PM
4-Isopropyltoluene	ND			5.0	µg/L	10/27/2006 1:35:00 PM
4-Methyl-2-pentanone	ND			10	µg/L	10/27/2006 1:35:00 PM
Acetone	ND			10	µg/L	10/27/2006 1:35:00 PM
Benzene	820			50	µg/L	10/27/2006 4:30:00 PM
Bromodichloromethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
Bromoform	ND			5.0	µg/L	10/27/2006 1:35:00 PM
Bromomethane	ND			5.0	µg/L	10/27/2006 1:35:00 PM
Carbon disulfide	ND			10	µg/L	10/27/2006 1:35:00 PM
Carbon tetrachloride	ND			5.0	µg/L	10/27/2006 1:35:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-04

Client Sample ID: MW-58
Collection Date: 10/17/2006 8:10:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Ethylbenzene	93		5.0	µg/L	1	10/27/2006 1:35:00 PM
Isopropylbenzene	5.8		5.0	µg/L	1	10/27/2006 1:35:00 PM
m,p-Xylene	93		10	µg/L	1	10/27/2006 1:35:00 PM
Methyl tert-butyl ether	180		5.0	µg/L	1	10/27/2006 1:35:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 1:35:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
n-Propylbenzene	7.5		5.0	µg/L	1	10/27/2006 1:35:00 PM
Naphthalene	23		5.0	µg/L	1	10/27/2006 1:35:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 1:35:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 1:35:00 PM
Xylenes, Total	95		15	µg/L	1	10/27/2006 1:35:00 PM
Surr: 1,2-Dichloroethane-d4	82.0		70-125	%REC	1	10/27/2006 1:35:00 PM
Surr: 1,2-Dichloroethane-d4	86.3		70-125	%REC	10	10/27/2006 4:30:00 PM
Surr: 4-Bromofluorobenzene	90.0		72.4-125	%REC	1	10/27/2006 1:35:00 PM
Surr: 4-Bromofluorobenzene	90.3		72.4-125	%REC	10	10/27/2006 4:30:00 PM
Surr: Dibromofluoromethane	90.0		71.2-125	%REC	1	10/27/2006 1:35:00 PM
Surr: Dibromofluoromethane	93.7		71.2-125	%REC	10	10/27/2006 4:30:00 PM
Surr: Toluene-d8	92.9		75-125	%REC	1	10/27/2006 1:35:00 PM
Surr: Toluene-d8	94.3		75-125	%REC	10	10/27/2006 4:30:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	343		5.00	mg/L	10	11/2/2006 7:18:00 AM
Fluoride	1.06		0.100	mg/L	1	11/2/2006 6:56:00 AM
Sulfate	206		10.0	mg/L	10	11/2/2006 7:18:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	11/6/2006 5:24:00 PM
Surr: Selenate (surr)	98.4		80-120	%REC	1	11/2/2006 6:56:00 AM
Surr: Selenate (surr)	97.0		80-120	%REC	10	11/2/2006 7:18:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-04

Client Sample ID: MW-58
Collection Date: 10/17/2006 8:10:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	99.4		80-120	%REC	5	11/6/2006 5:24:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	721		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	721		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.55	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	1,550		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-05

Client Sample ID: KWB-12A
Collection Date: 10/17/2006 8:50:00 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	10/24/2006 6:44:00 PM
Surr: 2-Fluorobiphenyl	63.0		60-140	%REC	1	10/24/2006 6:44:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/26/2006 7:53:59 PM
ICP METALS, TOTAL						
Arsenic	0.00649		0.00500	mg/L	1	11/1/2006 2:49:00 PM
Barium	0.0202		0.00500	mg/L	1	11/1/2006 2:49:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 2:49:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 2:49:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 2:49:00 PM
Magnesium	252		4.00	mg/L	20	11/1/2006 7:00:00 PM
Potassium	0.932		0.200	mg/L	1	11/1/2006 2:49:00 PM
Selenium	ND		0.00500	mg/L	1	11/1/2006 2:49:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 2:49:00 PM
Sodium	217		4.00	mg/L	20	11/1/2006 7:00:00 PM
Vanadium	0.0101		0.00500	mg/L	1	11/1/2006 2:49:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 2:25:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 2:25:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 2:25:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 2:25:00 PM
Benzene	50		5.0	µg/L	1	10/27/2006 2:25:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 2:25:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 2:25:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-12A

Work Order: 0610346

Collection Date: 10/17/2006 8:50:00 AM

Project: Navajo Artesia

Lab ID: 0610346-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Ethylbenzene	11		5.0	µg/L	1	10/27/2006 2:25:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
m,p-Xylene	11		10	µg/L	1	10/27/2006 2:25:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 2:25:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 2:25:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 2:25:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 2:25:00 PM
Surr: 1,2-Dichloroethane-d4	86.9		70-125	%REC	1	10/27/2006 2:25:00 PM
Surr: 4-Bromofluorobenzene	92.5		72.4-125	%REC	1	10/27/2006 2:25:00 PM
Surr: Dibromofluoromethane	96.5		71.2-125	%REC	1	10/27/2006 2:25:00 PM
Surr: Toluene-d8	93.8		75-125	%REC	1	10/27/2006 2:25:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	110	2.50	mg/L	5	11/2/2006 9:08:00 AM
Fluoride	0.586	0.100	mg/L	1	11/2/2006 8:46:00 AM
Sulfate	2,310	50.0	mg/L	50	11/2/2006 9:30:00 AM
Nitrate/Nitrite (as N)	6.19	0.500	mg/L	5	11/6/2006 5:46:00 PM
Surr: Selenate (surr)	95.5	80-120	%REC	1	11/2/2006 8:46:00 AM
Surr: Selenate (surr)	96.8	80-120	%REC	5	11/2/2006 9:08:00 AM
Surr: Selenate (surr)	97.8	80-120	%REC	50	11/2/2006 9:30:00 AM
Surr: Selenate (surr)	98.7	80-120	%REC	5	11/6/2006 5:46:00 PM

ALKALINITY**E310.1**

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	294	5.00	mg/L	1	10/26/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-12A

Work Order: 0610346

Collection Date: 10/17/2006 8:50:00 AM

Project: Navajo Artesia

Lab ID: 0610346-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	294		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.83	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	3,890		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-06

Client Sample ID: RW-18
Collection Date: 10/17/2006 9:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			
Mercury	ND		0.000200	mg/L	1	Prep Date: 10/25/2006 Analyst: JCJ 10/26/2006 7:55:58 PM
ICP METALS, TOTAL			SW6020			
Arsenic	0.0106		0.00500	mg/L	1	Prep Date: 10/24/2006 Analyst: SA 11/1/2006 3:19:00 PM
Barium	0.0146		0.00500	mg/L	1	11/1/2006 3:19:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 3:19:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 3:19:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 3:19:00 PM
Magnesium	611		20.0	mg/L	100	11/1/2006 7:06:00 PM
Potassium	1.22		0.200	mg/L	1	11/1/2006 3:19:00 PM
Selenium	0.00548		0.00500	mg/L	1	11/1/2006 3:19:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 3:19:00 PM
Sodium	307		20.0	mg/L	100	11/1/2006 7:06:00 PM
Vanadium	0.0228		0.00500	mg/L	1	11/1/2006 3:19:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 3:15:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 3:15:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 3:15:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 3:15:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 3:15:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 3:15:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-06

Client Sample ID: RW-18
Collection Date: 10/17/2006 9:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 3:15:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 3:15:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 3:15:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 3:15:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 3:15:00 PM
Surr: 1,2-Dichloroethane-d4	93.7		70-125	%REC	1	10/27/2006 3:15:00 PM
Surr: 4-Bromofluorobenzene	84.8		72.4-125	%REC	1	10/27/2006 3:15:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	1	10/27/2006 3:15:00 PM
Surr: Toluene-d8	95.5		75-125	%REC	1	10/27/2006 3:15:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	251	5.00	mg/L	10	11/2/2006 10:14:00 AM
Fluoride	2.54	0.100	mg/L	1	11/2/2006 9:52:00 AM
Sulfate	3,770	100	mg/L	100	11/2/2006 5:55:00 PM
Nitrate/Nitrite (as N)	1.09	0.500	mg/L	5	11/6/2006 6:08:00 PM
Surr: Selenate (surr)	97.1	80-120	%REC	10	11/2/2006 10:14:00 AM
Surr: Selenate (surr)	100	80-120	%REC	100	11/2/2006 5:55:00 PM
Surr: Selenate (surr)	95.9	80-120	%REC	1	11/2/2006 9:52:00 AM
Surr: Selenate (surr)	99.2	80-120	%REC	5	11/6/2006 6:08:00 PM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	283	5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	283	5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-06

Client Sample ID: RW-18
Collection Date: 10/17/2006 9:50:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.00	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	5,770		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-07

Client Sample ID: KWB-1C
Collection Date: 10/17/2006 11:15:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470		Prep Date: 10/25/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/26/2006 7:57:57 PM
ICP METALS, TOTAL			SW6020		Prep Date: 10/24/2006	Analyst: SA
Arsenic	0.00800		0.00500	mg/L	1	11/1/2006 3:25:00 PM
Barium	0.0124		0.00500	mg/L	1	11/1/2006 3:25:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 3:25:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 3:25:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 3:25:00 PM
Magnesium	331		20.0	mg/L	100	11/1/2006 7:12:00 PM
Potassium	1.48		0.200	mg/L	1	11/1/2006 3:25:00 PM
Selenium	ND		0.00500	mg/L	1	11/1/2006 3:25:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 3:25:00 PM
Sodium	236		20.0	mg/L	100	11/1/2006 7:12:00 PM
Vanadium	0.00843		0.00500	mg/L	1	11/1/2006 3:25:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 4:56:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 4:56:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 4:56:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 4:56:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 4:56:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 4:56:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-07

Client Sample ID: KWB-1C
Collection Date: 10/17/2006 11:15:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 4:56:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 4:56:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 4:56:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 4:56:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 4:56:00 PM
Surr: 1,2-Dichloroethane-d4	90.5		70-125	%REC	1	10/27/2006 4:56:00 PM
Surr: 4-Bromofluorobenzene	87.9		72.4-125	%REC	1	10/27/2006 4:56:00 PM
Surr: Dibromofluoromethane	98.5		71.2-125	%REC	1	10/27/2006 4:56:00 PM
Surr: Toluene-d8	94.8		75-125	%REC	1	10/27/2006 4:56:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	191		5.00	mg/L	10	11/2/2006 11:19:00 AM
Fluoride	1.03		0.100	mg/L	1	11/2/2006 10:57:00 AM
Sulfate	2,100		50.0	mg/L	50	11/2/2006 11:41:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	11/6/2006 6:30:00 PM
Surr: Selenate (surr)	95.6		80-120	%REC	1	11/2/2006 10:57:00 AM
Surr: Selenate (surr)	94.2		80-120	%REC	10	11/2/2006 11:19:00 AM
Surr: Selenate (surr)	97.7		80-120	%REC	50	11/2/2006 11:41:00 AM
Surr: Selenate (surr)	98.5		80-120	%REC	5	11/6/2006 6:30:00 PM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	381		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	381		5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-1C

Work Order: 0610346

Collection Date: 10/17/2006 11:15:00 AM

Project: Navajo Artesia

Lab ID: 0610346-07

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	6.78	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	3,900		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-08

Client Sample ID: KWB-1A
 Collection Date: 10/17/2006 11:25:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 10/21/2006 Analyst: JFT
TPH (Diesel Range)	0.062		0.050	mg/L	1	10/24/2006 7:26:00 PM
Surr: 2-Fluorobiphenyl	72.6		60-140	%REC	1	10/24/2006 7:26:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 10/25/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:30:06 AM
ICP METALS, TOTAL			SW6020			Prep Date: 10/24/2006 Analyst: SA
Arsenic	0.00772		0.00500	mg/L	1	11/1/2006 3:31:00 PM
Barium	0.0104		0.00500	mg/L	1	11/1/2006 3:31:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 3:31:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 3:31:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 3:31:00 PM
Magnesium	340		20.0	mg/L	100	11/1/2006 7:18:00 PM
Potassium	1.27		0.200	mg/L	1	11/1/2006 3:31:00 PM
Selenium	ND		0.00500	mg/L	1	11/1/2006 3:31:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 3:31:00 PM
Sodium	217		20.0	mg/L	100	11/1/2006 7:18:00 PM
Vanadium	0.0171		0.00500	mg/L	1	11/1/2006 3:31:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 5:21:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 5:21:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 5:21:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 5:21:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 5:21:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 5:21:00 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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-08

Client Sample ID: KWB-1A
 Collection Date: 10/17/2006 11:25:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 5:21:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 5:21:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 5:21:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 5:21:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 5:21:00 PM
Surr: 1,2-Dichloroethane-d4	91.7		70-125	%REC	1	10/27/2006 5:21:00 PM
Surr: 4-Bromofluorobenzene	89.2		72.4-125	%REC	1	10/27/2006 5:21:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	1	10/27/2006 5:21:00 PM
Surr: Toluene-d8	93.1		75-125	%REC	1	10/27/2006 5:21:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	190	5.00	mg/L	10	11/2/2006 1:31:00 PM
Fluoride	1.14	0.100	mg/L	1	11/2/2006 12:03:00 PM
Sulfate	2,090	50.0	mg/L	50	11/2/2006 1:53:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 2:51:00 AM
Surr: Selenate (surr)	95.8	80-120	%REC	1	11/2/2006 12:03:00 PM
Surr: Selenate (surr)	95.4	80-120	%REC	10	11/2/2006 1:31:00 PM
Surr: Selenate (surr)	96.0	80-120	%REC	50	11/2/2006 1:53:00 PM
Surr: Selenate (surr)	98.8	80-120	%REC	5	11/9/2006 2:51:00 AM

ALKALINITY

E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	386	5.00	mg/L	1	10/26/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-1A

Work Order: 0610346

Collection Date: 10/17/2006 11:25:00 AM

Project: Navajo Artesia

Lab ID: 0610346-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	386		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.77	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	3,890		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-09

Client Sample ID: KWB-10
Collection Date: 10/17/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.29		0.050	mg/L	1	10/24/2006 8:08:00 PM
Surr: 2-Fluorobiphenyl	68.5		60-140	%REC	1	10/24/2006 8:08:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:32:05 AM
ICP METALS, TOTAL						
Arsenic	0.0532		0.00500	mg/L	1	10/31/2006 8:57:00 PM
Barium	0.684		0.00500	mg/L	1	10/31/2006 8:57:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 8:57:00 PM
Chromium	0.00933		0.00500	mg/L	1	10/31/2006 8:57:00 PM
Lead	ND		0.00500	mg/L	1	10/31/2006 8:57:00 PM
Magnesium	94.7		0.200	mg/L	1	10/31/2006 8:57:00 PM
Potassium	0.308		0.200	mg/L	1	10/31/2006 8:57:00 PM
Selenium	ND		0.00500	mg/L	1	10/31/2006 8:57:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 8:57:00 PM
Sodium	120		0.200	mg/L	1	10/31/2006 8:57:00 PM
Vanadium	ND		0.00500	mg/L	1	10/31/2006 8:57:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 5:46:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 5:46:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 5:46:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 5:46:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 5:46:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 5:46:00 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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-09

Client Sample ID: KWB-10
 Collection Date: 10/17/2006 12:20:00 PM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 5:46:00 PM
Methyl tert-butyl ether	5,100		250	µg/L	50	10/28/2006 12:52:00 AM
Methylene chloride	ND		10	µg/L	1	10/27/2006 5:46:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 5:46:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 5:46:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 5:46:00 PM
Surr: 1,2-Dichloroethane-d4	86.6		70-125	%REC	1	10/27/2006 5:46:00 PM
Surr: 1,2-Dichloroethane-d4	89.5		70-125	%REC	50	10/28/2006 12:52:00 AM
Surr: 4-Bromofluorobenzene	88.6		72.4-125	%REC	1	10/27/2006 5:46:00 PM
Surr: 4-Bromofluorobenzene	82.2		72.4-125	%REC	50	10/28/2006 12:52:00 AM
Surr: Dibromofluoromethane	95.4		71.2-125	%REC	1	10/27/2006 5:46:00 PM
Surr: Dibromofluoromethane	94.3		71.2-125	%REC	50	10/28/2006 12:52:00 AM
Surr: Toluene-d8	94.9		75-125	%REC	1	10/27/2006 5:46:00 PM
Surr: Toluene-d8	97.0		75-125	%REC	50	10/28/2006 12:52:00 AM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	154	2.50	mg/L	5	11/2/2006 2:36:00 PM
Fluoride	1.01	0.100	mg/L	1	11/2/2006 2:15:00 PM
Sulfate	11.8	1.00	mg/L	1	11/2/2006 2:15:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 3:12:00 AM
Surr: Selenate (surr)	95.1	80-120	%REC	1	11/2/2006 2:15:00 PM
Surr: Selenate (surr)	97.4	80-120	%REC	5	11/2/2006 2:36:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-09

Client Sample ID: KWB-10
Collection Date: 10/17/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	99.6		80-120	%REC	5	11/9/2006 3:12:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	716		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	716		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.67	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	995		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-10

Client Sample ID: KWB-3R
Collection Date: 10/17/2006 1:00:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	10/24/2006 8:49:00 PM
Surr: 2-Fluorobiphenyl	61.1		60-140	%REC	1	10/24/2006 8:49:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:34:04 AM
ICP METALS, TOTAL						
Arsenic	0.0131		0.00500	mg/L	1	10/31/2006 9:03:00 PM
Barium	0.0173		0.00500	mg/L	1	10/31/2006 9:03:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 9:03:00 PM
Chromium	ND		0.00500	mg/L	1	10/31/2006 9:03:00 PM
Lead	ND		0.00500	mg/L	1	10/31/2006 9:03:00 PM
Magnesium	320		20.0	mg/L	100	11/1/2006 7:24:00 PM
Potassium	0.663		0.200	mg/L	1	10/31/2006 9:03:00 PM
Selenium	0.0360		0.00500	mg/L	1	10/31/2006 9:03:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 9:03:00 PM
Sodium	407		20.0	mg/L	100	11/1/2006 7:24:00 PM
Vanadium	0.0171		0.00500	mg/L	1	10/31/2006 9:03:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 9:32:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 9:32:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 9:32:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 9:32:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 9:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 9:32:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-10

Client Sample ID: KWB-3R
Collection Date: 10/17/2006 1:00:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 9:32:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 9:32:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 9:32:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 9:32:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 9:32:00 PM
Surr: 1,2-Dichloroethane-d4	98.5		70-125	%REC	1	10/27/2006 9:32:00 PM
Surr: 4-Bromofluorobenzene	89.1		72.4-125	%REC	1	10/27/2006 9:32:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	10/27/2006 9:32:00 PM
Surr: Toluene-d8	94.1		75-125	%REC	1	10/27/2006 9:32:00 PM

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

Chloride	526	10.0	mg/L	20	11/2/2006 3:20:00 PM
Fluoride	0.403	0.100	mg/L	1	11/2/2006 2:58:00 PM
Sulfate	2,830	100	mg/L	100	11/2/2006 6:17:00 PM
Nitrate/Nitrite (as N)	34.8	0.500	mg/L	5	11/9/2006 3:34:00 AM
Surr: Selenate (surr)	95.3	80-120	%REC	1	11/2/2006 2:58:00 PM
Surr: Selenate (surr)	96.4	80-120	%REC	20	11/2/2006 3:20:00 PM
Surr: Selenate (surr)	97.0	80-120	%REC	100	11/2/2006 6:17:00 PM
Surr: Selenate (surr)	99.8	80-120	%REC	5	11/9/2006 3:34:00 AM

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

Alkalinity, Bicarbonate (As CaCO3)	299	5.00	mg/L	1	10/26/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-3R

Work Order: 0610346

Collection Date: 10/17/2006 1:00:00 PM

Project: Navajo Artesia

Lab ID: 0610346-10

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	299		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.72	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: RPM
Total Dissolved Solids (Residue, Filterable)	5,330		10.0	mg/L	1	10/22/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: FIELD BLANK (10/17)

Work Order: 0610346

Collection Date: 10/17/2006 2:00:00 PM

Project: Navajo Artesia

Lab ID: 0610346-11

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	10/26/2006 9:01:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
2-Butanone	ND		10	µg/L	1	10/26/2006 9:01:00 PM
2-Hexanone	ND		10	µg/L	1	10/26/2006 9:01:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/26/2006 9:01:00 PM
Acetone	ND		10	µg/L	1	10/26/2006 9:01:00 PM
Benzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Bromoform	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Bromomethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Carbon disulfide	ND		10	µg/L	1	10/26/2006 9:01:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Chloroethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Chloroform	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Chloromethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
m,p-Xylene	ND		10	µg/L	1	10/26/2006 9:01:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Methylene chloride	ND		10	µg/L	1	10/26/2006 9:01:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Naphthalene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
o-Xylene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Styrene	ND		5.0	µg/L	1	10/26/2006 9:01:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: FIELD BLANK (10/17)

Work Order: 0610346

Collection Date: 10/17/2006 2:00:00 PM

Project: Navajo Artesia

Lab ID: 0610346-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Toluene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/26/2006 9:01:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/26/2006 9:01:00 PM
Xylenes, Total	ND		15	µg/L	1	10/26/2006 9:01:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	10/26/2006 9:01:00 PM
Surr: 4-Bromofluorobenzene	108		72.4-125	%REC	1	10/26/2006 9:01:00 PM
Surr: Dibromofluoromethane	112		71.2-125	%REC	1	10/26/2006 9:01:00 PM
Surr: Toluene-d8	112		75-125	%REC	1	10/26/2006 9:01:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-12

Client Sample ID: EQUIPMENT BLANK (10/17)
Collection Date: 10/17/2006 2:00:00 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	10/26/2006 9:28:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
2-Butanone	ND		10	µg/L	1	10/26/2006 9:28:00 PM
2-Hexanone	ND		10	µg/L	1	10/26/2006 9:28:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/26/2006 9:28:00 PM
Acetone	ND		10	µg/L	1	10/26/2006 9:28:00 PM
Benzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Bromoform	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Bromomethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Carbon disulfide	ND		10	µg/L	1	10/26/2006 9:28:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Chloroethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Chloroform	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Chloromethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
m,p-Xylene	ND		10	µg/L	1	10/26/2006 9:28:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Methylene chloride	ND		10	µg/L	1	10/26/2006 9:28:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Naphthalene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
o-Xylene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Styrene	ND		5.0	µg/L	1	10/26/2006 9:28:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: EQUIPMENT BLANK (10/17)

Work Order: 0610346

Collection Date: 10/17/2006 2:00:00 PM

Project: Navajo Artesia

Lab ID: 0610346-12

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Toluene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/26/2006 9:28:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/26/2006 9:28:00 PM
Xylenes, Total	ND		15	µg/L	1	10/26/2006 9:28:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	10/26/2006 9:28:00 PM
Surr: 4-Bromofluorobenzene	111		72.4-125	%REC	1	10/26/2006 9:28:00 PM
Surr: Dibromofluoromethane	113		71.2-125	%REC	1	10/26/2006 9:28:00 PM
Surr: Toluene-d8	114		75-125	%REC	1	10/26/2006 9:28:00 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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-13

Client Sample ID: FILED BLANK. (10/18)
 Collection Date: 10/18/2006 2:45:00 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	10/26/2006 9:56:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
2-Butanone	ND		10	µg/L	1	10/26/2006 9:56:00 PM
2-Hexanone	ND		10	µg/L	1	10/26/2006 9:56:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/26/2006 9:56:00 PM
Acetone	ND		10	µg/L	1	10/26/2006 9:56:00 PM
Benzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Bromoform	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Bromomethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Carbon disulfide	ND		10	µg/L	1	10/26/2006 9:56:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Chloroethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Chloroform	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Chloromethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
m,p-Xylene	ND		10	µg/L	1	10/26/2006 9:56:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Methylene chloride	ND		10	µg/L	1	10/26/2006 9:56:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Naphthalene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
o-Xylene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Styrene	ND		5.0	µg/L	1	10/26/2006 9:56:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-13

Client Sample ID: FILED BLANK. (10/18)
Collection Date: 10/18/2006 2:45:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Toluene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/26/2006 9:56:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/26/2006 9:56:00 PM
Xylenes, Total	ND		15	µg/L	1	10/26/2006 9:56:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	10/26/2006 9:56:00 PM
Surr: 4-Bromofluorobenzene	109		72.4-125	%REC	1	10/26/2006 9:56:00 PM
Surr: Dibromofluoromethane	114		71.2-125	%REC	1	10/26/2006 9:56:00 PM
Surr: Toluene-d8	113		75-125	%REC	1	10/26/2006 9:56:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-14

Client Sample ID: EQUIPMENT BLANK (10/18)
Collection Date: 10/18/2006 2:45:00 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	10/27/2006 6:36:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 6:36:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 6:36:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 6:36:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 6:36:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 6:36:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 6:36:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 6:36:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 6:36:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-14

