

GW - _____ 28 _____

MONITORING REPORTS

DATE:

**2006 Annual
GW Report (4/5)**

e-Lab Analytical, Inc.

Date: December 29, 2006

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

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

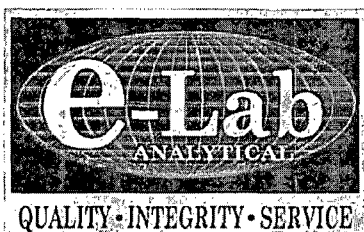
Matrix: WATER

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

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

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





e-Lab Analytical, Inc.

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

January 03, 2007

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

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

Re: Artesia

Work Order : **0612318**

Dear Darrell Moore,

e-Lab Analytical, Inc. received 31 samples on 12/16/2006 8:40:00 AM for the analyses presented in the following report.

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

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

The total number of pages in this report is 145.

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: Artesia

Work Order: 0612318

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>
0612318-01	OCD-7A	Water		12/14/2006 09:24	12/16/2006 08:40	☐
0612318-02	OCD-6	Water		12/14/2006 09:49	12/16/2006 08:40	☐
0612318-03	MW-3	Water		12/14/2006 10:30	12/16/2006 08:40	☐
0612318-04	MW-6A	Water		12/14/2006 10:46	12/16/2006 08:40	☐
0612318-05	MW-2A	Water		12/14/2006 11:15	12/16/2006 08:40	☐
0612318-06	MW-4A	Water		12/14/2006 11:50	12/16/2006 08:40	☐
0612318-07	MW-5A	Water		12/14/2006 12:20	12/16/2006 08:40	☐
0612318-08	OCD-8A	Water		12/14/2006 12:45	12/16/2006 08:40	☐
0612318-09	MW-7A	Water		12/14/2006 13:50	12/16/2006 08:40	☐
0612318-10	MW-18A	Water		12/14/2006 14:30	12/16/2006 08:40	☐
0612318-11	MW-70	Water		12/14/2006 15:08	12/16/2006 08:40	☐
0612318-12	MW-10	Water		12/14/2006 16:10	12/16/2006 08:40	☐
0612318-13	MW-22A	Water		12/14/2006 16:20	12/16/2006 08:40	☐
0612318-14	KWB-12A	Water		12/15/2006 09:55	12/16/2006 08:40	☐
0612318-15	Laure Well	Water		12/15/2006 09:40	12/16/2006 08:40	☐
0612318-16	KWB-9	Water		12/15/2006 10:20	12/16/2006 08:40	☐
0612318-17	MW-27	Water		12/15/2006 10:50	12/16/2006 08:40	☐
0612318-18	NP-5	Water		12/15/2006 11:20	12/16/2006 08:40	☐
0612318-19	MW-68	Water		12/15/2006 11:40	12/16/2006 08:40	☐
0612318-20	KWB-P2	Water		12/15/2006 12:25	12/16/2006 08:40	☐
0612318-21	Duplicate #3	Water		12/15/2006	12/16/2006 08:40	☐
0612318-22	Equipment Blank #1	Water		12/14/2006 15:45	12/16/2006 08:40	☐
0612318-23	Equipment Blank #2	Water		12/15/2006 11:54	12/16/2006 08:40	☐
0612318-24	Field Blank #1	Water		12/14/2006 15:35	12/16/2006 08:40	☐
0612318-25	Field Blank #2	Water		12/15/2006 11:56	12/16/2006 08:40	☐
0612318-26	Trip Blank #1	Water		12/15/2006	12/16/2006 08:40	☐
0612318-27	Trip Blank #2	Water		12/15/2006	12/16/2006 08:40	☐
0612318-28	Trip Blank #3	Water		12/15/2006	12/16/2006 08:40	☐
0612318-29	Trip Blank #4	Water		12/15/2006	12/16/2006 08:40	☐
0612318-30	Trip Blank #5	Water		12/15/2006	12/16/2006 08:40	☐
0612318-31	Trip Blank #6	Water		12/15/2006	12/16/2006 08:40	☐

e-Lab Analytical, Inc.

Date: *January 03, 2007*

CLIENT: Navajo Refining Company

Project: Artesia

Work Order: 0612318

Case Narrative

pH samples were received outside of the recommended holding time.

Nitrate/Nitrite could not be analyzed at a lower dilution due to high concentrations of target compounds.

GRO (sample MW-5A) Surrogate recovery was above the control limits for 4-Bromofluorobenzene (139%). Recovery was confirmed by re-analyzed at a dilution.

Batch 21364 Metals MS/MSD was an unrelated sample.

Batch R45203 Volatiles (sample OCD-6) MS/MSD recoveries were outside of control limits for several compounds. RPD's within control limits.

Batch R45231 Volatiles (sample MW-2A) MS/MSD recoveries were outside of control limits for several compounds. RPD's within control limits.

Batch's R45243 and R45253 Anions MS/MSD were unrelated samples.