Client Sample ID: EQUIPMENT BLANK (10/18)
Collection Date: 10/18/2006 2:45:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 6:36:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 6:36:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 6:36:00 PM
Surr: 1,2-Dichloroethane-d4	89.3		70-125	%REC	1	10/27/2006 6:36:00 PM
Surr: 4-Bromofluorobenzene	88.9		72.4-125	%REC	1	10/27/2006 6:36:00 PM
Surr: Dibromofluoromethane	97.0		71.2-125	%REC	1	10/27/2006 6:36:00 PM
Surr: Toluene-d8	89.8		75-125	%REC	1	10/27/2006 6:36:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-15

Client Sample ID: FIELD BLANK (10/19)
Collection Date: 10/19/2006 10:05:00 AM

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	10/27/2006 7:01:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 7:01:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 7:01:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 7:01:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 7:01:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 7:01:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 7:01:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 7:01:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 7:01:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-15

Client Sample ID: FIELD BLANK (10/19)
Collection Date: 10/19/2006 10:05:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 7:01:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 7:01:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 7:01:00 PM
Surr: 1,2-Dichloroethane-d4	95.3		70-125	%REC	1	10/27/2006 7:01:00 PM
Surr: 4-Bromofluorobenzene	81.3		72.4-125	%REC	1	10/27/2006 7:01:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	10/27/2006 7:01:00 PM
Surr: Toluene-d8	95.4		75-125	%REC	1	10/27/2006 7:01:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: EQUIPMENT BLANK (10/19)

Work Order: 0610346

Collection Date: 10/19/2006 10:05:00 AM

Project: Navajo Artesia

Lab ID: 0610346-16

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	10/27/2006 7:26:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 7:26:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 7:26:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 7:26:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 7:26:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 7:26:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 7:26:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 7:26:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 7:26:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-16

Client Sample ID: EQUIPMENT BLANK (10/19)
Collection Date: 10/19/2006 10:05:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 7:26:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 7:26:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 7:26:00 PM
Surr: 1,2-Dichloroethane-d4	92.5		70-125	%REC	1	10/27/2006 7:26:00 PM
Surr: 4-Bromofluorobenzene	89.8		72.4-125	%REC	1	10/27/2006 7:26:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	1	10/27/2006 7:26:00 PM
Surr: Toluene-d8	94.7		75-125	%REC	1	10/27/2006 7:26:00 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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-17

Client Sample ID: KWB-P2
 Collection Date: 10/18/2006 11:20:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 10/21/2006 Analyst: JFT
TPH (Diesel Range)	ND		0.050	mg/L	1	10/24/2006 9:31:00 PM
Surr: 2-Fluorobiphenyl	71.8		60-140	%REC	1	10/24/2006 9:31:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 10/25/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:36:03 AM
ICP METALS, TOTAL			SW6020			Prep Date: 10/24/2006 Analyst: SA
Arsenic	0.0216		0.00500	mg/L	1	10/31/2006 9:09:00 PM
Barium	0.128		0.00500	mg/L	1	10/31/2006 9:09:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 9:09:00 PM
Chromium	0.0156		0.00500	mg/L	1	10/31/2006 9:09:00 PM
Lead	0.00958		0.00500	mg/L	1	10/31/2006 9:09:00 PM
Magnesium	322		20.0	mg/L	100	11/1/2006 7:30:00 PM
Potassium	3.34		0.200	mg/L	1	10/31/2006 9:09:00 PM
Selenium	0.0192		0.00500	mg/L	1	10/31/2006 9:09:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 9:09:00 PM
Sodium	356		20.0	mg/L	100	11/1/2006 7:30:00 PM
Vanadium	0.0742		0.00500	mg/L	1	10/31/2006 9:09:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 1:30:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 1:30:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 1:30:00 PM
Acetone	32		10	µg/L	1	10/29/2006 1:30:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 1:30:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 1:30:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-17

Client Sample ID: KWB-P2
Collection Date: 10/18/2006 11:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Chloromethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 1:30:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 1:30:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 1:30:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 1:30:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 1:30:00 PM
Surr: 1,2-Dichloroethane-d4	99.0		70-125	%REC	1	10/29/2006 1:30:00 PM
Surr: 4-Bromofluorobenzene	84.6		72.4-125	%REC	1	10/29/2006 1:30:00 PM
Surr: Dibromofluoromethane	96.0		71.2-125	%REC	1	10/29/2006 1:30:00 PM
Surr: Toluene-d8	98.6		75-125	%REC	1	10/29/2006 1:30:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	725	10.0	mg/L	20	11/2/2006 4:26:00 PM
Fluoride	0.703	0.100	mg/L	1	11/2/2006 4:04:00 PM
Sulfate	2,090	100	mg/L	100	11/2/2006 4:48:00 PM
Nitrate/Nitrite (as N)	20.9	0.500	mg/L	5	11/9/2006 3:56:00 AM
Surr: Selenate (surr)	94.9	80-120	%REC	1	11/2/2006 4:04:00 PM
Surr: Selenate (surr)	95.5	80-120	%REC	20	11/2/2006 4:26:00 PM
Surr: Selenate (surr)	98.3	80-120	%REC	100	11/2/2006 4:48:00 PM
Surr: Selenate (surr)	80.9	80-120	%REC	5	11/9/2006 3:56:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	386	5.00	mg/L	1	10/26/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-17

Client Sample ID: KWB-P2
Collection Date: 10/18/2006 11:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	386		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.95	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	4,680		10.0	mg/L	1	10/23/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-18

Client Sample ID: KWB-11A
Collection Date: 10/18/2006 10:30:00 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	10/24/2006 10:12:00 PM
Surr: 2-Fluorobiphenyl	66.5		60-140	%REC	1	10/24/2006 10:12:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:38:03 AM
ICP METALS, TOTAL						
Arsenic	0.0107		0.00500	mg/L	1	10/31/2006 9:21:00 PM
Barium	0.0206		0.00500	mg/L	1	10/31/2006 9:21:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 9:21:00 PM
Chromium	0.0129		0.00500	mg/L	1	10/31/2006 9:21:00 PM
Lead	ND		0.00500	mg/L	1	10/31/2006 9:21:00 PM
Magnesium	144		4.00	mg/L	20	11/1/2006 7:36:00 PM
Potassium	0.778		0.200	mg/L	1	10/31/2006 9:21:00 PM
Selenium	ND		0.00500	mg/L	1	10/31/2006 9:21:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 9:21:00 PM
Sodium	211		4.00	mg/L	20	11/1/2006 7:36:00 PM
Vanadium	0.0180		0.00500	mg/L	1	10/31/2006 9:21:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 7:51:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 7:51:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 7:51:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 7:51:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 7:51:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 7:51:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-11A

Work Order: 0610346

Collection Date: 10/18/2006 10:30:00 AM

Project: Navajo Artesia

Lab ID: 0610346-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 7:51:00 PM
Methyl tert-butyl ether	9.4		5.0	µg/L	1	10/27/2006 7:51:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 7:51:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 7:51:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 7:51:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 7:51:00 PM
Surr: 1,2-Dichloroethane-d4	89.6		70-125	%REC	1	10/27/2006 7:51:00 PM
Surr: 4-Bromofluorobenzene	76.7		72.4-125	%REC	1	10/27/2006 7:51:00 PM
Surr: Dibromofluoromethane	96.8		71.2-125	%REC	1	10/27/2006 7:51:00 PM
Surr: Toluene-d8	89.2		75-125	%REC	1	10/27/2006 7:51:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	334		5.00	mg/L	10	11/2/2006 5:33:00 PM
Fluoride	0.807		0.100	mg/L	1	11/2/2006 5:11:00 PM
Sulfate	552		20.0	mg/L	20	11/4/2006 9:10:00 AM
Nitrate/Nitrite (as N)	3.94		0.500	mg/L	5	11/9/2006 4:18:00 AM
Surr: Selenate (surr)	95.6		80-120	%REC	1	11/2/2006 5:11:00 PM
Surr: Selenate (surr)	94.4		80-120	%REC	10	11/2/2006 5:33:00 PM
Surr: Selenate (surr)	93.7		80-120	%REC	20	11/4/2006 9:10:00 AM
Surr: Selenate (surr)	100		80-120	%REC	5	11/9/2006 4:18:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	618		5.00	mg/L	1	10/26/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-11A

Work Order: 0610346

Collection Date: 10/18/2006 10:30:00 AM

Project: Navajo Artesia

Lab ID: 0610346-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	618		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.72	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	2,000		10.0	mg/L	1	10/23/2006

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

AR Page 48 of 107

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-19

Client Sample ID: KWB-7
 Collection Date: 10/18/2006 11:00:00 AM

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: 10/21/2006 Analyst: JFT 10/24/2006 6:44:00 PM
Surr: 2-Fluorobiphenyl	66.6		60-140	%REC	1	10/24/2006 6:44:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/25/2006 Analyst: JCJ 10/27/2006 11:40:03 AM
ICP METALS, TOTAL						
Arsenic	0.0122		SW6020 0.00500	mg/L	1	Prep Date: 10/24/2006 Analyst: SA 10/31/2006 9:27:00 PM
Barium	0.0585		0.00500	mg/L	1	10/31/2006 9:27:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 9:27:00 PM
Chromium	0.00942		0.00500	mg/L	1	10/31/2006 9:27:00 PM
Lead	ND		0.00500	mg/L	1	10/31/2006 9:27:00 PM
Magnesium	256		20.0	mg/L	100	11/1/2006 7:42:00 PM
Potassium	0.639		0.200	mg/L	1	10/31/2006 9:27:00 PM
Selenium	0.00675		0.00500	mg/L	1	10/31/2006 9:27:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 9:27:00 PM
Sodium	258		20.0	mg/L	100	11/1/2006 7:42:00 PM
Vanadium	0.0302		0.00500	mg/L	1	10/31/2006 9:27:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/27/2006 8:16:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 8:16:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 8:16:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 8:16:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 8:16:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 8:16:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 8:16:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-19

Client Sample ID: KWB-7
Collection Date: 10/18/2006 11:00:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 8:16:00 PM
Methyl tert-butyl ether	55		5.0	µg/L	1	10/27/2006 8:16:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 8:16:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 8:16:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 8:16:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 8:16:00 PM
Surr: 1,2-Dichloroethane-d4	92.2		70-125	%REC	1	10/27/2006 8:16:00 PM
Surr: 4-Bromofluorobenzene	78.9		72.4-125	%REC	1	10/27/2006 8:16:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	1	10/27/2006 8:16:00 PM
Surr: Toluene-d8	91.2		75-125	%REC	1	10/27/2006 8:16:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	443		12.5	mg/L	25	11/5/2006 5:37:00 AM
Fluoride	0.861		0.100	mg/L	1	11/4/2006 9:13:00 PM
Sulfate	1,050		25.0	mg/L	25	11/5/2006 5:37:00 AM
Nitrate/Nitrite (as N)	9.72		0.500	mg/L	5	11/9/2006 4:40:00 AM
Surr: Selenate (surr)	96.0		80-120	%REC	1	11/4/2006 9:13:00 PM
Surr: Selenate (surr)	93.6		80-120	%REC	25	11/5/2006 5:37:00 AM
Surr: Selenate (surr)	101		80-120	%REC	5	11/9/2006 4:40:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	747		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-19

Client Sample ID: KWB-7
Collection Date: 10/18/2006 11:00:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	747		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.82	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	3,090		10.0	mg/L	1	10/23/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-20

Client Sample ID: MW-16
Collection Date: 10/18/2006 12:30:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 10/21/2006 Analyst: JFT		
TPH (Diesel Range)	0.11		0.050	mg/L	1	10/27/2006 2:06:00 PM
Surr: 2-Fluorobiphenyl	70.9		60-140	%REC	1	10/27/2006 2:06:00 PM
MERCURY, TOTAL						
			SW7470	Prep Date: 10/25/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:42:04 AM
ICP METALS, TOTAL						
			SW6020	Prep Date: 10/24/2006 Analyst: SA		
Arsenic	0.0159		0.00500	mg/L	1	10/31/2006 9:33:00 PM
Barium	0.0160		0.00500	mg/L	1	10/31/2006 9:33:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 9:33:00 PM
Chromium	0.00602		0.00500	mg/L	1	10/31/2006 9:33:00 PM
Lead	ND		0.00500	mg/L	1	10/31/2006 9:33:00 PM
Magnesium	259		20.0	mg/L	100	11/1/2006 8:06:00 PM
Potassium	11.2		0.200	mg/L	1	10/31/2006 9:33:00 PM
Selenium	ND		0.00500	mg/L	1	10/31/2006 9:33:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 9:33:00 PM
Sodium	469		20.0	mg/L	100	11/1/2006 8:06:00 PM
Vanadium	0.00964		0.00500	mg/L	1	10/31/2006 9:33:00 PM
VOLATILES BY GC/MS						
			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 8:42:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 8:42:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 8:42:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 8:42:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 8:42:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 8:42:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-20

Client Sample ID: MW-16
Collection Date: 10/18/2006 12:30:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 8:42:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 8:42:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 8:42:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 8:42:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 8:42:00 PM
Surr: 1,2-Dichloroethane-d4	97.6		70-125	%REC	1	10/27/2006 8:42:00 PM
Surr: 4-Bromofluorobenzene	91.8		72.4-125	%REC	1	10/27/2006 8:42:00 PM
Surr: Dibromofluoromethane	106		71.2-125	%REC	1	10/27/2006 8:42:00 PM
Surr: Toluene-d8	95.8		75-125	%REC	1	10/27/2006 8:42:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	665	25.0	mg/L	50	11/5/2006 5:59:00 AM
Fluoride	2.31	0.100	mg/L	1	11/4/2006 9:35:00 PM
Sulfate	2,300	50.0	mg/L	50	11/5/2006 5:59:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 5:02:00 AM
Surr: Selenate (surr)	96.1	80-120	%REC	1	11/4/2006 9:35:00 PM
Surr: Selenate (surr)	94.1	80-120	%REC	50	11/5/2006 5:59:00 AM
Surr: Selenate (surr)	98.7	80-120	%REC	5	11/9/2006 5:02:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	273	5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-16

Work Order: 0610346

Collection Date: 10/18/2006 12:30:00 PM

Project: Navajo Artesia

Lab ID: 0610346-20

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	273		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	7.03	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	4,680		10.0	mg/L	1	10/23/2006

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 54 of 107

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-21

Client Sample ID: MW-70
Collection Date: 10/18/2006 1:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.21		0.050	mg/L	1	10/24/2006 4:38:00 PM
Surr: 2-Fluorobiphenyl	76.4		60-140	%REC	1	10/24/2006 4:38:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.565		0.0500	mg/L	1	10/23/2006 7:48:00 PM
Surr: 4-Bromofluorobenzene	96.3		70-130	%REC	1	10/23/2006 7:48:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:44:04 AM
ICP METALS, TOTAL						
Arsenic	0.0280		0.00500	mg/L	1	10/31/2006 9:39:00 PM
Barium	0.0160		0.00500	mg/L	1	10/31/2006 9:39:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 9:39:00 PM
Chromium	0.00585		0.00500	mg/L	1	10/31/2006 9:39:00 PM
Lead	ND		0.00500	mg/L	1	10/31/2006 9:39:00 PM
Magnesium	194		20.0	mg/L	100	11/1/2006 8:11:00 PM
Potassium	5.31		0.200	mg/L	1	10/31/2006 9:39:00 PM
Selenium	ND		0.00500	mg/L	1	10/31/2006 9:39:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 9:39:00 PM
Sodium	686		20.0	mg/L	100	11/1/2006 8:11:00 PM
Vanadium	ND		0.00500	mg/L	1	10/31/2006 9:39:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 9:07:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 9:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 9:07:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 9:07:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-21

Client Sample ID: MW-70
Collection Date: 10/18/2006 1:25:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 9:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 9:07:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 9:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 9:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 9:07:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 9:07:00 PM
Surr: 1,2-Dichloroethane-d4	95.6		70-125	%REC	1	10/27/2006 9:07:00 PM
Surr: 4-Bromofluorobenzene	94.6		72.4-125	%REC	1	10/27/2006 9:07:00 PM
Surr: Dibromofluoromethane	103		71.2-125	%REC	1	10/27/2006 9:07:00 PM
Surr: Toluene-d8	95.4		75-125	%REC	1	10/27/2006 9:07:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	1,200	25.0	mg/L	50	11/5/2006 6:21:00 AM
Fluoride	0.734	0.100	mg/L	1	11/4/2006 9:57:00 PM
Sulfate	2,100	50.0	mg/L	50	11/5/2006 6:21:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 5:24:00 AM
Surr: Selenate (surr)	99.0	80-120	%REC	1	11/4/2006 9:57:00 PM
Surr: Selenate (surr)	95.2	80-120	%REC	50	11/5/2006 6:21:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-21

Client Sample ID: MW-70
Collection Date: 10/18/2006 1:25:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	99.6		80-120	%REC	5	11/9/2006 5:24:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	196		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	196		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.87	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	5,280		10.0	mg/L	1	10/23/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-22

Client Sample ID: MW-10
 Collection Date: 10/18/2006 2:00:00 PM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.91		SW8015M 0.050	mg/L	1	Prep Date: 10/21/2006 Analyst: JFT 10/24/2006 7:26:00 PM
Surr: 2-Fluorobiphenyl	86.1		60-140	%REC	1	10/24/2006 7:26:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.988		SW8015 0.0500	mg/L	1	Analyst: ABE 10/23/2006 8:11:00 PM
Surr: 4-Bromofluorobenzene	96.0		70-130	%REC	1	10/23/2006 8:11:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/25/2006 Analyst: JCJ 10/27/2006 11:46:07 AM
ICP METALS, TOTAL						
Arsenic	0.0313		SW6020 0.00500	mg/L	1	Prep Date: 10/24/2006 Analyst: SA 11/1/2006 3:43:00 PM
Barium	0.0155		0.00500	mg/L	1	11/1/2006 3:43:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 3:43:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 3:43:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 3:43:00 PM
Magnesium	127		0.200	mg/L	1	11/1/2006 3:43:00 PM
Potassium	3.84		0.200	mg/L	1	11/1/2006 3:43:00 PM
Selenium	ND		0.00500	mg/L	1	11/1/2006 3:43:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 3:43:00 PM
Sodium	1,040		20.0	mg/L	100	11/1/2006 8:17:00 PM
Vanadium	0.00815		0.00500	mg/L	1	11/1/2006 3:43:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/29/2006 1:55:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 1:55:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 1:55:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 1:55:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 1:55:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: MW-10

Work Order: 0610346

Collection Date: 10/18/2006 2:00:00 PM

Project: Navajo Artesia

Lab ID: 0610346-22

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Bromoform	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 1:55:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Chloromethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 1:55:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 1:55:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 1:55:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 1:55:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 1:55:00 PM
Surr: 1,2-Dichloroethane-d4	94.3		70-125	%REC	1	10/29/2006 1:55:00 PM
Surr: 4-Bromofluorobenzene	97.0		72.4-125	%REC	1	10/29/2006 1:55:00 PM
Surr: Dibromofluoromethane	91.4		71.2-125	%REC	1	10/29/2006 1:55:00 PM
Surr: Toluene-d8	90.8		75-125	%REC	1	10/29/2006 1:55:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	1,330	25.0	mg/L	50	11/5/2006 6:43:00 AM
Fluoride	0.833	0.100	mg/L	1	11/4/2006 10:19:00 PM
Sulfate	1,970	50.0	mg/L	50	11/5/2006 6:43:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 5:46:00 AM
Surr: Selenate (surr)	98.5	80-120	%REC	1	11/4/2006 10:19:00 PM
Surr: Selenate (surr)	94.5	80-120	%REC	50	11/5/2006 6:43:00 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

AR Page 59 of 107

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-22

Client Sample ID: MW-10
Collection Date: 10/18/2006 2:00:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: Selenate (surr)	98.4		80-120	%REC	5	11/9/2006 5:46:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO ₃)	227		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	227		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.98	H	0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	5,200		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-23

Client Sample ID: KWB-13
Collection Date: 10/19/2006 10:00:00 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	10/24/2006 8:08:00 PM
Surr: 2-Fluorobiphenyl	67.9		60-140	%REC	1	10/24/2006 8:08:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:48:08 AM
ICP METALS, TOTAL						
Arsenic	0.00871		0.00500	mg/L	1	11/1/2006 3:49:00 PM
Barium	0.0231		0.00500	mg/L	1	11/1/2006 3:49:00 PM
Cadmium	ND		0.00200	mg/L	1	11/1/2006 3:49:00 PM
Chromium	ND		0.00500	mg/L	1	11/1/2006 3:49:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 3:49:00 PM
Magnesium	227		4.00	mg/L	20	11/1/2006 8:23:00 PM
Potassium	0.906		0.200	mg/L	1	11/1/2006 3:49:00 PM
Selenium	0.0141		0.00500	mg/L	1	11/1/2006 3:49:00 PM
Silver	ND		0.00500	mg/L	1	11/1/2006 3:49:00 PM
Sodium	169		4.00	mg/L	20	11/1/2006 8:23:00 PM
Vanadium	0.0180		0.00500	mg/L	1	11/1/2006 3:49:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,1,1,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 2:20:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 2:20:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 2:20:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 2:20:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 2:20:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 2:20:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-23

Client Sample ID: KWB-13
Collection Date: 10/19/2006 10:00:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Chloromethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 2:20:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 2:20:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 2:20:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 2:20:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 2:20:00 PM
Surr: 1,2-Dichloroethane-d4	91.2		70-125	%REC	1	10/29/2006 2:20:00 PM
Surr: 4-Bromofluorobenzene	90.7		72.4-125	%REC	1	10/29/2006 2:20:00 PM
Surr: Dibromofluoromethane	91.3		71.2-125	%REC	1	10/29/2006 2:20:00 PM
Surr: Toluene-d8	91.1		75-125	%REC	1	10/29/2006 2:20:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	181	2.50	mg/L	5	11/5/2006 7:04:00 AM
Fluoride	0.776	0.100	mg/L	1	11/5/2006 12:08:00 AM
Sulfate	1,820	50.0	mg/L	50	11/5/2006 9:38:00 AM
Nitrate/Nitrite (as N)	15.3	0.500	mg/L	5	11/9/2006 6:08:00 AM
Surr: Selenate (surr)	96.1	80-120	%REC	1	11/5/2006 12:08:00 AM
Surr: Selenate (surr)	94.7	80-120	%REC	5	11/5/2006 7:04:00 AM
Surr: Selenate (surr)	94.0	80-120	%REC	50	11/5/2006 9:38:00 AM
Surr: Selenate (surr)	98.7	80-120	%REC	5	11/9/2006 6:08:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	268	5.00	mg/L	1	10/26/2006
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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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: KWB-13

Work Order: 0610346

Collection Date: 10/19/2006 10:00:00 AM

Project: Navajo Artesia

Lab ID: 0610346-23

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO ₃)	268		5.00	mg/L	1	10/26/2006
PH			E150.1			Analyst: VLB
pH	6.94		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	3,380		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-24

Client Sample ID: RA-314
Collection Date: 10/19/2006 10:30:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470		Prep Date: 10/25/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:54:14 AM
ICP METALS, TOTAL			SW6020		Prep Date: 10/24/2006	Analyst: SA
Arsenic	0.00605		0.00500	mg/L	1	10/31/2006 10:15:00 PM
Barium	0.0223		0.00500	mg/L	1	10/31/2006 10:15:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 10:15:00 PM
Chromium	0.00881		0.00500	mg/L	1	10/31/2006 10:15:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 3:55:00 PM
Magnesium	54.5		0.200	mg/L	1	10/31/2006 10:15:00 PM
Potassium	1.13		0.200	mg/L	1	10/31/2006 10:15:00 PM
Selenium	ND		0.00500	mg/L	1	10/31/2006 10:15:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 10:15:00 PM
Sodium	25.8		0.200	mg/L	1	10/31/2006 10:15:00 PM
Vanadium	0.00877		0.00500	mg/L	1	10/31/2006 10:15:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 4:01:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 4:01:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 4:01:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 4:01:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 4:01:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 4:01:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-24

Client Sample ID: RA-314
Collection Date: 10/19/2006 10:30:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 4:01:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 4:01:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 4:01:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 4:01:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 4:01:00 PM
Surr: 1,2-Dichloroethane-d4	88.5		70-125	%REC	1	10/29/2006 4:01:00 PM
Surr: 4-Bromofluorobenzene	81.5		72.4-125	%REC	1	10/29/2006 4:01:00 PM
Surr: Dibromofluoromethane	87.3		71.2-125	%REC	1	10/29/2006 4:01:00 PM
Surr: Toluene-d8	91.7		75-125	%REC	1	10/29/2006 4:01:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	34.0		0.500	mg/L	1	11/5/2006 12:30:00 AM
Fluoride	0.906		0.100	mg/L	1	11/5/2006 12:30:00 AM
Sulfate	486		25.0	mg/L	25	11/5/2006 10:22:00 AM
Nitrate/Nitrite (as N)	0.517		0.500	mg/L	5	11/9/2006 7:35:00 AM
Surr: Selenate (surr)	96.2		80-120	%REC	1	11/5/2006 12:30:00 AM
Surr: Selenate (surr)	95.3		80-120	%REC	25	11/5/2006 10:22:00 AM
Surr: Selenate (surr)	101		80-120	%REC	5	11/9/2006 7:35:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	108		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	108		5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-314

Work Order: 0610346

Collection Date: 10/19/2006 10:30:00 AM

Project: Navajo Artesia

Lab ID: 0610346-24

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.17		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	999		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-25

Client Sample ID: RA-3723
Collection Date: 10/19/2006 10:45:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			Prep Date: 10/25/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:56:13 AM
ICP METALS, TOTAL			SW6020			Prep Date: 10/24/2006 Analyst: SA
Arsenic	0.00673		0.00500	mg/L	1	10/31/2006 10:21:00 PM
Barium	0.0178		0.00500	mg/L	1	10/31/2006 10:21:00 PM
Cadmium	ND		0.00200	mg/L	1	10/31/2006 10:21:00 PM
Chromium	0.0118		0.00500	mg/L	1	10/31/2006 10:21:00 PM
Lead	ND		0.00500	mg/L	1	11/1/2006 4:01:00 PM
Magnesium	48.1		0.200	mg/L	1	10/31/2006 10:21:00 PM
Potassium	1.05		0.200	mg/L	1	10/31/2006 10:21:00 PM
Selenium	ND		0.00500	mg/L	1	10/31/2006 10:21:00 PM
Silver	ND		0.00500	mg/L	1	10/31/2006 10:21:00 PM
Sodium	15.4		0.200	mg/L	1	10/31/2006 10:21:00 PM
Vanadium	0.00674		0.00500	mg/L	1	10/31/2006 10:21:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 4:26:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 4:26:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 4:26:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 4:26:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 4:26:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 4:26:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3723

Work Order: 0610346

Collection Date: 10/19/2006 10:45:00 AM

Project: Navajo Artesia

Lab ID: 0610346-25

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 4:26:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 4:26:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 4:26:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 4:26:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 4:26:00 PM
Surr: 1,2-Dichloroethane-d4	84.3		70-125	%REC	1	10/29/2006 4:26:00 PM
Surr: 4-Bromofluorobenzene	77.2		72.4-125	%REC	1	10/29/2006 4:26:00 PM
Surr: Dibromofluoromethane	83.0		71.2-125	%REC	1	10/29/2006 4:26:00 PM
Surr: Toluene-d8	88.5		75-125	%REC	1	10/29/2006 4:26:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	15.0		0.500	mg/L	1	11/5/2006 12:52:00 AM
Fluoride	0.954		0.100	mg/L	1	11/5/2006 12:52:00 AM
Sulfate	414		25.0	mg/L	25	11/5/2006 10:44:00 AM
Nitrate/Nitrite (as N)	0.534		0.500	mg/L	5	11/9/2006 7:57:00 AM
Surr: Selenate (surr)	96.8		80-120	%REC	1	11/5/2006 12:52:00 AM
Surr: Selenate (surr)	94.6		80-120	%REC	25	11/5/2006 10:44:00 AM
Surr: Selenate (surr)	100		80-120	%REC	5	11/9/2006 7:57:00 AM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	185		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	185		5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3723

Work Order: 0610346

Collection Date: 10/19/2006 10:45:00 AM

Project: Navajo Artesia

Lab ID: 0610346-25

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.19		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	816		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-26

Client Sample ID: RA-4196
Collection Date: 10/19/2006 10:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			Prep Date: 10/25/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 11:12:23 AM
ICP METALS, TOTAL			SW6020			Prep Date: 10/24/2006 Analyst: ALR
Arsenic	ND		0.00500	mg/L	1	10/26/2006 7:52:00 PM
Barium	0.00862		0.00500	mg/L	1	10/26/2006 7:52:00 PM
Cadmium	0.00887		0.00200	mg/L	1	10/26/2006 7:52:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 7:52:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 7:52:00 PM
Magnesium	132		0.200	mg/L	1	10/26/2006 7:52:00 PM
Potassium	2.12		0.200	mg/L	1	10/26/2006 7:52:00 PM
Selenium	ND		0.00500	mg/L	1	10/26/2006 7:52:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 7:52:00 PM
Sodium	79.3		0.200	mg/L	1	10/26/2006 7:52:00 PM
Vanadium	ND		0.00500	mg/L	1	10/26/2006 7:52:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 4:51:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 4:51:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 4:51:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 4:51:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 4:51:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 4:51:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-4196

Work Order: 0610346

Collection Date: 10/19/2006 10:50:00 AM

Project: Navajo Artesia

Lab ID: 0610346-26

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 4:51:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 4:51:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 4:51:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 4:51:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 4:51:00 PM
Surr: 1,2-Dichloroethane-d4	91.4		70-125	%REC	1	10/29/2006 4:51:00 PM
Surr: 4-Bromofluorobenzene	81.5		72.4-125	%REC	1	10/29/2006 4:51:00 PM
Surr: Dibromofluoromethane	96.2		71.2-125	%REC	1	10/29/2006 4:51:00 PM
Surr: Toluene-d8	94.3		75-125	%REC	1	10/29/2006 4:51:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	260	5.00	mg/L	10	11/5/2006 11:05:00 AM
Fluoride	0.389	0.100	mg/L	1	11/5/2006 1:14:00 AM
Sulfate	1,350	50.0	mg/L	50	11/5/2006 11:27:00 AM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 9:25:00 AM
Surr: Selenate (surr)	98.5	80-120	%REC	1	11/5/2006 1:14:00 AM
Surr: Selenate (surr)	95.1	80-120	%REC	10	11/5/2006 11:05:00 AM
Surr: Selenate (surr)	95.0	80-120	%REC	50	11/5/2006 11:27:00 AM
Surr: Selenate (surr)	100	80-120	%REC	5	11/9/2006 9:25:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	154	5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	154	5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-4196

Work Order: 0610346

Collection Date: 10/19/2006 10:50:00 AM

Project: Navajo Artesia

Lab ID: 0610346-26

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.15		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	2,550		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-27

Client Sample ID: RA-4798
Collection Date: 10/19/2006 11:00:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 10/25/2006 Analyst: JCJ 10/27/2006 11:58:13 AM
ICP METALS, TOTAL						
Arsenic	ND		SW6020 0.00500	mg/L	1	Prep Date: 10/24/2006 Analyst: ALR 10/26/2006 7:58:00 PM
Barium	0.00753		0.00500	mg/L	1	10/26/2006 7:58:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 7:58:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 7:58:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 7:58:00 PM
Magnesium	125		0.200	mg/L	1	10/26/2006 7:58:00 PM
Potassium	2.11		0.200	mg/L	1	10/26/2006 7:58:00 PM
Selenium	0.00788		0.00500	mg/L	1	10/26/2006 7:58:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 7:58:00 PM
Sodium	95.9		0.200	mg/L	1	10/26/2006 7:58:00 PM
Vanadium	0.00970		0.00500	mg/L	1	10/26/2006 7:58:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 10/29/2006 5:16:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 5:16:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 5:16:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 5:16:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 5:16:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 5:16:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 5:16:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-4798

Work Order: 0610346

Collection Date: 10/19/2006 11:00:00 AM

Project: Navajo Artesia

Lab ID: 0610346-27

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 5:16:00 PM
Methyl tert-butyl ether	6.9		5.0	µg/L	1	10/29/2006 5:16:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 5:16:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 5:16:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 5:16:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 5:16:00 PM
Surr: 1,2-Dichloroethane-d4	92.8		70-125	%REC	1	10/29/2006 5:16:00 PM
Surr: 4-Bromofluorobenzene	80.9		72.4-125	%REC	1	10/29/2006 5:16:00 PM
Surr: Dibromofluoromethane	92.1		71.2-125	%REC	1	10/29/2006 5:16:00 PM
Surr: Toluene-d8	92.4		75-125	%REC	1	10/29/2006 5:16:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	134		2.50	mg/L	5	11/5/2006 11:49:00 AM
Fluoride	0.339		0.100	mg/L	1	11/5/2006 1:36:00 AM
Sulfate	1,310		50.0	mg/L	50	11/5/2006 12:11:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	11/9/2006 9:47:00 AM
Surr: Selenate (surr)	97.1		80-120	%REC	1	11/5/2006 1:36:00 AM
Surr: Selenate (surr)	96.1		80-120	%REC	5	11/5/2006 11:49:00 AM
Surr: Selenate (surr)	94.4		80-120	%REC	50	11/5/2006 12:11:00 PM
Surr: Selenate (surr)	99.9		80-120	%REC	5	11/9/2006 9:47:00 AM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	237		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	237		5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-4798

Work Order: 0610346

Collection Date: 10/19/2006 11:00:00 AM

Project: Navajo Artesia

Lab ID: 0610346-27

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	6.95		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	2,360		10.0	mg/L	1	10/24/2006

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 75 of 107

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3353

Work Order: 0610346

Collection Date: 10/19/2006 11:20:00 AM

Project: Navajo Artesia

Lab ID: 0610346-28

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470		Prep Date: 10/25/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 12:00:12 PM
ICP METALS, TOTAL			SW6020		Prep Date: 10/24/2006	Analyst: ALR
Arsenic	0.00724		0.00500	mg/L	1	10/26/2006 8:04:00 PM
Barium	0.0205		0.00500	mg/L	1	10/26/2006 8:04:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 8:04:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 8:04:00 PM
Lead	0.0608		0.00500	mg/L	1	10/26/2006 8:04:00 PM
Magnesium	91.7		0.200	mg/L	1	10/26/2006 8:04:00 PM
Potassium	2.00		0.200	mg/L	1	10/26/2006 8:04:00 PM
Selenium	ND		0.00500	mg/L	1	10/26/2006 8:04:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 8:04:00 PM
Sodium	81.8		0.200	mg/L	1	10/26/2006 8:04:00 PM
Vanadium	0.0242		0.00500	mg/L	1	10/26/2006 8:04:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 7:47:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 7:47:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 7:47:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 7:47:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 7:47:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 7:47:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3353

Work Order: 0610346

Collection Date: 10/19/2006 11:20:00 AM

Project: Navajo Artesia

Lab ID: 0610346-28

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 7:47:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 7:47:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 7:47:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 7:47:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 7:47:00 PM
Surr: 1,2-Dichloroethane-d4	90.8		70-125	%REC	1	10/29/2006 7:47:00 PM
Surr: 4-Bromofluorobenzene	77.0		72.4-125	%REC	1	10/29/2006 7:47:00 PM
Surr: Dibromofluoromethane	97.3		71.2-125	%REC	1	10/29/2006 7:47:00 PM
Surr: Toluene-d8	89.6		75-125	%REC	1	10/29/2006 7:47:00 PM

ANIONS BY ION CHROMATOGRAPHY

E300

Analyst: LMD

Chloride	201	2.50	mg/L	5	11/5/2006 12:33:00 PM
Fluoride	0.232	0.100	mg/L	1	11/5/2006 1:58:00 AM
Sulfate	977	50.0	mg/L	50	11/5/2006 12:55:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 12:54:00 PM
Surr: Selenate (surr)	96.5	80-120	%REC	1	11/5/2006 1:58:00 AM
Surr: Selenate (surr)	97.3	80-120	%REC	5	11/5/2006 12:33:00 PM
Surr: Selenate (surr)	98.3	80-120	%REC	50	11/5/2006 12:55:00 PM
Surr: Selenate (surr)	102	80-120	%REC	5	11/9/2006 12:54:00 PM

ALKALINITY

E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	30.9	5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	30.9	5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3353

Work Order: 0610346

Collection Date: 10/19/2006 11:20:00 AM

Project: Navajo Artesia

Lab ID: 0610346-28

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	6.58		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	1,640		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-29

Client Sample ID: RA-3156
Collection Date: 10/19/2006 11:30:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470		Prep Date: 10/25/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 12:02:12 PM
ICP METALS, TOTAL			SW6020		Prep Date: 10/24/2006	Analyst: ALR
Arsenic	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
Barium	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 8:10:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
Magnesium	145		0.200	mg/L	1	10/26/2006 8:10:00 PM
Potassium	1.98		0.200	mg/L	1	10/26/2006 8:10:00 PM
Selenium	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
Sodium	158		0.200	mg/L	1	10/26/2006 8:10:00 PM
Vanadium	ND		0.00500	mg/L	1	10/26/2006 8:10:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 5:42:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 5:42:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 5:42:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 5:42:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 5:42:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 5:42:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3156

Work Order: 0610346

Collection Date: 10/19/2006 11:30:00 AM

Project: Navajo Artesia

Lab ID: 0610346-29

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 5:42:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 5:42:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 5:42:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 5:42:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 5:42:00 PM
Surr: 1,2-Dichloroethane-d4	97.2		70-125	%REC	1	10/29/2006 5:42:00 PM
Surr: 4-Bromofluorobenzene	82.0		72.4-125	%REC	1	10/29/2006 5:42:00 PM
Surr: Dibromofluoromethane	96.0		71.2-125	%REC	1	10/29/2006 5:42:00 PM
Surr: Toluene-d8	95.8		75-125	%REC	1	10/29/2006 5:42:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300
Analyst: LMD

Chloride	249		5.00	mg/L	10	11/5/2006 2:23:00 PM
Fluoride	0.296		0.100	mg/L	1	11/5/2006 2:20:00 AM
Sulfate	1,590		50.0	mg/L	50	11/5/2006 2:45:00 PM
Nitrate/Nitrite (as N)	4.26		0.500	mg/L	5	11/9/2006 1:16:00 PM
Surr: Selenate (surr)	94.5		80-120	%REC	10	11/5/2006 2:23:00 PM
Surr: Selenate (surr)	95.1		80-120	%REC	50	11/5/2006 2:45:00 PM
Surr: Selenate (surr)	97.4		80-120	%REC	1	11/5/2006 2:20:00 AM
Surr: Selenate (surr)	99.2		80-120	%REC	5	11/9/2006 1:16:00 PM

ALKALINITY
E310.1
Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	258		5.00	mg/L	1	10/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/26/2006
Alkalinity, Total (As CaCO3)	258		5.00	mg/L	1	10/26/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: RA-3156

Work Order: 0610346

Collection Date: 10/19/2006 11:30:00 AM

Project: Navajo Artesia

Lab ID: 0610346-29

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.15		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	2,970		10.0	mg/L	1	10/24/2006

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 81 of 107

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-30

Client Sample ID: Larve Well
Collection Date: 10/19/2006 11:50:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			Prep Date: 10/25/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 12:04:13 PM
ICP METALS, TOTAL			SW6020			Prep Date: 10/24/2006 Analyst: ALR
Arsenic	ND		0.00500	mg/L	1	10/26/2006 8:16:00 PM
Barium	0.00545		0.00500	mg/L	1	10/26/2006 8:16:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 8:16:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 8:16:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 8:16:00 PM
Magnesium	144		0.200	mg/L	1	10/26/2006 8:16:00 PM
Potassium	1.99		0.200	mg/L	1	10/26/2006 8:16:00 PM
Selenium	ND		0.00500	mg/L	1	10/26/2006 8:16:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 8:16:00 PM
Sodium	156		0.200	mg/L	1	10/26/2006 8:16:00 PM
Vanadium	ND		0.00500	mg/L	1	10/26/2006 8:16:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 6:07:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 6:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 6:07:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 6:07:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 6:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 6:07:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-30

Client Sample ID: Larve Well
Collection Date: 10/19/2006 11:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 6:07:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 6:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 6:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 6:07:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	92.4		70-125	%REC	1	10/29/2006 6:07:00 PM
Surr: 4-Bromofluorobenzene	79.1		72.4-125	%REC	1	10/29/2006 6:07:00 PM
Surr: Dibromofluoromethane	96.4		71.2-125	%REC	1	10/29/2006 6:07:00 PM
Surr: Toluene-d8	92.3		75-125	%REC	1	10/29/2006 6:07:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	122		2.50	mg/L	5	11/5/2006 3:06:00 PM
Fluoride	0.433		0.100	mg/L	1	11/5/2006 2:42:00 AM
Sulfate	1,500		50.0	mg/L	50	11/5/2006 3:28:00 PM
Nitrate/Nitrite (as N)	7.79		0.500	mg/L	5	11/9/2006 1:37:00 PM
Surr: Selenate (surr)	95.6		80-120	%REC	5	11/5/2006 3:06:00 PM
Surr: Selenate (surr)	95.2		80-120	%REC	50	11/5/2006 3:28:00 PM
Surr: Selenate (surr)	96.8		80-120	%REC	1	11/5/2006 2:42:00 AM
Surr: Selenate (surr)	100		80-120	%REC	5	11/9/2006 1:37:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	268		5.00	mg/L	1	10/27/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/27/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/27/2006
Alkalinity, Total (As CaCO3)	268		5.00	mg/L	1	10/27/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Larve Well

Work Order: 0610346

Collection Date: 10/19/2006 11:50:00 AM

Project: Navajo Artesia

Lab ID: 0610346-30

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	6.91		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	2,660		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-31

Client Sample ID: DUPLICATE 102
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470		Prep Date: 10/25/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 12:06:13 PM
ICP METALS, TOTAL			SW6020		Prep Date: 10/24/2006	Analyst: ALR
Arsenic	ND		0.00500	mg/L	1	10/26/2006 8:22:00 PM
Barium	0.00890		0.00500	mg/L	1	10/26/2006 8:22:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 8:22:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 8:22:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 8:22:00 PM
Magnesium	307		10.0	mg/L	50	10/27/2006 8:10:00 PM
Potassium	1.22		0.200	mg/L	1	10/26/2006 8:22:00 PM
Selenium	ND		0.00500	mg/L	1	10/26/2006 8:22:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 8:22:00 PM
Sodium	219		10.0	mg/L	50	10/27/2006 8:10:00 PM
Vanadium	0.00787		0.00500	mg/L	1	10/26/2006 8:22:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 6:32:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 6:32:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 6:32:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 6:32:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 6:32:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 6:32:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: DUPLICATE 102

Work Order: 0610346

Collection Date: 10/19/2006

Project: Navajo Artesia

Lab ID: 0610346-31

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 6:32:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 6:32:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 6:32:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 6:32:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 6:32:00 PM
Surr: 1,2-Dichloroethane-d4	94.8		70-125	%REC	1	10/29/2006 6:32:00 PM
Surr: 4-Bromofluorobenzene	87.7		72.4-125	%REC	1	10/29/2006 6:32:00 PM
Surr: Dibromofluoromethane	100		71.2-125	%REC	1	10/29/2006 6:32:00 PM
Surr: Toluene-d8	93.0		75-125	%REC	1	10/29/2006 6:32:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300
Analyst: LMD

Chloride	200	2.50	mg/L	5	11/5/2006 3:50:00 PM
Fluoride	1.00	0.100	mg/L	1	11/5/2006 3:03:00 AM
Sulfate	2,230	50.0	mg/L	50	11/5/2006 4:12:00 PM
Nitrate/Nitrite (as N)	ND	0.500	mg/L	5	11/9/2006 3:05:00 PM
Surr: Selenate (surr)	96.1	80-120	%REC	5	11/5/2006 3:50:00 PM
Surr: Selenate (surr)	95.0	80-120	%REC	50	11/5/2006 4:12:00 PM
Surr: Selenate (surr)	94.4	80-120	%REC	1	11/5/2006 3:03:00 AM
Surr: Selenate (surr)	99.4	80-120	%REC	5	11/9/2006 3:05:00 PM

ALKALINITY
E310.1
Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	392	5.00	mg/L	1	10/27/2006
Alkalinity, Carbonate (As CaCO3)	ND	5.00	mg/L	1	10/27/2006
Alkalinity, Hydroxide (As CaCO3)	ND	5.00	mg/L	1	10/27/2006
Alkalinity, Total (As CaCO3)	392	5.00	mg/L	1	10/27/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-31

Client Sample ID: DUPLICATE 102
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	6.82		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	3,960		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-32

Client Sample ID: DUPLICATE 103
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			Prep Date: 10/25/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 12:08:14 PM
ICP METALS, TOTAL			SW6020			Prep Date: 10/24/2006 Analyst: ALR
Arsenic	0.00880		0.00500	mg/L	1	10/26/2006 8:45:00 PM
Barium	0.0142		0.00500	mg/L	1	10/26/2006 8:45:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 8:45:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 8:45:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 8:45:00 PM
Magnesium	230		10.0	mg/L	50	10/27/2006 8:16:00 PM
Potassium	10.3		0.200	mg/L	1	10/26/2006 8:45:00 PM
Selenium	ND		0.00500	mg/L	1	10/26/2006 8:45:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 8:45:00 PM
Sodium	413		10.0	mg/L	50	10/27/2006 8:16:00 PM
Vanadium	0.00668		0.00500	mg/L	1	10/26/2006 8:45:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 6:57:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 6:57:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 6:57:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 6:57:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 6:57:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 6:57:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-32

Client Sample ID: DUPLICATE 103
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 6:57:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 6:57:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 6:57:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 6:57:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 6:57:00 PM
Surr: 1,2-Dichloroethane-d4	91.7		70-125	%REC	1	10/29/2006 6:57:00 PM
Surr: 4-Bromofluorobenzene	86.3		72.4-125	%REC	1	10/29/2006 6:57:00 PM
Surr: Dibromofluoromethane	97.9		71.2-125	%REC	1	10/29/2006 6:57:00 PM
Surr: Toluene-d8	88.6		75-125	%REC	1	10/29/2006 6:57:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	660		25.0	mg/L	50	11/5/2006 4:34:00 PM
Fluoride	2.26		0.100	mg/L	1	11/5/2006 3:25:00 AM
Sulfate	2,310		50.0	mg/L	50	11/5/2006 4:34:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	11/9/2006 3:27:00 PM
Surr: Selenate (surr)	96.1		80-120	%REC	50	11/5/2006 4:34:00 PM
Surr: Selenate (surr)	93.3		80-120	%REC	1	11/5/2006 3:25:00 AM
Surr: Selenate (surr)	98.6		80-120	%REC	5	11/9/2006 3:27:00 PM
ALKALINITY			E310.1			Analyst: PV
Alkalinity, Bicarbonate (As CaCO3)	268		5.00	mg/L	1	10/27/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/27/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/27/2006
Alkalinity, Total (As CaCO3)	268		5.00	mg/L	1	10/27/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-32

Client Sample ID: DUPLICATE 103
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.01		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	4,730		10.0	mg/L	1	10/24/2006

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

AR Page 90 of 107

e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-33

Client Sample ID: DUPLICATE 104
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470		Prep Date: 10/25/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	10/27/2006 12:10:16 PM
ICP METALS, TOTAL			SW6020		Prep Date: 10/24/2006	Analyst: ALR
Arsenic	ND		0.00500	mg/L	1	10/26/2006 8:51:00 PM
Barium	0.00748		0.00500	mg/L	1	10/26/2006 8:51:00 PM
Cadmium	ND		0.00200	mg/L	1	10/26/2006 8:51:00 PM
Chromium	ND		0.00500	mg/L	1	10/26/2006 8:51:00 PM
Lead	ND		0.00500	mg/L	1	10/26/2006 8:51:00 PM
Magnesium	125		0.200	mg/L	1	10/26/2006 8:51:00 PM
Potassium	2.13		0.200	mg/L	1	10/26/2006 8:51:00 PM
Selenium	0.00815		0.00500	mg/L	1	10/26/2006 8:51:00 PM
Silver	ND		0.00500	mg/L	1	10/26/2006 8:51:00 PM
Sodium	94.9		0.200	mg/L	1	10/26/2006 8:51:00 PM
Vanadium	0.00952		0.00500	mg/L	1	10/26/2006 8:51:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
2-Butanone	ND		10	µg/L	1	10/29/2006 7:22:00 PM
2-Hexanone	ND		10	µg/L	1	10/29/2006 7:22:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/29/2006 7:22:00 PM
Acetone	ND		10	µg/L	1	10/29/2006 7:22:00 PM
Benzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Bromoform	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Bromomethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Carbon disulfide	ND		10	µg/L	1	10/29/2006 7:22:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Chloroethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Chloroform	ND		5.0	µg/L	1	10/29/2006 7:22:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-33

Client Sample ID: DUPLICATE 104
Collection Date: 10/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Chloromethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
m,p-Xylene	ND		10	µg/L	1	10/29/2006 7:22:00 PM
Methyl tert-butyl ether	6.5		5.0	µg/L	1	10/29/2006 7:22:00 PM
Methylene chloride	ND		10	µg/L	1	10/29/2006 7:22:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Naphthalene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
o-Xylene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Styrene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Toluene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/29/2006 7:22:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/29/2006 7:22:00 PM
Xylenes, Total	ND		15	µg/L	1	10/29/2006 7:22:00 PM
Surr: 1,2-Dichloroethane-d4	92.8		70-125	%REC	1	10/29/2006 7:22:00 PM
Surr: 4-Bromofluorobenzene	77.8		72.4-125	%REC	1	10/29/2006 7:22:00 PM
Surr: Dibromofluoromethane	98.2		71.2-125	%REC	1	10/29/2006 7:22:00 PM
Surr: Toluene-d8	89.5		75-125	%REC	1	10/29/2006 7:22:00 PM

ANIONS BY ION CHROMATOGRAPHY
E300

Analyst: LMD

Chloride	131		2.50	mg/L	5	11/5/2006 4:56:00 PM
Fluoride	0.340		0.100	mg/L	1	11/4/2006 10:41:00 PM
Sulfate	1,310		50.0	mg/L	50	11/5/2006 5:18:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	11/9/2006 3:49:00 PM
Surr: Selenate (surr)	97.9		80-120	%REC	1	11/4/2006 10:41:00 PM
Surr: Selenate (surr)	96.4		80-120	%REC	5	11/5/2006 4:56:00 PM
Surr: Selenate (surr)	95.7		80-120	%REC	50	11/5/2006 5:18:00 PM
Surr: Selenate (surr)	99.3		80-120	%REC	5	11/9/2006 3:49:00 PM

ALKALINITY
E310.1

Analyst: PV

Alkalinity, Bicarbonate (As CaCO3)	232		5.00	mg/L	1	10/27/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	10/27/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	10/27/2006
Alkalinity, Total (As CaCO3)	232		5.00	mg/L	1	10/27/2006

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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: DUPLICATE 104

Work Order: 0610346

Collection Date: 10/19/2006

Project: Navajo Artesia

Lab ID: 0610346-33

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
PH			E150.1			Analyst: VLB
pH	7.01		0.100	pH units	1	10/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: VLB
Total Dissolved Solids (Residue, Filterable)	2,390		10.0	mg/L	1	10/24/2006

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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-34

Client Sample ID: Trip Blank 2062
Collection Date: 10/19/2006

Matrix: TRIP BLANK

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	10/27/2006 8:29:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 8:29:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 8:29:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 8:29:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 8:29:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 8:29:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 8:29:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 8:29:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 8:29:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-34

Client Sample ID: Trip Blank 2062
Collection Date: 10/19/2006

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 8:29:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 8:29:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 8:29:00 PM
Surr: 1,2-Dichloroethane-d4	101		70-125	%REC	1	10/27/2006 8:29:00 PM
Surr: 4-Bromofluorobenzene	108		72.4-125	%REC	1	10/27/2006 8:29:00 PM
Surr: Dibromofluoromethane	111		71.2-125	%REC	1	10/27/2006 8:29:00 PM
Surr: Toluene-d8	112		75-125	%REC	1	10/27/2006 8:29:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 2050

Work Order: 0610346

Collection Date: 10/19/2006

Project: Navajo Artesia

Lab ID: 0610346-35

Matrix: TRIP BLANK

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	10/27/2006 8:56:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 8:56:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 8:56:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 8:56:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 8:56:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 8:56:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 8:56:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 8:56:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 8:56:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 2050

Work Order: 0610346

Collection Date: 10/19/2006

Project: Navajo Artesia

Lab ID: 0610346-35

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 8:56:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 8:56:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 8:56:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/27/2006 8:56:00 PM
Surr: 4-Bromofluorobenzene	108		72.4-125	%REC	1	10/27/2006 8:56:00 PM
Surr: Dibromofluoromethane	112		71.2-125	%REC	1	10/27/2006 8:56:00 PM
Surr: Toluene-d8	111		75-125	%REC	1	10/27/2006 8:56:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 2053

Work Order: 0610346

Collection Date: 10/19/2006

Project: Navajo Artesia

Lab ID: 0610346-36

Matrix: TRIP BLANK

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	10/27/2006 9:23:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 9:23:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 9:23:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 9:23:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 9:23:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 9:23:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 9:23:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 9:23:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 9:23:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-36

Client Sample ID: Trip Blank 2053
Collection Date: 10/19/2006

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 9:23:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 9:23:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 9:23:00 PM
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	1	10/27/2006 9:23:00 PM
Surr: 4-Bromofluorobenzene	109		72.4-125	%REC	1	10/27/2006 9:23:00 PM
Surr: Dibromofluoromethane	112		71.2-125	%REC	1	10/27/2006 9:23:00 PM
Surr: Toluene-d8	112		75-125	%REC	1	10/27/2006 9:23:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-37

Client Sample ID: Trip Blank 2069
Collection Date: 10/19/2006

Matrix: TRIP BLANK

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	10/27/2006 9:51:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 9:51:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 9:51:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 9:51:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 9:51:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 9:51:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 9:51:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 9:51:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 9:51:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-37

Client Sample ID: Trip Blank 2069
Collection Date: 10/19/2006

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 9:51:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 9:51:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 9:51:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	10/27/2006 9:51:00 PM
Surr: 4-Bromofluorobenzene	109		72.4-125	%REC	1	10/27/2006 9:51:00 PM
Surr: Dibromofluoromethane	112		71.2-125	%REC	1	10/27/2006 9:51:00 PM
Surr: Toluene-d8	111		75-125	%REC	1	10/27/2006 9:51:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-38

Client Sample ID: Trip Blank 1118
Collection Date: 10/19/2006
Matrix: TRIP BLANK

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	10/27/2006 10:18:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 10:18:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 10:18:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 10:18:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 10:18:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 10:18:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 10:18:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 10:18:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 10:18:00 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: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank 1118

Work Order: 0610346

Collection Date: 10/19/2006

Project: Navajo Artesia

Lab ID: 0610346-38

Matrix: TRIP BLANK

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 10:18:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 10:18:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 10:18:00 PM
Surr: 1,2-Dichloroethane-d4	101		70-125	%REC	1	10/27/2006 10:18:00 PM
Surr: 4-Bromofluorobenzene	109		72.4-125	%REC	1	10/27/2006 10:18:00 PM
Surr: Dibromofluoromethane	112		71.2-125	%REC	1	10/27/2006 10:18:00 PM
Surr: Toluene-d8	110		75-125	%REC	1	10/27/2006 10:18:00 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: November 10, 2006

CLIENT: Navajo Refining Company
 Work Order: 0610346
 Project: Navajo Artesia
 Lab ID: 0610346-39

Client Sample ID: FIELD BLANK (10/16)
 Collection Date: 10/16/2006 3:30:00 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	10/27/2006 10:45:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 10:45:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 10:45:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 10:45:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 10:45:00 PM
Benzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 10:45:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Ethylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 10:45:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 10:45:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 10:45:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-39

Client Sample ID: FIELD BLANK (10/16)
Collection Date: 10/16/2006 3:30:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 10:45:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 10:45:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 10:45:00 PM
Surr: 1,2-Dichloroethane-d4	102		70-125	%REC	1	10/27/2006 10:45:00 PM
Surr: 4-Bromofluorobenzene	110		72.4-125	%REC	1	10/27/2006 10:45:00 PM
Surr: Dibromofluoromethane	111		71.2-125	%REC	1	10/27/2006 10:45:00 PM
Surr: Toluene-d8	111		75-125	%REC	1	10/27/2006 10:45:00 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: November 10, 2006

CLIENT: Navajo Refining Company
Work Order: 0610346
Project: Navajo Artesia
Lab ID: 0610346-40

Client Sample ID: EQUIPMENT BLANK (10/16)
Collection Date: 10/16/2006 3:30:00 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	10/27/2006 11:13:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
2-Butanone	ND		10	µg/L	1	10/27/2006 11:13:00 PM
2-Hexanone	ND		10	µg/L	1	10/27/2006 11:13:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	10/27/2006 11:13:00 PM
Acetone	ND		10	µg/L	1	10/27/2006 11:13:00 PM
Benzene	11		5.0	µg/L	1	10/27/2006 11:13:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Bromoform	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Bromomethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Carbon disulfide	ND		10	µg/L	1	10/27/2006 11:13:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Chlorobenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Chloroethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Chloroform	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Chloromethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Ethylbenzene	5.4		5.0	µg/L	1	10/27/2006 11:13:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
m,p-Xylene	ND		10	µg/L	1	10/27/2006 11:13:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Methylene chloride	ND		10	µg/L	1	10/27/2006 11:13:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Naphthalene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
o-Xylene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Styrene	ND		5.0	µg/L	1	10/27/2006 11:13:00 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

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e-Lab Analytical, Inc.

Date: November 10, 2006

CLIENT: Navajo Refining Company

Client Sample ID: EQUIPMENT BLANK (10/16)

Work Order: 0610346

Collection Date: 10/16/2006 3:30:00 PM

Project: Navajo Artesia

Lab ID: 0610346-40

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Toluene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Trichloroethene	ND		5.0	µg/L	1	10/27/2006 11:13:00 PM
Vinyl chloride	ND		2.0	µg/L	1	10/27/2006 11:13:00 PM
Xylenes, Total	ND		15	µg/L	1	10/27/2006 11:13:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	10/27/2006 11:13:00 PM
Surr: 4-Bromofluorobenzene	110		72.4-125	%REC	1	10/27/2006 11:13:00 PM
Surr: Dibromofluoromethane	113		71.2-125	%REC	1	10/27/2006 11:13:00 PM
Surr: Toluene-d8	113		75-125	%REC	1	10/27/2006 11:13:00 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

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e-Lab Analytical, Inc.

Date: Nov 10 2006

CLIENT: Navajo Refining Company

Work Order: 0610346

Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20400 Instrument ID FID-7 Method: SW8015M

MBLK Sample ID: FBLKW1-061021 Units: mg/L Analysis Date: 10/24/06 11:05

Client ID: Run ID: FID-7_061021A SeqNo: 980673 Prep Date: 10/21/2006 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	0.08178	0.010	0.1	0	81.8	60-140	0			

LCS Sample ID: FLCSW1-061021 Units: mg/L Analysis Date: 10/24/06 13:09

Client ID: Run ID: FID-7_061021A SeqNo: 980674 Prep Date: 10/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.7412	0.050	1	0	74.1	60-140	0			
Surr: 2-Fluorobiphenyl	0.07958	0.010	0.1	0	79.6	60-140	0			

LCSD Sample ID: FLCSDW1-061021 Units: mg/L Analysis Date: 10/24/06 13:50

Client ID: Run ID: FID-7_061021A SeqNo: 980675 Prep Date: 10/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.7482	0.050	1	0	74.8	60-140	0.7412	0.941	20	
Surr: 2-Fluorobiphenyl	0.08335	0.010	0.1	0	83.4	60-140	0.07958	4.63	20	

The following samples were analyzed in this batch:

0610346-01B	0610346-02B	0610346-03B
0610346-04B	0610346-05B	0610346-08B
0610346-09B	0610346-10B	0610346-17B
0610346-18B	0610346-19B	0610346-20B
0610346-21C	0610346-22C	0610346-23B

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43051 Instrument ID FID-9 Method: SW8015

MBLK Sample ID: GBLKW-1023 Units: mg/L Analysis Date: 10/23/06 12:25

Client ID: Run ID: FID-9_061023B SeqNo: 978424 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	0.09435	0.0050	0.1	0	94.3	70-130	0			

LCS Sample ID: GLCSW-1023 Units: mg/L Analysis Date: 10/23/06 12:02

Client ID: Run ID: FID-9_061023B SeqNo: 978423 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	0.8864	0.050	1	0	88.6	70-130	0			
Surr: 4-Bromofluorobenzene	0.09536	0.0050	0.1	0	95.4	70-130	0			

MS Sample ID: 0610202-02ZMS Units: mg/L Analysis Date: 10/23/06 15:43

Client ID: Run ID: FID-9_061023B SeqNo: 978429 Prep Date: DF: 1000

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1156	50	1000	256.7	89.9	70-130	0			
Surr: 4-Bromofluorobenzene	98.95	5.0	100	0	98.9	70-130	0			

MSD Sample ID: 0610202-02ZMSD Units: mg/L Analysis Date: 10/23/06 16:06

Client ID: Run ID: FID-9_061023B SeqNo: 978430 Prep Date: DF: 1000

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Gasoline Range Organics	1062	50	1000	256.7	80.5	70-130	1156	8.5	30	
Surr: 4-Bromofluorobenzene	94.19	5.0	100	0	94.2	70-130	98.95	4.92	30	

The following samples were analyzed in this batch:

0610346-21B 0610346-22B

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20447 Instrument ID ICP7500 Method: SW6020

MBLK Sample ID: MBLKW5-102406 Units: mg/L Analysis Date: 11/01/06 14:13

Client ID: Run ID: ICP7500_061101B SeqNo: 986315 Prep Date: 10/24/2006 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	0.001314	0.0050								J
Cadmium	0.000179	0.0020								J
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: MLCSW5-102406 Units: mg/L Analysis Date: 10/31/06 17:08

Client ID: Run ID: ICP7500_061031A SeqNo: 984982 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05118	0.0050	0.05	0	102	80-121	0			
Barium	0.05212	0.0050	0.05	0	104	79.8-119	0			
Cadmium	0.05594	0.0020	0.05	0	112	79.1-119	0			
Chromium	0.05036	0.0050	0.05	0	101	79.3-121	0			
Lead	0.05194	0.0050	0.05	0	104	80-118	0			
Magnesium	5.534	0.20	5	0	111	80-120	0			
Potassium	5.373	0.20	5	0	107	80-120	0			
Selenium	0.05209	0.0050	0.05	0	104	79.2-118	0			
Silver	0.05291	0.0050	0.05	0	106	80-117	0			
Sodium	5.506	0.20	5	0	110	80.6-119	0			
Vanadium	0.04926	0.0050	0.05	0	98.5	82.1-119	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20447 Instrument ID ICP7500 Method: SW6020

MS Sample ID: 0610346-01EMS Units: mg/L Analysis Date: 10/31/06 18:04

Client ID: MW-50 Run ID: ICP7500_061031A SeqNo: 985296 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.06251	0.0050	0.05	0.008369	108	80-121	0			
Barium	0.07737	0.0050	0.05	0.02276	109	79.8-119	0			
Cadmium	0.05053	0.0020	0.05	0.000002363	101	79.1-119	0			
Chromium	0.06075	0.0050	0.05	0.009159	103	79.3-121	0			
Lead	0.05533	0.0050	0.05	0.001375	108	80-118	0			
Magnesium	187.5	0.20	5	192.7	-104	80-120	0			SO
Potassium	7.271	0.20	5	2.171	102	80-120	0			
Selenium	0.0379	0.0050	0.05	-0.0004292	76.7	79.2-118	0			S
Silver	0.04806	0.0050	0.05	-0.001196	98.5	80-117	0			
Sodium	141.1	0.20	5	142.8	-34	80.6-119	0			SO
Vanadium	0.05313	0.0050	0.05	0.00423	97.8	82.1-119	0			

MSD Sample ID: 0610346-01EMSD Units: mg/L Analysis Date: 10/31/06 18:09

Client ID: MW-50 Run ID: ICP7500_061031A SeqNo: 985297 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.06257	0.0050	0.05	0.008369	108	80-121	0.06251	0.0959	15	
Barium	0.07801	0.0050	0.05	0.02276	110	79.8-119	0.07737	0.824	15	
Cadmium	0.05174	0.0020	0.05	0.000002363	103	79.1-119	0.05053	2.37	15	
Chromium	0.05896	0.0050	0.05	0.009159	99.6	79.3-121	0.06075	2.99	15	
Lead	0.05771	0.0050	0.05	0.001375	113	80-118	0.05533	4.21	15	
Magnesium	190.3	0.20	5	192.7	-48	80-120	187.5	1.48	15	SO
Potassium	7.213	0.20	5	2.171	101	80-120	7.271	0.801	15	
Selenium	0.04259	0.0050	0.05	-0.0004292	86	79.2-118	0.0379	11.7	15	
Silver	0.04814	0.0050	0.05	-0.001196	98.7	80-117	0.04806	0.166	15	
Sodium	139.9	0.20	5	142.8	-58	80.6-119	141.1	0.854	15	SO
Vanadium	0.05293	0.0050	0.05	0.00423	97.4	82.1-119	0.05313	0.377	15	

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20447 Instrument ID ICP7500 Method: SW6020

DUP Sample ID: 0610346-01EDUP Units: mg/L Analysis Date: 10/31/06 17:52
 Client ID: MW-50 Run ID: ICP7500_061031A SeqNo: 985295 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.008498	0.0050	0	0	0	0-0	0.008369	1.53	25	
Barium	0.02292	0.0050	0	0	0	0-0	0.02276	0.701	25	
Cadmium	ND	0.0020	0	0	0	0-0	0.000002363	0	25	
Chromium	0.008346	0.0050	0	0	0	0-0	0.009159	9.29	25	
Lead	0.001351	0.0050	0	0	0	0-0	0.001375	0	25	J
Magnesium	186.8	0.20	0	0	0	0-0	192.7	3.11	25	
Potassium	2.11	0.20	0	0	0	0-0	2.171	2.85	25	
Selenium	ND	0.0050	0	0	0	0-0	-0.0004292	0	25	
Silver	ND	0.0050	0	0	0	0-0	-0.001196	0	25	
Sodium	138	0.20	0	0	0	0-0	142.8	3.42	25	
Vanadium	0.004139	0.0050	0	0	0	0-0	0.00423	0	25	J

The following samples were analyzed in this batch:

0610346-01E	0610346-02E	0610346-03E
0610346-04E	0610346-05E	0610346-06D
0610346-07D	0610346-08E	0610346-09E
0610346-10E	0610346-17E	0610346-18E
0610346-19E	0610346-20E	0610346-21F
0610346-22F	0610346-23E	0610346-24D
0610346-25D		

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20448 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW6-102406 Units: mg/L Analysis Date: 10/26/06 19:28

Client ID: Run ID: ICPMS02_061026A SeqNo: 981694 Prep Date: 10/24/2006 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: MLCSW6-102406 Units: mg/L Analysis Date: 10/26/06 19:34

Client ID: Run ID: ICPMS02_061026A SeqNo: 981695 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.05124	0.0050	0.05	0	102	80-121	0			
Barium	0.04884	0.0050	0.05	0	97.7	79.8-119	0			
Cadmium	0.0521	0.0020	0.05	0	104	79.1-119	0			
Chromium	0.04906	0.0050	0.05	0	98.1	79.3-121	0			
Lead	0.04926	0.0050	0.05	0	98.5	80-118	0			
Magnesium	4.998	0.20	5	0	100	80-120	0			
Potassium	4.942	0.20	5	0	98.8	80-120	0			
Selenium	0.05212	0.0050	0.05	0	104	79.2-118	0			
Silver	0.05069	0.0050	0.05	0	101	80-117	0			
Sodium	4.754	0.20	5	0	95.1	80.6-119	0			
Vanadium	0.04973	0.0050	0.05	0	99.5	82.1-119	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20448 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0610355-06CMS Units: mg/L Analysis Date: 10/26/06 21:50

Client ID: Run ID: ICPMS02_061026A SeqNo: 981716 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.3181	0.0050	0.05	0.2732	89.8	80-121	0			O
Barium	0.08338	0.0050	0.05	0.03163	104	79.8-119	0			
Cadmium	0.04425	0.0020	0.05	0.0001064	88.3	79.1-119	0			
Chromium	0.04371	0.0050	0.05	0.0008567	85.7	79.3-121	0			
Lead	0.05258	0.0050	0.05	0.0005232	104	80-118	0			
Magnesium	78.08	0.20	5	70.81	145	80-120	0			SO
Potassium	9.772	0.20	5	5.155	92.3	80-120	0			
Selenium	0.04496	0.0050	0.05	0.002454	85	79.2-118	0			
Silver	0.03915	0.0050	0.05	-0.0006383	79.6	80-117	0			S
Sodium	ND	0.20	5	0	0	80.6-119	0			SX
Vanadium	0.04631	0.0050	0.05	0.0007857	91	82.1-119	0			

MSD Sample ID: 0610355-06CMSD Units: mg/L Analysis Date: 10/26/06 21:56

Client ID: Run ID: ICPMS02_061026A SeqNo: 981717 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.317	0.0050	0.05	0.2732	87.6	80-121	0.3181	0.346	15	O
Barium	0.0826	0.0050	0.05	0.03163	102	79.8-119	0.08338	0.94	15	
Cadmium	0.04491	0.0020	0.05	0.0001064	89.6	79.1-119	0.04425	1.48	15	
Chromium	0.04464	0.0050	0.05	0.0008567	87.6	79.3-121	0.04371	2.11	15	
Lead	0.05372	0.0050	0.05	0.0005232	106	80-118	0.05258	2.14	15	
Magnesium	79.02	0.20	5	70.81	164	80-120	78.08	1.2	15	SO
Potassium	9.868	0.20	5	5.155	94.3	80-120	9.772	0.978	15	
Selenium	0.04611	0.0050	0.05	0.002454	87.3	79.2-118	0.04496	2.53	15	
Silver	0.03904	0.0050	0.05	-0.0006383	79.4	80-117	0.03915	0.281	15	S
Sodium	ND	0.20	5	0	0	80.6-119	0	0	15	SX
Vanadium	0.04661	0.0050	0.05	0.0007857	91.6	82.1-119	0.04631	0.646	15	

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20448 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0610355-06CDUP Units: mg/L Analysis Date: 10/26/06 21:39

Client ID: Run ID: ICPMS02_061026A SeqNo: 981714 Prep Date: 10/24/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Arsenic	0.2727	0.0050	0	0	0	0-0	0.2732	0.183	25	
Barium	0.03112	0.0050	0	0	0	0-0	0.03163	1.63	25	
Cadmium	ND	0.0020	0	0	0	0-0	0.0001064	0	25	
Chromium	0.0009399	0.0050	0	0	0	0-0	0.0008567	0	25	J
Lead	0.0005363	0.0050	0	0	0	0-0	0.0005232	0	25	J
Magnesium	70.71	0.20	0	0	0	0-0	70.81	0.141	25	
Potassium	5.138	0.20	0	0	0	0-0	5.155	0.33	25	
Selenium	0.003188	0.0050	0	0	0	0-0	0.002454	0	25	J
Silver	ND	0.0050	0	0	0	0-0	-0.0006383	0	25	
Vanadium	0.0006837	0.0050	0	0	0	0-0	0.0007857	0	25	J

DUP Sample ID: 0610355-06CDUP Units: mg/L Analysis Date: 10/27/06 21:04

Client ID: Run ID: ICPMS02_061027A SeqNo: 983229 Prep Date: 10/24/2006 DF: 50

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	2147	10	0	0	0	0-0	2244	4.44	25	

The following samples were analyzed in this batch:

0610346-26D	0610346-27D	0610346-28D
0610346-29D	0610346-30D	0610346-31D
0610346-32E	0610346-33D	

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20473 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW1-102506 Units: mg/L Analysis Date: 10/26/06 19:11

Client ID: Run ID: MERCURY_061026C SeqNo: 981921 Prep Date: 10/25/2006 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: GLCSW1-102506 Units: mg/L Analysis Date: 10/26/06 19:13

Client ID: Run ID: MERCURY_061026C SeqNo: 981922 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00464	0.00020	0.005	0	92.8	85-115	0			

LCSD Sample ID: GLCSDW1-102506 Units: mg/L Analysis Date: 10/26/06 19:15

Client ID: Run ID: MERCURY_061026C SeqNo: 981923 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00488	0.00020	0.005	0	97.6	85-115	0.00464	5.04	20	

MS Sample ID: 0610347-01BMS Units: mg/L Analysis Date: 10/26/06 19:21

Client ID: Run ID: MERCURY_061026C SeqNo: 981926 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00509	0.00020	0.005	0.000032	101	85-115	0			

MSD Sample ID: 0610347-01BMSD Units: mg/L Analysis Date: 10/26/06 19:23

Client ID: Run ID: MERCURY_061026C SeqNo: 981927 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00475	0.00020	0.005	0.000032	94.4	85-115	0.00509	6.91	20	

DUP Sample ID: 0610347-01BDUP Units: mg/L Analysis Date: 10/26/06 19:19

Client ID: Run ID: MERCURY_061026C SeqNo: 981925 Prep Date: 10/25/2006 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	0.000032	0	20	

The following samples were analyzed in this batch:

0610346-01E	0610346-02E	0610346-03E
0610346-04E	0610346-05E	0610346-06D
0610346-07D		

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20474 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW2-102506 Units: mg/L Analysis Date: 10/27/06 10:59

Client ID: Run ID: MERCURY_061027B SeqNo: 982289 Prep Date: 10/25/2006 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: GLCSW2-102506 Units: mg/L Analysis Date: 10/27/06 11:05

Client ID: Run ID: MERCURY_061027B SeqNo: 982290 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00547	0.00020	0.005	0	109	85-115	0			

LCSD Sample ID: GLCSDW2-102506 Units: mg/L Analysis Date: 10/27/06 11:07

Client ID: Run ID: MERCURY_061027B SeqNo: 982291 Prep Date: 10/25/2006 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	111	85-115	0.00547	1.27	20	

MS Sample ID: 0610346-26DMS Units: mg/L Analysis Date: 10/27/06 11:16

Client ID: RA-4196 Run ID: MERCURY_061027B SeqNo: 982294 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00555	0.00020	0.005	0.000078	109	85-115	0			

MSD Sample ID: 0610346-26DMSD Units: mg/L Analysis Date: 10/27/06 11:18

Client ID: RA-4196 Run ID: MERCURY_061027B SeqNo: 982295 Prep Date: 10/25/2006 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	0.000078	109	85-115	0.00555	0.542	20	

DUP Sample ID: 0610346-26DDUP Units: mg/L Analysis Date: 10/27/06 11:14

Client ID: RA-4196 Run ID: MERCURY_061027B SeqNo: 982293 Prep Date: 10/25/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.000067	0.00020	0	0	0	0-0	0.000078	0	20	J

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 20474 Instrument ID Mercury Method: SW7470

The following samples were analyzed in this batch:

0610346-08E	0610346-09E	0610346-10E
0610346-17E	0610346-18E	0610346-19E
0610346-20E	0610346-21F	0610346-22F
0610346-23E	0610346-24D	0610346-25D
0610346-26D	0610346-27D	0610346-28D
0610346-29D	0610346-30D	0610346-31D
0610346-32E	0610346-33D	

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43210** Instrument ID **VOA1** Method: **SW8260**

MBLK Sample ID: **VBLKW-061026** Units: **µg/L** Analysis Date: **10/26/06 11:49**

Client ID: Run ID: **VOA1_061026A** SeqNo: **981986** 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

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210	Instrument ID VOA1	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	50.83	5.0 50 0 102 70-125 0
Surr: 4-Bromofluorobenzene	54.53	5.0 50 0 109 72.4-125 0
Surr: Dibromofluoromethane	55.46	5.0 50 0 111 71.2-125 0
Surr: Toluene-d8	56.4	5.0 50 0 113 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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210 Instrument ID VOA1 Method: SW8260

LCS		Sample ID: VLCSW-061026		Units: µg/L		Analysis Date: 10/26/06 10:54				
Client ID:		Run ID: VOA1_061026A		SeqNo: 981985		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	50.07	5.0	50	0	100	79.6-120	0			
1,1,2,2-Tetrachloroethane	47.69	5.0	50	0	95.4	78.9-121	0			
1,1,2-Trichloroethane	48.03	5.0	50	0	96.1	80-120	0			
1,1-Dichloroethane	46.73	5.0	50	0	93.5	74.2-122	0			
1,1-Dichloroethene	48.32	5.0	50	0	96.6	75.8-122	0			
1,2,4-Trimethylbenzene	48.06	5.0	50	0	96.1	80-120	0			
1,2-Dibromoethane	49.49	5.0	50	0	99	80-120	0			
1,2-Dichloroethane	48.85	5.0	50	0	97.7	78.8-120	0			
1,2-Dichloropropane	46.34	5.0	50	0	92.7	80-120	0			
1,3,5-Trimethylbenzene	47.91	5.0	50	0	95.8	80-120	0			
2-Butanone	86.12	10	100	0	86.1	69.2-131	0			
2-Hexanone	89.33	10	100	0	89.3	59.1-135	0			
4-Isopropyltoluene	48.22	5.0	50	0	96.4	80-120	0			
4-Methyl-2-pentanone	91.7	10	100	0	91.7	71.6-124	0			
Acetone	97.22	10	100	0	97.2	60.1-141	0			
Benzene	47.96	5.0	50	0	95.9	80-120	0			
Bromodichloromethane	48.71	5.0	50	0	97.4	80-120	0			
Bromoform	50.17	5.0	50	0	100	78.1-120	0			
Bromomethane	50.82	5.0	50	0	102	52.8-147	0			
Carbon disulfide	122.4	10	100	0	122	78.8-120	0			S
Carbon tetrachloride	49.72	5.0	50	0	99.4	76.8-120	0			
Chlorobenzene	48.65	5.0	50	0	97.3	80-120	0			
Chloroethane	46.41	5.0	50	0	92.8	74.2-120	0			
Chloroform	48.25	5.0	50	0	96.5	80-120	0			
Chloromethane	50.23	5.0	50	0	100	63.5-133	0			
cis-1,2-Dichloroethene	47.6	5.0	50	0	95.2	80-120	0			
cis-1,3-Dichloropropene	48.24	5.0	50	0	96.5	80-120	0			
Dibromochloromethane	48.89	5.0	50	0	97.8	80-120	0			
Ethylbenzene	49.4	5.0	50	0	98.8	80-120	0			
Isopropylbenzene	48.11	5.0	50	0	96.2	80-120	0			
m,p-Xylene	98.54	10	100	0	98.5	80-120	0			
Methyl tert-butyl ether	48.43	5.0	50	0	96.9	75.8-123	0			
Methylene chloride	50.93	10	50	0	102	74.7-120	0			
n-Butylbenzene	48.09	5.0	50	0	96.2	80-120	0			
n-Propylbenzene	47.42	5.0	50	0	94.8	80-120	0			
Naphthalene	55.48	5.0	50	0	111	71.4-124	0			
o-Xylene	48.97	5.0	50	0	97.9	80-120	0			
sec-Butylbenzene	48.06	5.0	50	0	96.1	80-120	0			
Styrene	49.14	5.0	50	0	98.3	80-120	0			
Tetrachloroethene	48.56	5.0	50	0	97.1	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210	Instrument ID VOA1		Method: SW8260				
Toluene	47.48	5.0	50	0	95	80-120	0
trans-1,2-Dichloroethene	48.04	5.0	50	0	96.1	75.9-122	0
trans-1,3-Dichloropropene	48.63	5.0	50	0	97.3	80-120	0
Trichloroethene	48.94	5.0	50	0	97.9	80-120	0
Vinyl chloride	47.5	2.0	50	0	95	76.2-121	0
Xylenes, Total	147.5	15	150	0	98.3	80-120	0
Surr: 1,2-Dichloroethane-d4	52.21	5.0	50	0	104	70-125	0
Surr: 4-Bromofluorobenzene	54.41	5.0	50	0	109	72.4-125	0
Surr: Dibromofluoromethane	54.77	5.0	50	0	110	71.2-125	0
Surr: Toluene-d8	56	5.0	50	0	112	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210 Instrument ID VOA1 Method: SW8260

MS		Sample ID: 0610443-01AMS				Units: µg/L		Analysis Date: 10/26/06 13:40		
Client ID:		Run ID: VOA1_061026A				SeqNo: 981990		Prep Date:		DF: 500
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	22420	2,500	25000	0	89.7	79.6-120	0			
1,1,2,2-Tetrachloroethane	25530	2,500	25000	0	102	78.9-121	0			
1,1,2-Trichloroethane	25040	2,500	25000	0	100	80-120	0			
1,1-Dichloroethane	23040	2,500	25000	0	92.1	74.2-122	0			
1,1-Dichloroethene	20570	2,500	25000	0	82.3	75.8-122	0			
1,2,4-Trimethylbenzene	21710	2,500	25000	0	86.8	80-120	0			
1,2-Dibromoethane	25670	2,500	25000	0	103	80-120	0			
1,2-Dichloroethane	25200	2,500	25000	0	101	78.8-120	0			
1,2-Dichloropropane	23310	2,500	25000	0	93.2	80-120	0			
1,3,5-Trimethylbenzene	21270	2,500	25000	0	85.1	80-120	0			
2-Butanone	48620	5,000	50000	0	97.2	69.2-131	0			
2-Hexanone	47120	5,000	50000	0	94.2	59.1-135	0			
4-Isopropyltoluene	19710	2,500	25000	0	78.8	80-120	0			S
4-Methyl-2-pentanone	49040	5,000	50000	0	98.1	71.6-124	0			
Acetone	51540	5,000	50000	0	103	60.1-141	0			
Benzene	43000	2,500	25000	20090	91.7	80-120	0			
Bromodichloromethane	24940	2,500	25000	0	99.7	80-120	0			
Bromoform	26340	2,500	25000	0	105	78.1-120	0			
Bromomethane	23460	2,500	25000	0	93.8	52.8-147	0			
Carbon disulfide	57180	5,000	50000	0	114	78.8-120	0			
Carbon tetrachloride	31200	2,500	25000	9098	88.4	76.8-120	0			
Chlorobenzene	103200	2,500	25000	78660	98.1	80-120	0			E
Chloroethane	22700	2,500	25000	0	90.8	74.2-120	0			
Chloroform	41200	2,500	25000	16230	99.9	80-120	0			
Chloromethane	24600	2,500	25000	0	98.4	63.5-133	0			
cis-1,2-Dichloroethene	23450	2,500	25000	0	93.8	80-120	0			
cis-1,3-Dichloropropene	24230	2,500	25000	0	96.9	80-120	0			
Dibromochloromethane	25090	2,500	25000	0	100	80-120	0			
Ethylbenzene	22320	2,500	25000	0	89.3	80-120	0			
Isopropylbenzene	21190	2,500	25000	0	84.8	80-120	0			
m,p-Xylene	46080	5,000	50000	751.3	90.6	80-120	0			
Methyl tert-butyl ether	25500	2,500	25000	0	102	75.8-123	0			
Methylene chloride	25430	5,000	25000	284.2	101	74.7-120	0			
n-Butylbenzene	18920	2,500	25000	0	75.7	80-120	0			S
n-Propylbenzene	20480	2,500	25000	0	81.9	80-120	0			
Naphthalene	25080	2,500	25000	0	100	71.4-124	0			
o-Xylene	23240	2,500	25000	0	93	80-120	0			
sec-Butylbenzene	19070	2,500	25000	0	76.3	80-120	0			S
Styrene	23610	2,500	25000	0	94.4	80-120	0			
Tetrachloroethene	21350	2,500	25000	245.3	84.4	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210		Instrument ID VOA1		Method: SW8260				
Toluene	23020	2,500	25000	0	92.1	80-120	0	
trans-1,2-Dichloroethene	23630	2,500	25000	0	94.5	75.9-122	0	
trans-1,3-Dichloropropene	25040	2,500	25000	0	100	80-120	0	
Trichloroethene	22980	2,500	25000	0	91.9	80-120	0	
Vinyl chloride	20600	1,000	25000	0	82.4	76.2-121	0	
Xylenes, Total	69320	7,500	75000	751.3	91.4	80-120	0	
Surr: 1,2-Dichloroethane-d4	27570	2,500	25000	0	110	70-125	0	
Surr: 4-Bromofluorobenzene	27940	2,500	25000	0	112	72.4-125	0	
Surr: Dibromofluoromethane	28140	2,500	25000	0	113	71.2-125	0	
Surr: Toluene-d8	28500	2,500	25000	0	114	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210 Instrument ID VOA1 Method: SW8260

MSD Sample ID: 0610443-01AMSD Units: µg/L Analysis Date: 10/26/06 14:07

Client ID: Run ID: VOA1_061026A SeqNo: 981991 Prep Date: DF: 500

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	24350	2,500	25000	0	97.4	79.6-120	22420	8.23	20	
1,1,2,2-Tetrachloroethane	25450	2,500	25000	0	102	78.9-121	25530	0.302	20	
1,1,2-Trichloroethane	24330	2,500	25000	0	97.3	80-120	25040	2.87	20	
1,1-Dichloroethane	23650	2,500	25000	0	94.6	74.2-122	23040	2.65	20	
1,1-Dichloroethene	24080	2,500	25000	0	96.3	75.8-122	20570	15.7	20	
1,2,4-Trimethylbenzene	22760	2,500	25000	0	91	80-120	21710	4.73	20	
1,2-Dibromoethane	25040	2,500	25000	0	100	80-120	25670	2.49	20	
1,2-Dichloroethane	25490	2,500	25000	0	102	78.8-120	25200	1.16	20	
1,2-Dichloropropane	23070	2,500	25000	0	92.3	80-120	23310	1.01	20	
1,3,5-Trimethylbenzene	22760	2,500	25000	0	91.1	80-120	21270	6.77	20	
2-Butanone	48020	5,000	50000	0	96	69.2-131	48620	1.25	20	
2-Hexanone	48620	5,000	50000	0	97.2	59.1-135	47120	3.12	20	
4-Isopropyltoluene	23120	2,500	25000	0	92.5	80-120	19710	15.9	20	
4-Methyl-2-pentanone	49030	5,000	50000	0	98.1	71.6-124	49040	0.0143	20	
Acetone	54300	5,000	50000	0	109	60.1-141	51540	5.21	20	
Benzene	44240	2,500	25000	20090	96.6	80-120	43000	2.83	20	
Bromodichloromethane	24870	2,500	25000	0	99.5	80-120	24940	0.268	20	
Bromoform	25990	2,500	25000	0	104	78.1-120	26340	1.36	20	
Bromomethane	26430	2,500	25000	0	106	52.8-147	23460	11.9	20	
Carbon disulfide	61640	5,000	50000	0	123	78.8-120	57180	7.49	20	S
Carbon tetrachloride	34660	2,500	25000	9098	102	76.8-120	31200	10.5	20	
Chlorobenzene	106700	2,500	25000	78660	112	80-120	103200	3.3	20	E
Chloroethane	23710	2,500	25000	0	94.8	74.2-120	22700	4.36	20	
Chloroform	42670	2,500	25000	16230	106	80-120	41200	3.5	20	
Chloromethane	24780	2,500	25000	0	99.1	63.5-133	24600	0.726	20	
cis-1,2-Dichloroethene	24090	2,500	25000	0	96.4	80-120	23450	2.71	20	
cis-1,3-Dichloropropene	24640	2,500	25000	0	98.6	80-120	24230	1.69	20	
Dibromochloromethane	25020	2,500	25000	0	100	80-120	25090	0.251	20	
Ethylbenzene	23580	2,500	25000	0	94.3	80-120	22320	5.46	20	
Isopropylbenzene	23050	2,500	25000	0	92.2	80-120	21190	8.4	20	
m,p-Xylene	48100	5,000	50000	751.3	94.7	80-120	46080	4.3	20	
Methyl tert-butyl ether	25670	2,500	25000	0	103	75.8-123	25500	0.667	20	
Methylene chloride	25210	5,000	25000	284.2	99.7	74.7-120	25430	0.868	20	
n-Butylbenzene	22550	2,500	25000	0	90.2	80-120	18920	17.5	20	
n-Propylbenzene	22420	2,500	25000	0	89.7	80-120	20480	9.05	20	
Naphthalene	27940	2,500	25000	0	112	71.4-124	25080	10.8	20	
o-Xylene	24030	2,500	25000	0	96.1	80-120	23240	3.35	20	
sec-Butylbenzene	22580	2,500	25000	0	90.3	80-120	19070	16.9	20	
Styrene	23920	2,500	25000	0	95.7	80-120	23610	1.32	20	
Tetrachloroethene	23280	2,500	25000	245.3	92.2	80-120	21350	8.67	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43210	Instrument ID VOA1			Method: SW8260						
Toluene	23430	2,500	25000	0	93.7	80-120	23020	1.77	20	
trans-1,2-Dichloroethene	24490	2,500	25000	0	97.9	75.9-122	23630	3.55	20	
trans-1,3-Dichloropropene	24370	2,500	25000	0	97.5	80-120	25040	2.71	20	
Trichloroethene	23540	2,500	25000	0	94.2	80-120	22980	2.43	20	
Vinyl chloride	23530	1,000	25000	0	94.1	76.2-121	20600	13.3	20	
Xylenes, Total	72130	7,500	75000	751.3	95.2	80-120	69320	3.98	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	27150	2,500	25000	0	109	70-125	27570	1.54	20	
<i>Surr: 4-Bromofluorobenzene</i>	27400	2,500	25000	0	110	72.4-125	27940	1.96	20	
<i>Surr: Dibromofluoromethane</i>	28550	2,500	25000	0	114	71.2-125	28140	1.46	20	
<i>Surr: Toluene-d8</i>	28760	2,500	25000	0	115	75-125	28500	0.927	20	

The following samples were analyzed in this batch:

0610346-11A	0610346-12A	0610346-13A
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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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262 Instrument ID VOA1 Method: SW8260

MBLK Sample ID: VBLKW-061027 Units: µg/L Analysis Date: 10/27/06 13:07

Client ID: Run ID: VOA1_061027A SeqNo: 983279 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

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262	Instrument ID VOA1	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	52.03	5.0	50	0	104	70-125	0	
Surr: 4-Bromofluorobenzene	54.28	5.0	50	0	109	72.4-125	0	
Surr: Dibromofluoromethane	55.76	5.0	50	0	112	71.2-125	0	
Surr: Toluene-d8	56.23	5.0	50	0	112	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43262** Instrument ID **VOA1** Method: **SW8260**

LCS Sample ID: **VLCSW-061027** Units: **µg/L** Analysis Date: **10/27/06 12:11**

Client ID: Run ID: **VOA1_061027A** SeqNo: **983278** 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	46.47	5.0	50	0	92.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	46.07	5.0	50	0	92.1	78.9-121	0			
1,1,2-Trichloroethane	47.75	5.0	50	0	95.5	80-120	0			
1,1-Dichloroethane	44.43	5.0	50	0	88.9	74.2-122	0			
1,1-Dichloroethene	44.76	5.0	50	0	89.5	75.8-122	0			
1,2,4-Trimethylbenzene	45.37	5.0	50	0	90.7	80-120	0			
1,2-Dibromoethane	47.21	5.0	50	0	94.4	80-120	0			
1,2-Dichloroethane	47.39	5.0	50	0	94.8	78.8-120	0			
1,2-Dichloropropane	44.3	5.0	50	0	88.6	80-120	0			
1,3,5-Trimethylbenzene	45.81	5.0	50	0	91.6	80-120	0			
2-Butanone	87.4	10	100	0	87.4	69.2-131	0			
2-Hexanone	86.82	10	100	0	86.8	59.1-135	0			
4-Isopropyltoluene	44.91	5.0	50	0	89.8	80-120	0			
4-Methyl-2-pentanone	89.04	10	100	0	89	71.6-124	0			
Acetone	99.7	10	100	0	99.7	60.1-141	0			
Benzene	46.15	5.0	50	0	92.3	80-120	0			
Bromodichloromethane	47.49	5.0	50	0	95	80-120	0			
Bromoform	49.65	5.0	50	0	99.3	78.1-120	0			
Bromomethane	51.82	5.0	50	0	104	52.8-147	0			
Carbon disulfide	115.7	10	100	0	116	78.8-120	0			
Carbon tetrachloride	45.94	5.0	50	0	91.9	76.8-120	0			
Chlorobenzene	48.49	5.0	50	0	97	80-120	0			
Chloroethane	46.56	5.0	50	0	93.1	74.2-120	0			
Chloroform	47.51	5.0	50	0	95	80-120	0			
Chloromethane	47.51	5.0	50	0	95	63.5-133	0			
cis-1,2-Dichloroethene	45.29	5.0	50	0	90.6	80-120	0			
cis-1,3-Dichloropropene	47.51	5.0	50	0	95	80-120	0			
Dibromochloromethane	48.51	5.0	50	0	97	80-120	0			
Ethylbenzene	47.33	5.0	50	0	94.7	80-120	0			
Isopropylbenzene	46.37	5.0	50	0	92.7	80-120	0			
m,p-Xylene	93.92	10	100	0	93.9	80-120	0			
Methyl tert-butyl ether	47.02	5.0	50	0	94	75.8-123	0			
Methylene chloride	45.86	10	50	0	91.7	74.7-120	0			
n-Butylbenzene	44.32	5.0	50	0	88.6	80-120	0			
n-Propylbenzene	44.18	5.0	50	0	88.4	80-120	0			
Naphthalene	51.27	5.0	50	0	103	71.4-124	0			
o-Xylene	47.49	5.0	50	0	95	80-120	0			
sec-Butylbenzene	43.59	5.0	50	0	87.2	80-120	0			
Styrene	47.61	5.0	50	0	95.2	80-120	0			
Tetrachloroethene	46.09	5.0	50	0	92.2	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262	Instrument ID VOA1			Method: SW8260				
Toluene	46.66	5.0	50	0	93.3	80-120	0	
trans-1,2-Dichloroethene	46.73	5.0	50	0	93.5	75.9-122	0	
trans-1,3-Dichloropropene	47.66	5.0	50	0	95.3	80-120	0	
Trichloroethene	47.41	5.0	50	0	94.8	80-120	0	
Vinyl chloride	44.14	2.0	50	0	88.3	76.2-121	0	
Xylenes, Total	141.4	15	150	0	94.3	80-120	0	
Surr: 1,2-Dichloroethane-d4	51.83	5.0	50	0	104	70-125	0	
Surr: 4-Bromofluorobenzene	54.73	5.0	50	0	109	72.4-125	0	
Surr: Dibromofluoromethane	55.01	5.0	50	0	110	71.2-125	0	
Surr: Toluene-d8	57.68	5.0	50	0	115	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262 Instrument ID VOA1 Method: SW8260

MS		Sample ID: 0610411-01AMS		Units: µg/L		Analysis Date: 10/27/06 15:24				
Client ID:		Run ID: VOA1_061027A		SeqNo: 983281		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	1134	120	1250	0	90.7	79.6-120	0			
1,1,2,2-Tetrachloroethane	1212	120	1250	0	97	78.9-121	0			
1,1,2-Trichloroethane	1216	120	1250	0	97.3	80-120	0			
1,1-Dichloroethane	1125	120	1250	17.41	88.6	74.2-122	0			
1,1-Dichloroethene	2337	120	1250	1220	89.3	75.8-122	0			
1,2,4-Trimethylbenzene	1129	120	1250	16.67	89	80-120	0			
1,2-Dibromoethane	1248	120	1250	0	99.9	80-120	0			
1,2-Dichloroethane	1255	120	1250	0	100	78.8-120	0			
1,2-Dichloropropane	1133	120	1250	0	90.7	80-120	0			
1,3,5-Trimethylbenzene	1137	120	1250	0	91	80-120	0			
2-Butanone	2183	250	2500	0	87.3	69.2-131	0			
2-Hexanone	2265	250	2500	0	90.6	59.1-135	0			
4-Isopropyltoluene	1098	120	1250	0	87.8	80-120	0			
4-Methyl-2-pentanone	2353	250	2500	0	94.1	71.6-124	0			
Acetone	2735	250	2500	0	109	60.1-141	0			
Benzene	1150	120	1250	18.29	90.6	80-120	0			
Bromodichloromethane	1249	120	1250	0	99.9	80-120	0			
Bromoform	1291	120	1250	0	103	78.1-120	0			
Bromomethane	1237	120	1250	0	99	52.8-147	0			
Carbon disulfide	2798	250	2500	38.85	110	78.8-120	0			
Carbon tetrachloride	1113	120	1250	0	89	76.8-120	0			
Chlorobenzene	1195	120	1250	0	95.6	80-120	0			
Chloroethane	1138	120	1250	0	91	74.2-120	0			
Chloroform	1184	120	1250	0	94.7	80-120	0			
Chloromethane	1139	120	1250	0	91.1	63.5-133	0			
cis-1,2-Dichloroethene	1159	120	1250	19.38	91.2	80-120	0			
cis-1,3-Dichloropropene	1124	120	1250	0	89.9	80-120	0			
Dibromochloromethane	1263	120	1250	0	101	80-120	0			
Ethylbenzene	1125	120	1250	13.3	89	80-120	0			
Isopropylbenzene	1118	120	1250	0	89.5	80-120	0			
m,p-Xylene	2292	250	2500	27	90.6	80-120	0			
Methyl tert-butyl ether	1224	120	1250	0	97.9	75.8-123	0			
Methylene chloride	1213	250	1250	18.38	95.5	74.7-120	0			
n-Butylbenzene	1056	120	1250	20.1	82.8	80-120	0			
n-Propylbenzene	1081	120	1250	0	86.5	80-120	0			
Naphthalene	1278	120	1250	0	102	71.4-124	0			
o-Xylene	1171	120	1250	13.18	92.7	80-120	0			
sec-Butylbenzene	1073	120	1250	0	85.8	80-120	0			
Styrene	1188	120	1250	0	95	80-120	0			
Tetrachloroethene	1118	120	1250	27.02	87.3	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262	Instrument ID VOA1		Method: SW8260				
Toluene	1149	120	1250	0	91.9	80-120	0
trans-1,2-Dichloroethene	1158	120	1250	0	92.6	75.9-122	0
trans-1,3-Dichloropropene	1171	120	1250	0	93.6	80-120	0
Trichloroethene	1160	120	1250	42.34	89.4	80-120	0
Vinyl chloride	1072	50	1250	0	85.7	76.2-121	0
Xylenes, Total	3463	380	3750	40.18	91.3	80-120	0
Surr: 1,2-Dichloroethane-d4	1331	120	1250	0	106	70-125	0
Surr: 4-Bromofluorobenzene	1388	120	1250	0	111	72.4-125	0
Surr: Dibromofluoromethane	1411	120	1250	0	113	71.2-125	0
Surr: Toluene-d8	1420	120	1250	0	114	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262 Instrument ID VOA1 Method: SW8260

MSD		Sample ID: 0610411-01AMSD		Units: µg/L		Analysis Date: 10/27/06 15:52				
Client ID:		Run ID: VOA1_061027A		SeqNo: 983283		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	1181	120	1250	0	94.5	79.6-120	1134	4.06	20	
1,1,2,2-Tetrachloroethane	1267	120	1250	0	101	78.9-121	1212	4.43	20	
1,1,2-Trichloroethane	1219	120	1250	0	97.5	80-120	1216	0.265	20	
1,1-Dichloroethane	1166	120	1250	17.41	91.9	74.2-122	1125	3.52	20	
1,1-Dichloroethene	2409	120	1250	1220	95.1	75.8-122	2337	3.05	20	
1,2,4-Trimethylbenzene	1107	120	1250	16.67	87.2	80-120	1129	2.01	20	
1,2-Dibromoethane	1252	120	1250	0	100	80-120	1248	0.325	20	
1,2-Dichloroethane	1290	120	1250	0	103	78.8-120	1255	2.79	20	
1,2-Dichloropropane	1147	120	1250	0	91.8	80-120	1133	1.22	20	
1,3,5-Trimethylbenzene	1110	120	1250	0	88.8	80-120	1137	2.43	20	
2-Butanone	2384	250	2500	0	95.4	69.2-131	2183	8.81	20	
2-Hexanone	2349	250	2500	0	94	59.1-135	2265	3.66	20	
4-Isopropyltoluene	1080	120	1250	0	86.4	80-120	1098	1.62	20	
4-Methyl-2-pentanone	2418	250	2500	0	96.7	71.6-124	2353	2.74	20	
Acetone	2988	250	2500	0	120	60.1-141	2735	8.86	20	
Benzene	1161	120	1250	18.29	91.4	80-120	1150	0.914	20	
Bromodichloromethane	1236	120	1250	0	98.9	80-120	1249	0.976	20	
Bromoform	1318	120	1250	0	105	78.1-120	1291	2.06	20	
Bromomethane	1265	120	1250	0	101	52.8-147	1237	2.21	20	
Carbon disulfide	2878	250	2500	38.85	114	78.8-120	2798	2.82	20	
Carbon tetrachloride	1153	120	1250	0	92.2	76.8-120	1113	3.48	20	
Chlorobenzene	1200	120	1250	0	96	80-120	1195	0.414	20	
Chloroethane	1138	120	1250	0	91	74.2-120	1138	0.0107	20	
Chloroform	1222	120	1250	0	97.8	80-120	1184	3.16	20	
Chloromethane	1194	120	1250	0	95.5	63.5-133	1139	4.68	20	
cis-1,2-Dichloroethene	1191	120	1250	19.38	93.7	80-120	1159	2.68	20	
cis-1,3-Dichloropropene	1139	120	1250	0	91.1	80-120	1124	1.35	20	
Dibromochloromethane	1302	120	1250	0	104	80-120	1263	3.06	20	
Ethylbenzene	1133	120	1250	13.3	89.6	80-120	1125	0.698	20	
Isopropylbenzene	1091	120	1250	0	87.3	80-120	1118	2.52	20	
m,p-Xylene	2277	250	2500	27	90	80-120	2292	0.632	20	
Methyl tert-butyl ether	1284	120	1250	0	103	75.8-123	1224	4.75	20	
Methylene chloride	1236	250	1250	18.38	97.4	74.7-120	1213	1.9	20	
n-Butylbenzene	1038	120	1250	20.1	81.5	80-120	1056	1.67	20	
n-Propylbenzene	1056	120	1250	0	84.5	80-120	1081	2.33	20	
Naphthalene	1422	120	1250	0	114	71.4-124	1278	10.7	20	
o-Xylene	1174	120	1250	13.18	92.8	80-120	1171	0.197	20	
sec-Butylbenzene	1055	120	1250	0	84.4	80-120	1073	1.66	20	
Styrene	1191	120	1250	0	95.3	80-120	1188	0.277	20	
Tetrachloroethene	1099	120	1250	27.02	85.8	80-120	1118	1.72	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43262	Instrument ID VOA1			Method: SW8260						
Toluene	1141	120	1250	0	91.3	80-120	1149	0.64	20	
trans-1,2-Dichloroethene	1194	120	1250	0	95.5	75.9-122	1158	3.06	20	
trans-1,3-Dichloropropene	1190	120	1250	0	95.2	80-120	1171	1.67	20	
Trichloroethene	1215	120	1250	42.34	93.8	80-120	1160	4.63	20	
Vinyl chloride	1111	50	1250	0	88.8	76.2-121	1072	3.57	20	
Xylenes, Total	3451	380	3750	40.18	91	80-120	3463	0.351	20	
Surr: 1,2-Dichloroethane-d4	1369	120	1250	0	110	70-125	1331	2.82	20	
Surr: 4-Bromofluorobenzene	1370	120	1250	0	110	72.4-125	1388	1.29	20	
Surr: Dibromofluoromethane	1423	120	1250	0	114	71.2-125	1411	0.841	20	
Surr: Toluene-d8	1416	120	1250	0	113	75-125	1420	0.261	20	

The following samples were analyzed in this batch:

0610346-34A	0610346-35A	0610346-36A
0610346-37A	0610346-38A	0610346-39A
0610346-40A		

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43266** Instrument ID **VOA2** Method: **SW8260**

MBLK Sample ID: **VBLKW-061027** Units: **µg/L** Analysis Date: **10/27/06 11:54**

Client ID: Run ID: **VOA2_061027A** SeqNo: **983372** 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

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43266		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	42.19	5.0	50	0	84.4	70-125	0	
Surr: 4-Bromofluorobenzene	38.41	5.0	50	0	76.8	72.4-125	0	
Surr: Dibromofluoromethane	43.77	5.0	50	0	87.5	71.2-125	0	
Surr: Toluene-d8	45.54	5.0	50	0	91.1	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43266** Instrument ID **VOA2** Method: **SW8260**

LCS Sample ID: **VLCSW-061027** Units: **µg/L** Analysis Date: **10/27/06 11:04**

Client ID: Run ID: **VOA2_061027A** SeqNo: **983371** 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	49.11	5.0	50	0	98.2	79.6-120	0			
1,1,2,2-Tetrachloroethane	43.31	5.0	50	0	86.6	78.9-121	0			
1,1,2-Trichloroethane	43.79	5.0	50	0	87.6	80-120	0			
1,1-Dichloroethane	46.36	5.0	50	0	92.7	74.2-122	0			
1,1-Dichloroethene	47.01	5.0	50	0	94	75.8-122	0			
1,2,4-Trimethylbenzene	47.84	5.0	50	0	95.7	80-120	0			
1,2-Dibromoethane	45.02	5.0	50	0	90	80-120	0			
1,2-Dichloroethane	44.75	5.0	50	0	89.5	78.8-120	0			
1,2-Dichloropropane	46.47	5.0	50	0	92.9	80-120	0			
1,3,5-Trimethylbenzene	51.97	5.0	50	0	104	80-120	0			
2-Butanone	88.4	10	100	0	88.4	69.2-131	0			
2-Hexanone	83.9	10	100	0	83.9	59.1-135	0			
4-Isopropyltoluene	47.92	5.0	50	0	95.8	80-120	0			
4-Methyl-2-pentanone	85.1	10	100	0	85.1	71.6-124	0			
Acetone	82.24	10	100	0	82.2	60.1-141	0			
Benzene	46.76	5.0	50	0	93.5	80-120	0			
Bromodichloromethane	47.86	5.0	50	0	95.7	80-120	0			
Bromoform	44.95	5.0	50	0	89.9	78.1-120	0			
Bromomethane	45.53	5.0	50	0	91.1	52.8-147	0			
Carbon disulfide	97.58	10	100	0	97.6	78.8-120	0			
Carbon tetrachloride	46.61	5.0	50	0	93.2	76.8-120	0			
Chlorobenzene	46.58	5.0	50	0	93.2	80-120	0			
Chloroethane	47.29	5.0	50	0	94.6	74.2-120	0			
Chloroform	47.83	5.0	50	0	95.7	80-120	0			
Chloromethane	44	5.0	50	0	88	63.5-133	0			
cis-1,2-Dichloroethene	46.82	5.0	50	0	93.6	80-120	0			
cis-1,3-Dichloropropene	45.29	5.0	50	0	90.6	80-120	0			
Dibromochloromethane	48.17	5.0	50	0	96.3	80-120	0			
Ethylbenzene	49.74	5.0	50	0	99.5	80-120	0			
Isopropylbenzene	46.75	5.0	50	0	93.5	80-120	0			
m,p-Xylene	99.27	10	100	0	99.3	80-120	0			
Methyl tert-butyl ether	43.42	5.0	50	0	86.8	75.8-123	0			
Methylene chloride	45.74	10	50	0	91.5	74.7-120	0			
n-Butylbenzene	48.63	5.0	50	0	97.3	80-120	0			
n-Propylbenzene	52.01	5.0	50	0	104	80-120	0			
Naphthalene	45.05	5.0	50	0	90.1	71.4-124	0			
o-Xylene	50.2	5.0	50	0	100	80-120	0			
sec-Butylbenzene	47.33	5.0	50	0	94.7	80-120	0			
Styrene	47.29	5.0	50	0	94.6	80-120	0			
Tetrachloroethene	48.1	5.0	50	0	96.2	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43266		Instrument ID VOA2		Method: SW8260			
Toluene	48.76	5.0	50	0	97.5	80-120	0
trans-1,2-Dichloroethene	46.28	5.0	50	0	92.6	75.9-122	0
trans-1,3-Dichloropropene	45.29	5.0	50	0	90.6	80-120	0
Trichloroethene	47.37	5.0	50	0	94.7	80-120	0
Vinyl chloride	46.68	2.0	50	0	93.4	76.2-121	0
Xylenes, Total	149.5	15	150	0	99.6	80-120	0
Surr: 1,2-Dichloroethane-d4	39.72	5.0	50	0	79.4	70-125	0
Surr: 4-Bromofluorobenzene	41.44	5.0	50	0	82.9	72.4-125	0
Surr: Dibromofluoromethane	43.28	5.0	50	0	86.6	71.2-125	0
Surr: Toluene-d8	42.68	5.0	50	0	85.4	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43266** Instrument ID **VOA2** Method: **SW8260**

MS Sample ID: **0610346-01AMS** Units: **µg/L** Analysis Date: **10/27/06 15:40**

Client ID: **MW-50** Run ID: **VOA2_061027A** SeqNo: **983381** 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	41.55	5.0	50	0	83.1	79.6-120	0			
1,1,2,2-Tetrachloroethane	50.34	5.0	50	0	101	78.9-121	0			
1,1,2-Trichloroethane	48.02	5.0	50	0	96	80-120	0			
1,1-Dichloroethane	43.22	5.0	50	0	86.4	74.2-122	0			
1,1-Dichloroethene	37.7	5.0	50	0	75.4	75.8-122	0			S
1,2,4-Trimethylbenzene	43.65	5.0	50	0	87.3	80-120	0			
1,2-Dibromoethane	50.72	5.0	50	0	101	80-120	0			
1,2-Dichloroethane	49.83	5.0	50	0	99.7	78.8-120	0			
1,2-Dichloropropane	49.4	5.0	50	0	98.8	80-120	0			
1,3,5-Trimethylbenzene	45.45	5.0	50	0	90.9	80-120	0			
2-Butanone	94.31	10	100	0	94.3	69.2-131	0			
2-Hexanone	102.6	10	100	0	103	59.1-135	0			
4-Isopropyltoluene	40.73	5.0	50	0	81.5	80-120	0			
4-Methyl-2-pentanone	105.1	10	100	0	105	71.6-124	0			
Acetone	85.73	10	100	0	85.7	60.1-141	0			
Benzene	48.41	5.0	50	2.359	92.1	80-120	0			
Bromodichloromethane	50.98	5.0	50	0	102	80-120	0			
Bromoform	49.69	5.0	50	0	99.4	78.1-120	0			
Bromomethane	28.82	5.0	50	0	57.6	52.8-147	0			
Carbon disulfide	84.06	10	100	0	84.1	78.8-120	0			
Carbon tetrachloride	38.91	5.0	50	0	77.8	76.8-120	0			
Chlorobenzene	44.99	5.0	50	0	90	80-120	0			
Chloroethane	42.74	5.0	50	0	85.5	74.2-120	0			
Chloroform	44.6	5.0	50	0	89.2	80-120	0			
Chloromethane	39.94	5.0	50	0	79.9	63.5-133	0			
cis-1,2-Dichloroethene	43.7	5.0	50	0	87.4	80-120	0			
cis-1,3-Dichloropropene	47.6	5.0	50	0	95.2	80-120	0			
Dibromochloromethane	51.25	5.0	50	0	103	80-120	0			
Ethylbenzene	45.94	5.0	50	0.6822	90.5	80-120	0			
Isopropylbenzene	43.38	5.0	50	4.592	77.6	80-120	0			S
m,p-Xylene	90.67	10	100	0.8969	89.8	80-120	0			
Methyl tert-butyl ether	46.71	5.0	50	0	93.4	75.8-123	0			
Methylene chloride	45.23	10	50	0	90.5	74.7-120	0			
n-Butylbenzene	42.12	5.0	50	0	84.2	80-120	0			
n-Propylbenzene	44.51	5.0	50	0.2393	88.5	80-120	0			
Naphthalene	49.95	5.0	50	2.77	94.4	71.4-124	0			
o-Xylene	46.91	5.0	50	0	93.8	80-120	0			
sec-Butylbenzene	43.79	5.0	50	5.86	75.9	80-120	0			S
Styrene	45.8	5.0	50	0	91.6	80-120	0			
Tetrachloroethene	39.98	5.0	50	0	80	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43266	Instrument ID VOA2	Method: SW8260						
Toluene	46.28	5.0	50	0	92.6	80-120	0	
trans-1,2-Dichloroethene	41.75	5.0	50	0	83.5	75.9-122	0	
trans-1,3-Dichloropropene	46.98	5.0	50	0	94	80-120	0	
Trichloroethene	43.8	5.0	50	0	87.6	80-120	0	
Vinyl chloride	36.72	2.0	50	0	73.4	76.2-121	0	S
Xylenes, Total	137.6	15	150	0.8969	91.1	80-120	0	
Surr: 1,2-Dichloroethane-d4	41.83	5.0	50	0	83.7	70-125	0	
Surr: 4-Bromofluorobenzene	44.76	5.0	50	0	89.5	72.4-125	0	
Surr: Dibromofluoromethane	44.8	5.0	50	0	89.6	71.2-125	0	
Surr: Toluene-d8	44.49	5.0	50	0	89	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43266 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0610346-01AMSD Units: µg/L Analysis Date: 10/27/06 16:05

Client ID: MW-50 Run ID: VOA2_061027A SeqNo: 983382 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	47.84	5.0	50	0	95.7	79.6-120	41.55	14.1	20	
1,1,2,2-Tetrachloroethane	53.36	5.0	50	0	107	78.9-121	50.34	5.82	20	
1,1,2-Trichloroethane	50.88	5.0	50	0	102	80-120	48.02	5.8	20	
1,1-Dichloroethane	46.57	5.0	50	0	93.1	74.2-122	43.22	7.46	20	
1,1-Dichloroethene	44.71	5.0	50	0	89.4	75.8-122	37.7	17	20	
1,2,4-Trimethylbenzene	47.61	5.0	50	0	95.2	80-120	43.65	8.67	20	
1,2-Dibromoethane	52.33	5.0	50	0	105	80-120	50.72	3.11	20	
1,2-Dichloroethane	51.34	5.0	50	0	103	78.8-120	49.83	2.98	20	
1,2-Dichloropropane	51.92	5.0	50	0	104	80-120	49.4	4.97	20	
1,3,5-Trimethylbenzene	50.1	5.0	50	0	100	80-120	45.45	9.73	20	
2-Butanone	104.8	10	100	0	105	69.2-131	94.31	10.6	20	
2-Hexanone	114.8	10	100	0	115	59.1-135	102.6	11.3	20	
4-Isopropyltoluene	46.13	5.0	50	0	92.3	80-120	40.73	12.4	20	
4-Methyl-2-pentanone	107.1	10	100	0	107	71.6-124	105.1	1.95	20	
Acetone	99.08	10	100	0	99.1	60.1-141	85.73	14.4	20	
Benzene	50.34	5.0	50	2.359	96	80-120	48.41	3.91	20	
Bromodichloromethane	52.82	5.0	50	0	106	80-120	50.98	3.54	20	
Bromoform	53.34	5.0	50	0	107	78.1-120	49.69	7.08	20	
Bromomethane	33.84	5.0	50	0	67.7	52.8-147	28.82	16	20	
Carbon disulfide	97.15	10	100	0	97.2	78.8-120	84.06	14.5	20	
Carbon tetrachloride	45.92	5.0	50	0	91.8	76.8-120	38.91	16.5	20	
Chlorobenzene	48.06	5.0	50	0	96.1	80-120	44.99	6.6	20	
Chloroethane	47.66	5.0	50	0	95.3	74.2-120	42.74	10.9	20	
Chloroform	46.76	5.0	50	0	93.5	80-120	44.6	4.73	20	
Chloromethane	42.86	5.0	50	0	85.7	63.5-133	39.94	7.07	20	
cis-1,2-Dichloroethene	46.94	5.0	50	0	93.9	80-120	43.7	7.16	20	
cis-1,3-Dichloropropene	50.4	5.0	50	0	101	80-120	47.6	5.72	20	
Dibromochloromethane	53.55	5.0	50	0	107	80-120	51.25	4.38	20	
Ethylbenzene	50.23	5.0	50	0.6822	99.1	80-120	45.94	8.9	20	
Isopropylbenzene	48.5	5.0	50	4.592	87.8	80-120	43.38	11.1	20	
m,p-Xylene	98.77	10	100	0.8969	97.9	80-120	90.67	8.54	20	
Methyl tert-butyl ether	50.61	5.0	50	0	101	75.8-123	46.71	8.01	20	
Methylene chloride	47.83	10	50	0	95.7	74.7-120	45.23	5.59	20	
n-Butylbenzene	48.01	5.0	50	0	96	80-120	42.12	13.1	20	
n-Propylbenzene	49.87	5.0	50	0.2393	99.3	80-120	44.51	11.4	20	
Naphthalene	57.88	5.0	50	2.77	110	71.4-124	49.95	14.7	20	
o-Xylene	50.27	5.0	50	0	101	80-120	46.91	6.9	20	
sec-Butylbenzene	51.33	5.0	50	5.86	90.9	80-120	43.79	15.8	20	
Styrene	48.74	5.0	50	0	97.5	80-120	45.8	6.23	20	
Tetrachloroethene	44.84	5.0	50	0	89.7	80-120	39.98	11.5	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43266	Instrument ID VOA2			Method: SW8260						
Toluene	50.15	5.0	50	0	100	80-120	46.28	8.03	20	
trans-1,2-Dichloroethene	45.54	5.0	50	0	91.1	75.9-122	41.75	8.7	20	
trans-1,3-Dichloropropene	49.43	5.0	50	0	98.9	80-120	46.98	5.09	20	
Trichloroethene	48.53	5.0	50	0	97.1	80-120	43.8	10.3	20	
Vinyl chloride	44.02	2.0	50	0	88	76.2-121	36.72	18.1	20	
Xylenes, Total	149	15	150	0.8969	98.8	80-120	137.6	7.99	20	
<i>Surr: 1,2-Dichloroethane-d4</i>	41.78	5.0	50	0	83.6	70-125	41.83	0.136	20	
<i>Surr: 4-Bromofluorobenzene</i>	44.87	5.0	50	0	89.7	72.4-125	44.76	0.243	20	
<i>Surr: Dibromofluoromethane</i>	46.18	5.0	50	0	92.4	71.2-125	44.8	3.03	20	
<i>Surr: Toluene-d8</i>	45.54	5.0	50	0	91.1	75-125	44.49	2.33	20	

The following samples were analyzed in this batch:

0610346-01A	0610346-02A	0610346-03A
0610346-04A	0610346-05A	0610346-06A
0610346-07A	0610346-08A	0610346-09A
0610346-10A	0610346-14A	0610346-15A
0610346-16A	0610346-18A	0610346-19A
0610346-20A	0610346-21A	

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43271 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061027 Units: µg/L Analysis Date: 10/28/06 0:27

Client ID: Run ID: VOA2_061027B SeqNo: 983451 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	ND	5.0								
Surr: 1,2-Dichloroethane-d4	47.71	5.0	50	0	95.4	70-125	0			
Surr: 4-Bromofluorobenzene	41.76	5.0	50	0	83.5	72.4-125	0			
Surr: Dibromofluoromethane	49.07	5.0	50	0	98.1	71.2-125	0			
Surr: Toluene-d8	49.26	5.0	50	0	98.5	75-125	0			

LCS Sample ID: VLCSW-061027 Units: µg/L Analysis Date: 10/27/06 23:37

Client ID: Run ID: VOA2_061027B SeqNo: 983450 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	46.37	5.0	50	0	92.7	75.8-123	0			
Surr: 1,2-Dichloroethane-d4	42.36	5.0	50	0	84.7	70-125	0			
Surr: 4-Bromofluorobenzene	46.03	5.0	50	0	92.1	72.4-125	0			
Surr: Dibromofluoromethane	48.47	5.0	50	0	96.9	71.2-125	0			
Surr: Toluene-d8	47.69	5.0	50	0	95.4	75-125	0			

MS Sample ID: 0610346-09AMS Units: µg/L Analysis Date: 10/28/06 1:17

Client ID: KWB-10 Run ID: VOA2_061027B SeqNo: 983453 Prep Date: DF: 50

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	6237	250	2500	5144	43.7	75.8-123	0			S
Surr: 1,2-Dichloroethane-d4	2078	250	2500	0	83.1	70-125	0			
Surr: 4-Bromofluorobenzene	2203	250	2500	0	88.1	72.4-125	0			
Surr: Dibromofluoromethane	2352	250	2500	0	94.1	71.2-125	0			
Surr: Toluene-d8	2221	250	2500	0	88.9	75-125	0			

MSD Sample ID: 0610346-09AMSD Units: µg/L Analysis Date: 10/28/06 1:42

Client ID: KWB-10 Run ID: VOA2_061027B SeqNo: 983454 Prep Date: DF: 50

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Methyl tert-butyl ether	7871	250	2500	5144	109	75.8-123	6237	23.2	20	R
Surr: 1,2-Dichloroethane-d4	2412	250	2500	0	96.5	70-125	2078	14.9	20	
Surr: 4-Bromofluorobenzene	2361	250	2500	0	94.4	72.4-125	2203	6.94	20	
Surr: Dibromofluoromethane	2438	250	2500	0	97.5	71.2-125	2352	3.57	20	
Surr: Toluene-d8	2382	250	2500	0	95.3	75-125	2221	6.96	20	

The following samples were analyzed in this batch: 0610346-09A

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061029 Units: µg/L Analysis Date: 10/29/06 13:05

Client ID: Run ID: VOA2_061029A SeqNo: 983544 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

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278	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	42.63	5.0 50 0 85.3 70-125 0
Surr: 4-Bromofluorobenzene	38.25	5.0 50 0 76.5 72.4-125 0
Surr: Dibromofluoromethane	42.56	5.0 50 0 85.1 71.2-125 0
Surr: Toluene-d8	44.87	5.0 50 0 89.7 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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278 Instrument ID VOA2 Method: SW8260

LCS Sample ID: VLCSW-061029 Units: µg/L Analysis Date: 10/29/06 12:14

Client ID: Run ID: VOA2_061029A SeqNo: 983543 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	50.59	5.0	50	0	101	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.42	5.0	50	0	96.8	78.9-121	0			
1,1,2-Trichloroethane	46.89	5.0	50	0	93.8	80-120	0			
1,1-Dichloroethane	47.08	5.0	50	0	94.2	74.2-122	0			
1,1-Dichloroethene	48.18	5.0	50	0	96.4	75.8-122	0			
1,2,4-Trimethylbenzene	48.28	5.0	50	0	96.6	80-120	0			
1,2-Dibromoethane	48.8	5.0	50	0	97.6	80-120	0			
1,2-Dichloroethane	46.92	5.0	50	0	93.8	78.8-120	0			
1,2-Dichloropropane	48.34	5.0	50	0	96.7	80-120	0			
1,3,5-Trimethylbenzene	53.01	5.0	50	0	106	80-120	0			
2-Butanone	96	10	100	0	96	69.2-131	0			
2-Hexanone	98.65	10	100	0	98.7	59.1-135	0			
4-Isopropyltoluene	49.15	5.0	50	0	98.3	80-120	0			
4-Methyl-2-pentanone	98.54	10	100	0	98.5	71.6-124	0			
Acetone	94.51	10	100	0	94.5	60.1-141	0			
Benzene	47.91	5.0	50	0	95.8	80-120	0			
Bromodichloromethane	50.12	5.0	50	0	100	80-120	0			
Bromoform	49.33	5.0	50	0	98.7	78.1-120	0			
Bromomethane	48.16	5.0	50	0	96.3	52.8-147	0			
Carbon disulfide	100.6	10	100	0	101	78.8-120	0			
Carbon tetrachloride	48.89	5.0	50	0	97.8	76.8-120	0			
Chlorobenzene	47.53	5.0	50	0	95.1	80-120	0			
Chloroethane	47.56	5.0	50	0	95.1	74.2-120	0			
Chloroform	46.54	5.0	50	0	93.1	80-120	0			
Chloromethane	42.91	5.0	50	0	85.8	63.5-133	0			
cis-1,2-Dichloroethene	46.18	5.0	50	0	92.4	80-120	0			
cis-1,3-Dichloropropene	46.91	5.0	50	0	93.8	80-120	0			
Dibromochloromethane	50.47	5.0	50	0	101	80-120	0			
Ethylbenzene	50.97	5.0	50	0	102	80-120	0			
Isopropylbenzene	48.59	5.0	50	0	97.2	80-120	0			
m,p-Xylene	101.8	10	100	0	102	80-120	0			
Methyl tert-butyl ether	47.36	5.0	50	0	94.7	75.8-123	0			
Methylene chloride	47.42	10	50	0	94.8	74.7-120	0			
n-Butylbenzene	49.51	5.0	50	0	99	80-120	0			
n-Propylbenzene	52.75	5.0	50	0	106	80-120	0			
Naphthalene	51.78	5.0	50	0	104	71.4-124	0			
o-Xylene	51.26	5.0	50	0	103	80-120	0			
sec-Butylbenzene	48.64	5.0	50	0	97.3	80-120	0			
Styrene	48.87	5.0	50	0	97.7	80-120	0			
Tetrachloroethene	49.49	5.0	50	0	99	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278		Instrument ID VOA2		Method: SW8260			
Toluene	50	5.0	50	0	100	80-120	0
trans-1,2-Dichloroethene	46.86	5.0	50	0	93.7	75.9-122	0
trans-1,3-Dichloropropene	46.87	5.0	50	0	93.7	80-120	0
Trichloroethene	48.2	5.0	50	0	96.4	80-120	0
Vinyl chloride	47.39	2.0	50	0	94.8	76.2-121	0
Xylenes, Total	153	15	150	0	102	80-120	0
Surr: 1,2-Dichloroethane-d4	41.53	5.0	50	0	83.1	70-125	0
Surr: 4-Bromofluorobenzene	43.73	5.0	50	0	87.5	72.4-125	0
Surr: Dibromofluoromethane	44	5.0	50	0	88	71.2-125	0
Surr: Toluene-d8	44.43	5.0	50	0	88.9	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43278** Instrument ID **VOA2** Method: **SW8260**

MS		Sample ID: 0610346-22AMS				Units: µg/L		Analysis Date: 10/29/06 14:45		
Client ID: MW-10		Run ID: VOA2_061029A				SeqNo: 983548		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	50.44	5.0	50	0	101	79.6-120	0			
1,1,2,2-Tetrachloroethane	55.86	5.0	50	0	112	78.9-121	0			
1,1,2-Trichloroethane	50.37	5.0	50	0	101	80-120	0			
1,1-Dichloroethane	48.39	5.0	50	0	96.8	74.2-122	0			
1,1-Dichloroethene	47.59	5.0	50	0	95.2	75.8-122	0			
1,2,4-Trimethylbenzene	47.5	5.0	50	0	95	80-120	0			
1,2-Dibromoethane	52.16	5.0	50	0	104	80-120	0			
1,2-Dichloroethane	51.65	5.0	50	0	103	78.8-120	0			
1,2-Dichloropropane	51.38	5.0	50	0	103	80-120	0			
1,3,5-Trimethylbenzene	50.36	5.0	50	0	101	80-120	0			
2-Butanone	110	10	100	0	110	69.2-131	0			
2-Hexanone	122.3	10	100	0	122	59.1-135	0			
4-Isopropyltoluene	46.72	5.0	50	0	93.4	80-120	0			
4-Methyl-2-pentanone	123.2	10	100	5.87	117	71.6-124	0			
Acetone	106.6	10	100	8.567	98	60.1-141	0			
Benzene	50.41	5.0	50	0.4987	99.8	80-120	0			
Bromodichloromethane	53.93	5.0	50	0	108	80-120	0			
Bromoform	55.56	5.0	50	0	111	78.1-120	0			
Bromomethane	46.72	5.0	50	0	93.4	52.8-147	0			
Carbon disulfide	101.1	10	100	0	101	78.8-120	0			
Carbon tetrachloride	49.53	5.0	50	0	99.1	76.8-120	0			
Chlorobenzene	48.43	5.0	50	0	96.9	80-120	0			
Chloroethane	48.03	5.0	50	0	96.1	74.2-120	0			
Chloroform	48.61	5.0	50	0	97.2	80-120	0			
Chloromethane	45	5.0	50	0	90	63.5-133	0			
cis-1,2-Dichloroethene	48.07	5.0	50	0	96.1	80-120	0			
cis-1,3-Dichloropropene	49.44	5.0	50	0	98.9	80-120	0			
Dibromochloromethane	54.26	5.0	50	0	109	80-120	0			
Ethylbenzene	50.71	5.0	50	0	101	80-120	0			
Isopropylbenzene	48.3	5.0	50	0	96.6	80-120	0			
m,p-Xylene	99.68	10	100	0	99.7	80-120	0			
Methyl tert-butyl ether	54.07	5.0	50	1.599	105	75.8-123	0			
Methylene chloride	48.81	10	50	0	97.6	74.7-120	0			
n-Butylbenzene	48.41	5.0	50	0	96.8	80-120	0			
n-Propylbenzene	50.81	5.0	50	0	102	80-120	0			
Naphthalene	56.98	5.0	50	2.353	109	71.4-124	0			
o-Xylene	50.77	5.0	50	0	102	80-120	0			
sec-Butylbenzene	47.83	5.0	50	0	95.7	80-120	0			
Styrene	48.78	5.0	50	0	97.6	80-120	0			
Tetrachloroethene	47.31	5.0	50	0	94.6	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278		Instrument ID VOA2		Method: SW8260			
Toluene	49.8	5.0	50	0	99.6	80-120	0
trans-1,2-Dichloroethene	47.55	5.0	50	0	95.1	75.9-122	0
trans-1,3-Dichloropropene	49.21	5.0	50	0	98.4	80-120	0
Trichloroethene	49.14	5.0	50	0	98.3	80-120	0
Vinyl chloride	46.37	2.0	50	0	92.7	76.2-121	0
Xylenes, Total	150.4	15	150	0	100	80-120	0
Surr: 1,2-Dichloroethane-d4	44.02	5.0	50	0	88	70-125	0
Surr: 4-Bromofluorobenzene	47.38	5.0	50	0	94.8	72.4-125	0
Surr: Dibromofluoromethane	44.9	5.0	50	0	89.8	71.2-125	0
Surr: Toluene-d8	45.29	5.0	50	0	90.6	75-125	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0610346-22AMSD Units: µg/L Analysis Date: 10/29/06 15:11

Client ID: MW-10 Run ID: VOA2_061029A SeqNo: 983549 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	49.47	5.0	50	0	98.9	79.6-120	50.44	1.93	20	
1,1,2,2-Tetrachloroethane	57.37	5.0	50	0	115	78.9-121	55.86	2.66	20	
1,1,2-Trichloroethane	51.91	5.0	50	0	104	80-120	50.37	3	20	
1,1-Dichloroethane	47.85	5.0	50	0	95.7	74.2-122	48.39	1.12	20	
1,1-Dichloroethene	49.82	5.0	50	0	99.6	75.8-122	47.59	4.57	20	
1,2,4-Trimethylbenzene	50.12	5.0	50	0	100	80-120	47.5	5.38	20	
1,2-Dibromoethane	53.78	5.0	50	0	108	80-120	52.16	3.06	20	
1,2-Dichloroethane	52.66	5.0	50	0	105	78.8-120	51.65	1.95	20	
1,2-Dichloropropane	51.51	5.0	50	0	103	80-120	51.38	0.265	20	
1,3,5-Trimethylbenzene	53.5	5.0	50	0	107	80-120	50.36	6.03	20	
2-Butanone	117.3	10	100	0	117	69.2-131	110	6.51	20	
2-Hexanone	131.5	10	100	0	131	59.1-135	122.3	7.21	20	
4-Isopropyltoluene	48.35	5.0	50	0	96.7	80-120	46.72	3.43	20	
4-Methyl-2-pentanone	129.5	10	100	5.87	124	71.6-124	123.2	4.95	20	
Acetone	112.2	10	100	8.567	104	60.1-141	106.6	5.12	20	
Benzene	50.52	5.0	50	0.4987	100	80-120	50.41	0.218	20	
Bromodichloromethane	54.23	5.0	50	0	108	80-120	53.93	0.558	20	
Bromoform	56.92	5.0	50	0	114	78.1-120	55.56	2.43	20	
Bromomethane	50.38	5.0	50	0	101	52.8-147	46.72	7.55	20	
Carbon disulfide	102.8	10	100	0	103	78.8-120	101.1	1.71	20	
Carbon tetrachloride	50.42	5.0	50	0	101	76.8-120	49.53	1.78	20	
Chlorobenzene	49.17	5.0	50	0	98.3	80-120	48.43	1.51	20	
Chloroethane	48.57	5.0	50	0	97.1	74.2-120	48.03	1.11	20	
Chloroform	47.47	5.0	50	0	94.9	80-120	48.61	2.38	20	
Chloromethane	42.51	5.0	50	0	85	63.5-133	45	5.7	20	
cis-1,2-Dichloroethene	47.84	5.0	50	0	95.7	80-120	48.07	0.482	20	
cis-1,3-Dichloropropene	50.37	5.0	50	0	101	80-120	49.44	1.86	20	
Dibromochloromethane	55.65	5.0	50	0	111	80-120	54.26	2.54	20	
Ethylbenzene	52.4	5.0	50	0	105	80-120	50.71	3.27	20	
Isopropylbenzene	49.56	5.0	50	0	99.1	80-120	48.3	2.56	20	
m,p-Xylene	103.9	10	100	0	104	80-120	99.68	4.18	20	
Methyl tert-butyl ether	57.07	5.0	50	1.599	111	75.8-123	54.07	5.4	20	
Methylene chloride	48.7	10	50	0	97.4	74.7-120	48.81	0.223	20	
n-Butylbenzene	49.77	5.0	50	0	99.5	80-120	48.41	2.77	20	
n-Propylbenzene	53.13	5.0	50	0	106	80-120	50.81	4.47	20	
Naphthalene	65.85	5.0	50	2.353	127	71.4-124	56.98	14.5	20	S
o-Xylene	52.82	5.0	50	0	106	80-120	50.77	3.97	20	
sec-Butylbenzene	49.51	5.0	50	0	99	80-120	47.83	3.46	20	
Styrene	50.54	5.0	50	0	101	80-120	48.78	3.56	20	
Tetrachloroethene	49.12	5.0	50	0	98.2	80-120	47.31	3.75	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43278	Instrument ID VOA2		Method: SW8260							
Toluene	50.99	5.0	50	0	102	80-120	49.8	2.37	20	
trans-1,2-Dichloroethene	49.05	5.0	50	0	98.1	75.9-122	47.55	3.11	20	
trans-1,3-Dichloropropene	50.73	5.0	50	0	101	80-120	49.21	3.04	20	
Trichloroethene	50.35	5.0	50	0	101	80-120	49.14	2.43	20	
Vinyl chloride	47.08	2.0	50	0	94.2	76.2-121	46.37	1.51	20	
Xylenes, Total	156.8	15	150	0	105	80-120	150.4	4.11	20	
Surr: 1,2-Dichloroethane-d4	43.23	5.0	50	0	86.5	70-125	44.02	1.82	20	
Surr: 4-Bromofluorobenzene	46.71	5.0	50	0	93.4	72.4-125	47.38	1.42	20	
Surr: Dibromofluoromethane	43.53	5.0	50	0	87.1	71.2-125	44.9	3.1	20	
Surr: Toluene-d8	45.32	5.0	50	0	90.6	75-125	45.29	0.063	20	

The following samples were analyzed in this batch:

0610346-17A	0610346-22A	0610346-23A
0610346-24A	0610346-25A	0610346-26A
0610346-27A	0610346-28A	0610346-29A
0610346-30A	0610346-31A	0610346-32A
0610346-33A		

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42967** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-102006** Units: **pH units** Analysis Date: **10/20/06 0:00**

Client ID: Run ID: **WETCHEM_061020D** SeqNo: **976451** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.02	0.10	6	0	100	90-110	0			

DUP Sample ID: **0610346-01F DUP** Units: **pH units** Analysis Date: **10/20/06 0:00**

Client ID: **MW-50** Run ID: **WETCHEM_061020D** SeqNo: **976482** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.8	0.10	0	0	0	0-0	6.77	0.442	20	H

The following samples were analyzed in this batch:

0610346-01F	0610346-02F	0610346-03F
0610346-04F	0610346-05F	0610346-06E
0610346-07E	0610346-08F	0610346-09F
0610346-10F	0610346-17F	0610346-18F
0610346-19F	0610346-20F	0610346-21G
0610346-22G	0610346-23F	0610346-24E
0610346-25E	0610346-26E	

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R42968** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-102006** Units: **pH units** Analysis Date: **10/20/06 0:00**

Client ID: Run ID: **WETCHEM_061020E** SeqNo: **976485** 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: **0610346-27E DUP** Units: **pH units** Analysis Date: **10/20/06 0:00**

Client ID: **RA-4798** Run ID: **WETCHEM_061020E** SeqNo: **976493** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.97	0.10	0	0	0	0-0	6.95	0.287	20	

The following samples were analyzed in this batch:

0610346-27E	0610346-28E	0610346-29E
0610346-30E	0610346-31E	0610346-32F
0610346-33E		

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43007** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **WBLKW1** Units: **mg/L** Analysis Date: **10/22/06 0:00**

Client ID: Run ID: **BALANCE1_061022A** SeqNo: **977404** 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: **WLCSW1** Units: **mg/L** Analysis Date: **10/22/06 0:00**

Client ID: Run ID: **BALANCE1_061022A** SeqNo: **977405** 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	1006	10	1000	0	101	85-115	0			

DUP Sample ID: **0610346-01F DUP** Units: **mg/L** Analysis Date: **10/22/06 0:00**

Client ID: **MW-50** Run ID: **BALANCE1_061022A** SeqNo: **977394** 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	2721	10	0	0	0	0-0	2752	1.13	20	

The following samples were analyzed in this batch:

0610346-01F	0610346-02F	0610346-03F
0610346-04F	0610346-05F	0610346-06E
0610346-07E	0610346-08F	0610346-09F
0610346-10F		

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43087** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **BLK** Units: **mg/L** Analysis Date: **10/23/06 0:00**

Client ID: Run ID: **BALANCE1_061023G** SeqNo: **979051** 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: **10/23/06 0:00**

Client ID: Run ID: **BALANCE1_061023G** SeqNo: **979053** 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	989	10	1000	0	98.9	85-115	0			

DUP Sample ID: **0610355-10G DUP** Units: **mg/L** Analysis Date: **10/23/06 0:00**

Client ID: Run ID: **BALANCE1_061023G** SeqNo: **979971** 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	0	0	0	0-0	0	0	20	

The following samples were analyzed in this batch:

0610346-17F	0610346-18F	0610346-19F
0610346-20F	0610346-21G	

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43121** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **BLK** Units: **mg/L** Analysis Date: **10/24/06 0:00**

Client ID: Run ID: **BALANCE1_061024C** SeqNo: **979885** 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: **10/24/06 0:00**

Client ID: Run ID: **BALANCE1_061024C** SeqNo: **979886** 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	1004	10	1000	0	100	85-115	0			

DUP Sample ID: **0610346-25E-DUP** Units: **mg/L** Analysis Date: **10/24/06 0:00**

Client ID: **RA-3723** Run ID: **BALANCE1_061024C** SeqNo: **979872** 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	854	10	0	0	0	0-0	816	4.55	20	

The following samples were analyzed in this batch:

0610346-25E	0610346-26E	0610346-27E
0610346-28E	0610346-29E	0610346-30E

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43130** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **BLK** Units: **mg/L** Analysis Date: **10/24/06 0:00**

Client ID: Run ID: **BALANCE1_061024D** SeqNo: **980109** 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: **10/24/06 0:00**

Client ID: Run ID: **BALANCE1_061024D** SeqNo: **980110** 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	947	10	1000	0	94.7	85-115	0			

DUP Sample ID: **0610401-02A DUP** Units: **mg/L** Analysis Date: **10/24/06 0:00**

Client ID: Run ID: **BALANCE1_061024D** SeqNo: **980108** 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	1368	10	0	0	0	0-0	1388	1.45	20	

The following samples were analyzed in this batch:

0610346-22G	0610346-23F	0610346-24E
0610346-31E	0610346-32F	0610346-33E

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43206** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-R43206** Units: **mg/L** Analysis Date: **10/26/06 0:00**

Client ID: Run ID: **WETCHEM_061026F** SeqNo: **981892** 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								

DUP Sample ID: **0610346-04FDUP** Units: **mg/L** Analysis Date: **10/26/06 0:00**

Client ID: **MW-58** Run ID: **WETCHEM_061026F** SeqNo: **981917** 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)	726.2	5.0	0	0	0	0-0	721	0.712	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)	726.2	5.0	0	0	0	0-0	721	0.712	20	

The following samples were analyzed in this batch:

0610346-04F	0610346-05F	0610346-06E
0610346-07E	0610346-08F	0610346-09F
0610346-10F	0610346-17F	0610346-18F
0610346-19F	0610346-20F	0610346-21G
0610346-22G	0610346-23F	0610346-24E
0610346-25E	0610346-26E	0610346-27E
0610346-28E	0610346-29E	

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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43217** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-102706** Units: **mg/L** Analysis Date: **10/25/06 0:00**

Client ID: Run ID: **WETCHEM_061025F** SeqNo: **982134** 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: **WLCW1-102706** Units: **mg/L** Analysis Date: **10/25/06 0:00**

Client ID: Run ID: **WETCHEM_061025F** SeqNo: **982135** 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)	1010	5.0	1000	0	101	80-120	0			

DUP Sample ID: **0610391-01EDUP** Units: **mg/L** Analysis Date: **10/25/06 0:00**

Client ID: Run ID: **WETCHEM_061025F** SeqNo: **982162** 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)	474.7	5.0	0	0	0	0-0	464.6	2.15	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)	474.7	5.0	0	0	0	0-0	464.6	2.15	20	

The following samples were analyzed in this batch:

0610346-01F	0610346-02F	0610346-03F
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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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43253** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-R43253** Units: **mg/L** Analysis Date: **10/27/06 0:00**

Client ID: Run ID: **WETCHEM_061027E** SeqNo: **983108** 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-R43253** Units: **mg/L** Analysis Date: **10/27/06 0:00**

Client ID: Run ID: **WETCHEM_061027E** SeqNo: **983109** 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)	980.4	5.0	1000	0	98	80-120	0			

DUP Sample ID: **0610355-06GDUP** Units: **mg/L** Analysis Date: **10/27/06 0:00**

Client ID: Run ID: **WETCHEM_061027E** SeqNo: **983129** 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)	1362	5.0	0	0	0	0-0	1383	1.5	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)	1362	5.0	0	0	0	0-0	1383	1.5	20	

The following samples were analyzed in this batch:

0610346-30E	0610346-31E	0610346-32F
0610346-33E		

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43424** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-103106** Units: **mg/L** Analysis Date: **10/31/06 22:14**

Client ID: Run ID: **IC201_061031A** SeqNo: **986471** 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)	5.342	0.10	5	0	107	85-115	0			

LCS Sample ID: **WLCSW1-364-18-** Units: **mg/L** Analysis Date: **10/31/06 22:36**

Client ID: Run ID: **IC201_061031A** SeqNo: **986472** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	19.72	0.50	20	0	98.6	90-110	0			
Fluoride	4.147	0.10	4	0	104	90-110	0			
Sulfate	20.02	1.0	20	0	100	90-110	0			
Surr: Selenate (surr)	4.95	0.10	5	0	99	85-115	0			

MS Sample ID: **0610346-01CMS** Units: **mg/L** Analysis Date: **10/31/06 23:42**

Client ID: **MW-50** Run ID: **IC201_061031A** SeqNo: **986475** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	210.9	0.50	10	205.8	50.9	80-120	0			SEO
Fluoride	2.718	0.10	2	0.914	90.2	80-120	0			
Sulfate	1339	1.0	10	1363	-236	80-120	0			SEO
Surr: Selenate (surr)	4.801	0.10	5	0	96	80-120	0			

MSD Sample ID: **0610346-01CMSD** Units: **mg/L** Analysis Date: **11/01/06 0:04**

Client ID: **MW-50** Run ID: **IC201_061031A** SeqNo: **986476** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	209.4	0.50	10	205.8	35.6	80-120	210.9	0.725	20	SEO
Fluoride	2.731	0.10	2	0.914	90.8	80-120	2.718	0.477	20	
Sulfate	1337	1.0	10	1363	-258	80-120	1339	0.162	20	SEO
Surr: Selenate (surr)	4.856	0.10	5	0	97.1	80-120	4.801	1.14	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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43424** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0610346-01CDUP** Units: **mg/L** Analysis Date: **10/31/06 23:20**

Client ID: **MW-50** Run ID: **IC201_061031A** SeqNo: **986474** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	203.6	0.50	0	0	0	0-0	205.8	1.07	20	E
Fluoride	0.915	0.10	0	0	0	0-0	0.914	0.109	20	
Sulfate	1362	1.0	0	0	0	0-0	1363	0.0772	20	E
Surr: Selenate (surr)	4.726	0.10	5	0	94.5	80-120	4.831	2.2	20	

DUP Sample ID: **0610346-01CDUP** Units: **mg/L** Analysis Date: **11/01/06 0:47**

Client ID: **MW-50** Run ID: **IC201_061031A** SeqNo: **986478** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	203.7	2.5	0	0	0	0-0	203.8	0.0726	20	
Fluoride	0.99	0.50	0	0	0	0-0	1.032	4.15	20	
Sulfate	1378	5.0	0	0	0	0-0	1385	0.5	20	E
Surr: Selenate (surr)	23.68	0.50	25	0	94.7	80-120	23.91	0.975	20	

The following samples were analyzed in this batch:

0610346-01C	0610346-02C	0610346-03C
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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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43450 Instrument ID IC201 Method: E300

MBLK Sample ID: WBLKW1-110106 Units: mg/L Analysis Date: 11/01/06 18:10

Client ID: Run ID: IC201_061101A SeqNo: 986956 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)	5.533	0.10	5	0	111	85-115	0			

LCS Sample ID: WLCSW1-364-18- Units: mg/L Analysis Date: 11/01/06 18:31

Client ID: Run ID: IC201_061101A SeqNo: 986958 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.15	0.50	20	0	101	90-110	0			
Fluoride	4.24	0.10	4	0	106	90-110	0			
Sulfate	19.96	1.0	20	0	99.8	90-110	0			
Surr: Selenate (surr)	4.989	0.10	5	0	99.8	85-115	0			

MS Sample ID: 0611007-03DMS Units: mg/L Analysis Date: 11/02/06 0:22

Client ID: Run ID: IC201_061101A SeqNo: 987398 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	197.2	0.50	10	190.4	68.2	80-120	0			SEO
Fluoride	2.1	0.10	2	0.112	99.4	80-120	0			
Sulfate	10.82	1.0	10	1.128	97	80-120	0			
Surr: Selenate (surr)	4.798	0.10	5	0	96	80-120	0			

MSD Sample ID: 0611007-03DMSD Units: mg/L Analysis Date: 11/02/06 0:44

Client ID: Run ID: IC201_061101A SeqNo: 987400 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	198.4	0.50	10	190.4	80.2	80-120	197.2	0.606	20	EO
Fluoride	2.114	0.10	2	0.112	100	80-120	2.1	0.664	20	
Sulfate	10.86	1.0	10	1.128	97.4	80-120	10.82	0.36	20	
Surr: Selenate (surr)	4.775	0.10	5	0	95.5	80-120	4.798	0.481	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43450 Instrument ID IC201 Method: E300

DUP	Sample ID: 0611007-03DDUP		Units: mg/L		Analysis Date: 11/01/06 23:38					
Client ID:	Run ID: IC201_061101A		SeqNo: 986979		Prep Date:		DF: 1			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	191.2	0.50	0	0	0	0-0	190.4	0.405	20	E
Fluoride	0.109	0.10	0	0	0	0-0	0.112	2.71	20	
Sulfate	1.117	1.0	0	0	0	0-0	1.128	0.98	20	
Surr: Selenate (surr)	4.708	0.10	5	0	94.2	80-120	4.741	0.698	20	

DUP	Sample ID: 0611007-03DDUP		Units: mg/L		Analysis Date: 11/02/06 1:28					
Client ID:	Run ID: IC201_061101A		SeqNo: 986984		Prep Date:		DF: 5			
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	195.1	2.5	0	0	0	0-0	194.4	0.387	20	
Fluoride	ND	0.50	0	0	0	0-0	0.119	0	20	
Sulfate	ND	5.0	0	0	0	0-0	1.533	0	20	
Surr: Selenate (surr)	23.42	0.50	25	0	93.7	80-120	23.66	1.03	20	

The following samples were analyzed in this batch:

0610346-04C	0610346-05C	0610346-06B
0610346-07B	0610346-08C	0610346-09C
0610346-10C	0610346-17C	0610346-18C

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43503** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-110306** Units: **mg/L** Analysis Date: **11/03/06 16:44**

Client ID: Run ID: **IC201_061103A** SeqNo: **988361** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	ND	1.0								
Surr: Selenate (surr)	5.186	0.10	5	0	104	85-115	0			

LCS Sample ID: **WLCSW1-364-18-** Units: **mg/L** Analysis Date: **11/03/06 17:06**

Client ID: Run ID: **IC201_061103A** SeqNo: **988362** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	19.89	1.0	20	0	99.5	90-110	0			
Surr: Selenate (surr)	5.008	0.10	5	0	100	85-115	0			

MS Sample ID: **0610355-06GMS** Units: **mg/L** Analysis Date: **11/04/06 10:16**

Client ID: Run ID: **IC201_061103A** SeqNo: **988375** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	1650	100	1000	684	96.6	80-120	0			
Surr: Selenate (surr)	469.4	10	500	0	93.9	80-120	0			

MS Sample ID: **0611079-02DMS** Units: **mg/L** Analysis Date: **11/04/06 5:09**

Client ID: Run ID: **IC201_061103A** SeqNo: **988401** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	85.48	1.0	10	77.68	78.1	80-120	0			SEO
Surr: Selenate (surr)	4.778	0.10	5	0	95.6	80-120	0			

MSD Sample ID: **0610355-06GMSD** Units: **mg/L** Analysis Date: **11/04/06 10:38**

Client ID: Run ID: **IC201_061103A** SeqNo: **988376** Prep Date: DF: **100**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	1658	100	1000	684	97.4	80-120	1650	0.499	20	
Surr: Selenate (surr)	474.4	10	500	0	94.9	80-120	469.4	1.07	20	

MSD Sample ID: **0611079-02DMSD** Units: **mg/L** Analysis Date: **11/04/06 5:31**

Client ID: Run ID: **IC201_061103A** SeqNo: **988402** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	85.78	1.0	10	77.68	81	80-120	85.48	0.344	20	EO
Surr: Selenate (surr)	4.757	0.10	5	0	95.1	80-120	4.778	0.44	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43503 Instrument ID IC201 Method: E300

DUP	Sample ID: 0611079-02DDUP					Units: mg/L		Analysis Date: 11/04/06 4:47		
Client ID:	Run ID: IC201_061103A				SeqNo: 988400		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	76.85	1.0	0	0	0	0-0	77.68	1.07	20	E
Surr: Selenate (surr)	4.785	0.10	5	0	95.7	80-120	4.825	0.832	20	

DUP	Sample ID: 0611079-02DDUP					Units: mg/L		Analysis Date: 11/04/06 6:15		
Client ID:	Run ID: IC201_061103A				SeqNo: 988404		Prep Date:		DF: 5	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	77.01	5.0	0	0	0	0-0	76.04	1.27	20	
Surr: Selenate (surr)	23.27	0.50	25	0	93.1	80-120	23.87	2.57	20	

DUP	Sample ID: 0610355-06GDUP					Units: mg/L		Analysis Date: 11/04/06 9:54		
Client ID:	Run ID: IC201_061103A				SeqNo: 988413		Prep Date:		DF: 100	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sulfate	684.5	100	0	0	0	0-0	684	0.076	20	
Surr: Selenate (surr)	470.4	10	500	0	94.1	80-120	468	0.52	20	

The following samples were analyzed in this batch:

0610346-18C

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43504** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-110406** Units: **mg/L** Analysis Date: **11/04/06 18:40**

Client ID: Run ID: **IC201_061104A** SeqNo: **988552** 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)	5.187	0.10	5	0	104	85-115	0			

LCS Sample ID: **WLCSW1-364-18-** Units: **mg/L** Analysis Date: **11/04/06 19:01**

Client ID: Run ID: **IC201_061104A** SeqNo: **988553** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	19.96	0.50	20	0	99.8	90-110	0			
Fluoride	4.124	0.10	4	0	103	90-110	0			
Sulfate	19.9	1.0	20	0	99.5	90-110	0			
Surr: Selenate (surr)	4.912	0.10	5	0	98.2	85-115	0			

MS Sample ID: **0610346-23CMS** Units: **mg/L** Analysis Date: **11/05/06 7:48**

Client ID: **KWB-13** Run ID: **IC201_061104A** SeqNo: **988608** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	225.5	2.5	50	181.2	88.8	80-120	0			
Fluoride	10.48	0.50	10	0.866	96.2	80-120	0			
Sulfate	1826	5.0	50	1828	-4.52	80-120	0			SEO
Surr: Selenate (surr)	23.89	0.50	25	0	95.6	80-120	0			

MSD Sample ID: **0610346-23CMSD** Units: **mg/L** Analysis Date: **11/05/06 8:10**

Client ID: **KWB-13** Run ID: **IC201_061104A** SeqNo: **988609** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	225.9	2.5	50	181.2	89.4	80-120	225.5	0.14	20	
Fluoride	10.67	0.50	10	0.866	98.1	80-120	10.48	1.81	20	
Sulfate	1836	5.0	50	1828	16.1	80-120	1826	0.563	20	SEO
Surr: Selenate (surr)	23.8	0.50	25	0	95.2	80-120	23.89	0.386	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: 0610346
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43504** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0610346-23CDUP** Units: **mg/L** Analysis Date: **11/05/06 10:00**

Client ID: **KWB-13** Run ID: **IC201_061104A** SeqNo: **988572** Prep Date: DF: **50**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	172	25	0	0	0	0-0	170.8	0.668	20	
Fluoride	ND	5.0	0	0	0	0-0	1.13	0	20	
Sulfate	1820	50	0	0	0	0-0	1818	0.075	20	
Surr: Selenate (surr)	236.1	5.0	250	0	94.5	80-120	235.1	0.45	20	

DUP Sample ID: **0610346-23CDUP** Units: **mg/L** Analysis Date: **11/05/06 7:26**

Client ID: **KWB-13** Run ID: **IC201_061104A** SeqNo: **988607** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	179.5	2.5	0	0	0	0-0	181.2	0.912	20	
Fluoride	0.86	0.50	0	0	0	0-0	0.866	0.695	20	
Sulfate	1823	5.0	0	0	0	0-0	1828	0.259	20	E
Surr: Selenate (surr)	23.93	0.50	25	0	95.7	80-120	23.67	1.11	20	

The following samples were analyzed in this batch:

0610346-19C	0610346-20C	0610346-21D
0610346-22D	0610346-23C	0610346-24B
0610346-25B	0610346-26B	0610346-27B
0610346-28B	0610346-29B	0610346-30B
0610346-31B	0610346-32C	0610346-33B

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R43568 Instrument ID IC201 Method: E300

MBLK Sample ID: WBLKW1-110606/ Units: mg/L Analysis Date: 11/06/06 14:29

Client ID: Run ID: IC201_061106A SeqNo: 990035 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)	5.531	0.10	5	0	111	85-115		0		

LCS Sample ID: WLCSW1-364-18- Units: mg/L Analysis Date: 11/06/06 14:51

Client ID: Run ID: IC201_061106A SeqNo: 990036 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)	8.123	0.10	8	0	102	90-110		0		
Surr: Selenate (surr)	4.972	0.10	5	0	99.4	85-115		0		

MS Sample ID: 0610346-03DMS Units: mg/L Analysis Date: 11/06/06 16:40

Client ID: ACL-34 Run ID: IC201_061106A SeqNo: 990041 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)	16.12	0.50	20	0	80.6	80-120		0		
Surr: Selenate (surr)	24.95	0.50	25	0	99.8	80-120		0		

MSD Sample ID: 0610346-03DMSD Units: mg/L Analysis Date: 11/06/06 17:02

Client ID: ACL-34 Run ID: IC201_061106A SeqNo: 990042 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)	16.4	0.50	20	0	82	80-120	16.12	1.75	20	
Surr: Selenate (surr)	24.6	0.50	25	0	98.4	80-120	24.95	1.45	20	

DUP Sample ID: 0610346-03DDUP Units: mg/L Analysis Date: 11/06/06 16:18

Client ID: ACL-34 Run ID: IC201_061106A SeqNo: 990040 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)	24.67	0.50	25	0	98.7	80-120	24.82	0.578	20	

The following samples were analyzed in this batch:

0610346-01D	0610346-02D	0610346-03D
0610346-04D	0610346-05D	0610346-06C
0610346-07C		

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: 0610346
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R43695** Instrument ID **IC201** Method: **E300**

MBLK	Sample ID: WBLKW1-110906/				Units: mg/L		Analysis Date: 11/09/06 2:07			
Client ID:	Run ID: IC201_061108B				SeqNo: 992153		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)	5.868	0.10	5	0	117	85-115	0			S

LCS	Sample ID: WLCSW1-364-21-				Units: mg/L		Analysis Date: 11/09/06 2:29			
Client ID:	Run ID: IC201_061108B				SeqNo: 992154		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)	8.045	0.10	8	0	101	90-110		0		
Surr: Selenate (surr)	4.978	0.10	5	0	99.6	85-115		0		

MS	Sample ID: 0610346-25CMS				Units: mg/L			Analysis Date: 11/09/06 8:41		
Client ID: RA-3723		Run ID: IC201_061108B			SeqNo: 992176		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)	15.53	0.50	20	0.534	75	80-120	0			S
Surr: Selenate (surr)	24.86	0.50	25	0	99.4	80-120	0			

MSD	Sample ID: 0610346-25CMSD					Units: mg/L		Analysis Date: 11/09/06 9:03		
Client ID: RA-3723			Run ID: IC201_061108B			SeqNo: 992177		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)	16.3	0.50	20	0.534	78.8	80-120	15.53	4.83	20	S
Surr: Selenate (surr)	24.73	0.50	25	0	98.9	80-120	24.86	0.508	20	

DUP	Sample ID: 0610346-25CDUP					Units: mg/L		Analysis Date: 11/09/06 8:19		
Client ID: RA-3723			Run ID: IC201_061108B			SeqNo: 992175		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)	0.534	0.50	0	0	0	0-0	0.534	0	20	
Surr: Selenate (surr)	25.08	0.50	25	0	100	80-120	25.1	0.104	20	

The following samples were analyzed in this batch:

0610346-08D	0610346-09D	0610346-10D
0610346-17D	0610346-18D	0610346-19D
0610346-20D	0610346-21E	0610346-22E
0610346-23D	0610346-24C	0610346-25C
0610346-26C	0610346-27C	0610346-28C
0610346-29C	0610346-30C	0610346-31C
0610346-32D	0610346-33C	

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



Houston, Texas 77099
(Tel) 281.530.5656
(Fax) 281.530.5887

Page 1 of 4

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Customer Information				Project Information				e-Lab Project Manager:				e-Lab Work Order #:					
Purchase Order				Navajo Artesia				VOC 8260 Select:				Parameter/Method Request for Analysis					
Work Order				Project Name				A				B					
Company Name				Project Number				B				GRO					
Send Report To				Bill To Company				C				DRO					
Address				Invoice Attn				D				Anions (Cl, F, SO ₄ .)					
City/State/Zip				Address				E				Anions (NO ₃ , NO ₂)					
Phone				City/State/Zip				F				Total Metal 8020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)					
Fax				Phone				G				TDS / AIKS / PH					
e-Mail Address				Fax				H									
				e-Mail Address				I									
								J									
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
1	MW-50	10/16/06	1445	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2	Duplicate 101			H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
3	ACL-34	10/16/06	1520	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
4	MW-58	10/17/06	0810	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
5	KWB-12A	10/17/06	0850	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6	KWB-18	10/17/06	0950	H ₂ O		7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
7	KWB-1C	10/17/06	1115	H ₂ O		7	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
8	KWB-1A	10/17/06	1125	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
9	KWB-10	10/17/06	1220	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
10	KWB-3R	10/17/06	1300	H ₂ O		9	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	

Sample(s) Please Print & Sign: *[Signature]*

Relinquished by: *[Signature]*

Relinquished by: *[Signature]*

Received by: *[Signature]*

Date: 10/19/06 Time: 1330

Date: 10/19/06 Time: 1330

Date: Time:

Date: Time:

Date: Time:

Shipment Method: FEDEX

Required Turnaround Time: (Check Box)
☒ 5 WK Days ☐ 10 WK Days ☐ 24 Hour

Results Due Date:

QC Package: (Check One Box Below)
☒ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP ☐ Other

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

Logged by (Laboratory): *[Signature]*

QC Temp: *[Blank]*

Cooler ID: *[Blank]*

Cooler Temp: *[Blank]*

Note: 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.
2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Customer Information						Project Information							Parameter/Method Request for Analysis									
Purchase Order		Company Name	Navajo Refining Company	Send Report To	Darrell Moore	Project Name	Navajo Artesia	A	VOC 8260 Select:		e-Lab Project Manager		e-Lab Work Order #	0610396								
Work Order		Address	PO Box 159	Invoice Attn.		Project Number		B	GRO													
		City/State/Zip	Artesia, NM 88211			Bill To Company	Navajo Refining Company	C	DRO													
		Phone	(505) 748-3311				Darrell Moore	D	Anions (Cl, F, SO ₄ ,)													
		Fax	(505) 748-5421				PO Box 159	E	Anions (NO ₃ , NO ₂)													
		e-Mail Address						F	Total Metal 6020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)													
No.	Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold					
1	Field Blank	10/17/06	1400	H ₂ O	1,8																	
2	Equipment Blank	10/17/06	1400	H ₂ O	1,8																	
3	Field Blank	10/18/06	1445	H ₂ O	1,8																	
4	Equipment Blank	10/18/06	1445	H ₂ O	1,8																	
5	Field Blank	10/19/06	1005	H ₂ O	1,8																	
6	Equipment Blank	10/19/06	1005	H ₂ O	1,8																	
7																						
8																						
9																						
10																						

Sampler(s) Please Print & Sign: Isaac King Date: 10/19/06 Time: 1330

Relinquished by: _____ Date: _____ Time: _____

Relinquished by: _____ Date: _____ Time: _____

Logged by (Laboratory): _____ Date: _____ Time: _____

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

Shipments Method: FEDEX Required Turnaround Time: (Check Box)
☒ Std 10 WK Days ☐ 5 WK Days ☐ Other
☒ 2 WK Days ☐ 24 Hour

Results Due Date: _____

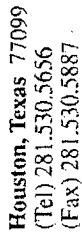
Notes: _____

QC Package: (Check One Box Below)
☒ Level II Std QC ☐ TRRP Checklist
☐ Level III Std QC/Raw Data ☐ TRRP Level IV
☐ Level IV SW846/CLP ☐ Other

1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.

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Page 3 of 4

Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Customer Information				Project Information				e-Lab Work Order #								
Purchase Order	Project Name	Navajo Artesia	Parameter/Method Request for Analysis													
Work Order	Project Number	Navajo Artesia	VOC 8260 Select:													
Company Name	Bill To Company	Navajo Refining Company	GRO													
Send Report To	Invoice Attn	Darrell Moore	DRO													
Address	Address	PO Box 159	Anions (Cl, F, SO4)													
City/State/Zip	City/State/Zip	Artesia, NM 88211	Anions (NO3, NO2)													
Phone	Phone	(505) 748-3311	Total Metal 6020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)													
Fax	Fax	(505) 746-5421	TDS/ALK/PH													
e-Mail Address	e-Mail Address	(505) 746-5421														
Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
KWB-Pa	10/18/06	1120	H2O	1,2,3,8	8	✓		✓	✓	✓	✓	✓				
KWB-11A	10/18/06	1030	H2O	1,2,3,8	9	✓		✓	✓	✓	✓	✓				
KWB-7	10/18/06	1100	H2O	1,2,3,8	9	✓		✓	✓	✓	✓	✓				
MW-16	10/18/06	1230	H2O	1,2,3,8	9	✓		✓	✓	✓	✓	✓				
MW-70	10/18/06	1325	H2O	1,2,3,8	12	✓		✓	✓	✓	✓	✓				
MW-10	10/18/06	1400	H2O	1,2,3,8	12	✓		✓	✓	✓	✓	✓				
KWB-13	10/19/06	1000	H2O	1,2,3,8	9	✓		✓	✓	✓	✓	✓				
RA-314	10/19/06	1030	H2O	1,2,3,8	7	✓		✓	✓	✓	✓	✓				
RA-3223	10/19/06	1030	H2O	1,2,3,8	7	✓		✓	✓	✓	✓	✓				
RA-4196	10/19/06	1050	H2O	1,2,3,8	7	✓		✓	✓	✓	✓	✓				

Signature: *[Signature]*
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 Time: 1330

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 Date: 10/19/06
 Time: 1330

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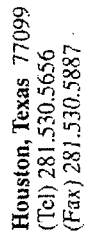
Signature: *[Signature]*
 Date: 10/19/06
 Time: 1330

Signature: *[Signature]*
 Date: 10/19/06
 Time: 1330

te: **1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.**

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2. Unless otherwise agreed in a formal contract, services provided by e-Lab Analytical, Inc. are expressly limited to the terms and conditions stated on the reverse.



Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

Customer Information						Project Information						e-Lab Project Manager:		e-Lab Work Order #:		
Purchase Order		Project Name	Navajo Artesia	A	VOC 8260 Select:											
Work Order		Project Number		B	GRO											
Company Name	Navajo Refining Company	Bill To Company	Navajo Refining Company	C	DRO											
Send Report To	Darrell Moore	Invoice Attn	Darrell Moore	D	Anions (Cl, F, SO ₄)											
Address	PO Box 159	Address	PO Box 159	E	Anions (NO ₃ , NO ₂)											
City/State/Zip	Artesia, NM 88211	City/State/Zip	Artesia, NM 88211	F	Total Metal 6020 (As, Ba, Cd, Cr, Pb, Se, Ag, Hg, Mg, K, Na, V)											
Phone	(505) 748-3311	Phone	(505) 748-3311	H												
Fax	(505) 746-5421	Fax	(505) 746-5421	I												
e-Mail Address		e-Mail Address		J												
Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
RA-4798	10/19/06	1100	H ₂ O	1238	7	-	-	-	-	-	-	-	-	-	-	-
RA-3353	10/14/06	1120	H ₂ O	1238	7	-	-	-	-	-	-	-	-	-	-	-
RA-3156	10/19/06	1130	H ₂ O	1238	7	-	-	-	-	-	-	-	-	-	-	-
RA-XXXX Larve well	10/19/06	1150	H ₂ O	1238	7	-	-	-	-	-	-	-	-	-	-	-
Duplicate 102			H ₂ O	1238	7	-	-	-	-	-	-	-	-	-	-	-
Duplicate 103			H ₂ O	1238	9	-	-	-	-	-	-	-	-	-	-	-
Duplicate 104			H ₂ O	1238	7	-	-	-	-	-	-	-	-	-	-	-
5 Field Trips																
4 ^{ER} Field Blank	10/16/06	1530	H ₂ O	1,8												
Equipment Blank	10/16/06	1530	H ₂ O	1,8												
Shipments Method FEDEX						Required Turnaround Time: (Check Box) ☒ Std 10 WK Days ☐ 5WK Days ☐ Other						Results Due Date: ☐ 2 WK Days ☐ 24 Hour				
Received by: [Signature]						Notes:										
Date: 10/19/06 Time: 1330																
Reservative Key: 1-HCI 2-HNO ₃ 3-H ₂ SO ₄ 4-NaOH 5-Na ₂ S ₂ O ₈ 6-NaHSO ₄ 7-Other 8-4°C 9-5035																

(e) 1. Any changes must be made in writing once samples and COC Form have been submitted to e-Lab Analytical, Inc.

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Sample Receipt Checklist

Client Name NAVAJO REFININGDate/Time Received: 10/20/2006 9:00:00 AMWork Order Number 0610346Received by: RSZ

Checklist completed by

Signature

Date

Reviewed by

Initials

Date

Matrix:

Carrier name FedEx

Shipping container/cooler in good condition?

Yes ☒No ☐Not Present ☐

Custody seals intact on shipping container/cooler?

Yes ☒No ☐Not Present ☐

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):

3/7, 2.5, 3.4, 2.9 C002

Water - VOA vials have zero headspace?

Yes ☒No ☐No VOA vials submitted ☐

Water - pH acceptable upon receipt?

Yes ☒No ☐N/A ☐

Adjusted?

Checked b

Login Notes:

reaming cooler temp- 2.5 C. One vial received broken for each sample "RA-3156", "FB 10/18" and "TB 2062". FB, FB, and TB samples logged in for VOCs per PM (JC). Sample "Duplicate 103" receive 2-11am neat bottles-Bottles
logged in wife analysis

Client contacted

Date contacted:

Person contacted

Contacted by:

Regarding:

Comments:

Corrective Action

ORIGIN ID: ROWA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 190CT06
ActWgt: 75.0 LB MAN
System#: 185697/CAFE232
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

SAMPLE RECEIVING

ELAB

10450 STANCLIFF

HOUSTON, TX 77099

(281) 530-5656

FedEx
Express



CLS090186/21/22

Dept: ENVIRONMENTAL

Delivery Address
Barcode

BILL SENDER

ORIGIN ID: ROWA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 190CT06
ActWgt: 70.0 LB MAN
System#: 185697/CAFE232
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

TO SAMPLE RECEIVING

ELAB

10450 STANCLIFF

HOUSTON, TX 77099

(281) 530-5656

FedE
Expr



2062

Ref:
INV:
PO:

Dept: ENVIRONMENTAL

Delivery Address
Barcode

BILL SENDER

PRI FedEx. **PRIORITY OVERNIGHT**

TRK# 9046 7990 1917

7 77099 -TX-US

SF JGQA

FRI
Deliver By:
200CT06

A2

FRI

Deliver By:
200CT06

PRIORITY OVERNIGHT

TRK# 9046 7990 1939

77099 -TX-US

XH JGQA

FRI
Deliver
200CT0

A2

0610346



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL

Date: 10/19/06 Time: 1300
Name: T. S. G. Kinsaid
Company: S. S. S.

Seal Broken By:

10/20/06

CUSTODY SEAL

Date: 10/19/06 Time: 1300
Name: T. S. G. Kinsaid
Company: S. S. S.

Seal Broken By:

10/20/06

ORIGIN ID: ROWA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 190CT06
ActWgt: 70.0 LB MAN
System#: 185697/CAFE2327
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

SAMPLE RECEIVING
ELAB
10450 STANCLIFF

HOUSTON, TX 77099

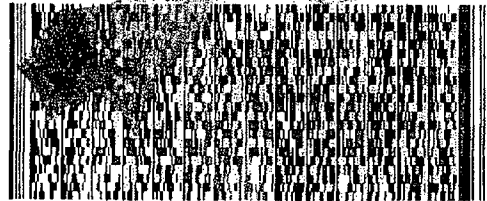
(281) 530-5656

FedEx
Express



CL5090106/21/22

Dept: ENVIRONMENTAL



Delivery Address
Barcode

BILL SENDER

PRIORITY OVERNIGHT

FRI

TRK#

77



IAH JGQA

SF

7099-1X-US

9046 7990 1906

0610346

ORIGIN ID: ROWA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 190CT06
ActWgt: 78.0 LB MAN
System#: 185697/CAFE2327
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

TO SAMPLE RECEIVING
ELAB
10450 STANCLIFF

HOUSTON, TX 77099

(281) 530-5656

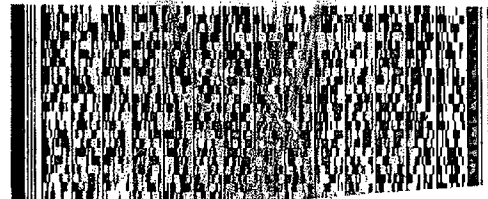
FedEx
Express



CL5090106/21/22

Ref:
INV:
PO:

Dept: ENVIRONMENTAL



Delivery Address
Barcode

FedEx

emp: 237371 190CT06

PRIORITY OVERNIGHT

FRI

Deliver By
200CT06

TRK# 9046 7990 1928

FORM
0201

77099

-TX-US

IAH

XH JGQA



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date: 4
Name:
Company:



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date:
Name:
Company:

CUSTODY SEAL

Seal Broken By:

10/19/06 Time: 1300
Same Kincaid

10/20/06

CUSTODY SEAL

Seal Broken By:

10-19-06 Time: 1300
Same Kincaid

10/20/06

0610346

ORIGIN ID: ROWA (505) 748-3311
CONNIE CONNER
NAVAJO REFINING COMPANY
501 E. MAIN STREET

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 190CT06
ActWgt: 73.0 LB MAN
System#: 185697/CAFE2327
Account: S 113684186

2030

TO SAMPLE RECEIVING
ELAB
10450 STANCLIFF

(281) 530-5656

FedE
Expr

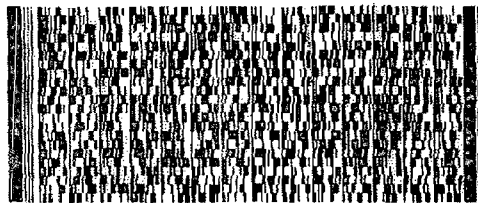


HOUSTON, TX 77099

Ref:
INV:
PO:

Dept: ENVIRONMENTAL

10450 STANCLIFF RD, HOUSTON, TX 77099



Delivery Address
Barcode

BILL SENDER

PRIORITY OVERNIGHT

FRI

Deliver By:

200CT06

TRK# 9046 7990 1891 Form 0201

IAH A2

77099 -TX-US

XH JGQA

Form # 1148-434 NRT 7-15



e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CI

JUSTODY SEAL

Date: 10/19/06
Name: T. S. G. G.
Company: SL

Time: 1:30
Signature: [Signature]

Received By:

Date: 10/20/06