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-01

Client Sample ID: OCD-7A
Collection Date: 12/14/2006 9:24:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 12/17/2006 Analyst: ACN		
TPH (Diesel Range)	1.8		0.050	mg/L	1	12/19/2006 9:02:00 AM
Surr: 2-Fluorobiphenyl	102		70-130	%REC	1	12/19/2006 9:02:00 AM
GASOLINE RANGE ORGANICS						
			SW8015	Analyst: RKG		
Gasoline Range Organics	1.22		0.0500	mg/L	1	12/26/2006 3:48:00 PM
Surr: 4-Bromofluorobenzene	127		70-130	%REC	1	12/26/2006 3:48:00 PM
MERCURY, TOTAL						
			SW7470	Prep Date: 12/26/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	12/27/2006 2:53:32 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 12/21/2006 Analyst: ALR		
Aluminum	0.0242		0.0100	mg/L	1	1/2/2007 2:46:00 PM
Arsenic	0.315		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Barium	0.0146		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 7:10:00 PM
Boron	0.599		0.0200	mg/L	1	12/29/2006 7:10:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 7:10:00 PM
Calcium	600		50.0	mg/L	100	12/29/2006 10:52:00 PM
Chromium	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Iron	10.1		0.200	mg/L	1	12/29/2006 7:10:00 PM
Lead	ND		0.00500	mg/L	1	1/2/2007 2:46:00 PM
Magnesium	226		20.0	mg/L	100	12/29/2006 10:52:00 PM
Manganese	4.03		0.500	mg/L	100	12/29/2006 10:52:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Nickel	0.00985		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Potassium	7.59		0.200	mg/L	1	12/29/2006 7:10:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Sodium	2,140		20.0	mg/L	100	12/29/2006 10:52:00 PM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
Zinc	ND		0.00500	mg/L	1	12/29/2006 7:10:00 PM
VOLATILES BY GC/MS						
			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: OCD-7A

Work Order: 0612318

Collection Date: 12/14/2006 9:24:00 AM

Project: Artesia

Lab ID: 0612318-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 12:08:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 12:08:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 12:08:00 PM
Acetone	20		10	µg/L	1	12/21/2006 12:08:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 12:08:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 12:08:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 12:08:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 12:08:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 12:08:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 12:08:00 PM
Surr: 1,2-Dichloroethane-d4	110		70-125	%REC	1	12/21/2006 12:08:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-01

Client Sample ID: OCD-7A
Collection Date: 12/14/2006 9:24:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	91.8		72.4-125	%REC	1	12/21/2006 12:08:00 PM
Surr: Dibromofluoromethane	106		71.2-125	%REC	1	12/21/2006 12:08:00 PM
Surr: Toluene-d8	80.4		75-125	%REC	1	12/21/2006 12:08:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	2,250		50.0	mg/L	100	12/24/2006 6:38:00 AM
Fluoride	4.90		0.100	mg/L	1	12/24/2006 6:16:00 AM
Sulfate	3,320		100	mg/L	100	12/24/2006 6:38:00 AM
Nitrate/Nitrite (as N)	1.02		0.500	mg/L	5	12/26/2006 8:43:00 AM
Surr: Selenate (surr)	92.2		80-120	%REC	5	12/26/2006 8:43:00 AM
Surr: Selenate (surr)	92.5		80-120	%REC	100	12/24/2006 6:38:00 AM
Surr: Selenate (surr)	81.5		80-120	%REC	1	12/24/2006 6:16:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	522		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	522		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.99	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	8,590		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-02

Client Sample ID: OCD-6
Collection Date: 12/14/2006 9:49:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.1		0.050	mg/L	1	12/19/2006 9:43:00 AM
Surr: 2-Fluorobiphenyl	85.5		70-130	%REC	1	12/19/2006 9:43:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.591		0.0500	mg/L	1	12/26/2006 4:11:00 PM
Surr: 4-Bromofluorobenzene	117		70-130	%REC	1	12/26/2006 4:11:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 2:55:32 PM
ICP METALS, TOTAL						
Aluminum	0.0167		0.0100	mg/L	1	12/29/2006 8:34:00 PM
Arsenic	0.0964		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Barium	0.0164		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 8:34:00 PM
Boron	0.661		0.0200	mg/L	1	12/29/2006 8:34:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 8:34:00 PM
Calcium	597		50.0	mg/L	100	12/29/2006 10:58:00 PM
Chromium	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Iron	12.9		0.200	mg/L	1	12/29/2006 8:34:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Magnesium	225		20.0	mg/L	100	12/29/2006 10:58:00 PM
Manganese	2.00		0.500	mg/L	100	12/29/2006 10:58:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Nickel	0.00716		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Potassium	13.1		0.200	mg/L	1	12/29/2006 8:34:00 PM
Selenium	0.00523		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Sodium	2,720		20.0	mg/L	100	12/29/2006 10:58:00 PM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 8:34:00 PM
Zinc	0.00612		0.00500	mg/L	1	12/29/2006 8:34:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-02

Client Sample ID: OCD-6
Collection Date: 12/14/2006 9:49:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 12:33:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 12:33:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 12:33:00 PM
Acetone	26		10	µg/L	1	12/21/2006 12:33:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 12:33:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 12:33:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 12:33:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 12:33:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 12:33:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 12:33:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/21/2006 12:33:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-02

Client Sample ID: OCD-6
Collection Date: 12/14/2006 9:49:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	94.3		72.4-125	%REC	1	12/21/2006 12:33:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/21/2006 12:33:00 PM
Surr: Toluene-d8	82.8		75-125	%REC	1	12/21/2006 12:33:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	3,170		50.0	mg/L	100	12/24/2006 7:22:00 AM
Fluoride	2.93		0.200	mg/L	2	12/25/2006 12:31:00 AM
Sulfate	3,750		100	mg/L	100	12/24/2006 7:22:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 9:05:00 AM
Surr: Selenate (surr)	90.9		80-120	%REC	5	12/26/2006 9:05:00 AM
Surr: Selenate (surr)	84.2		80-120	%REC	2	12/25/2006 12:31:00 AM
Surr: Selenate (surr)	92.7		80-120	%REC	100	12/24/2006 7:22:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	615		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	615		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.03	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	10,800		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia
 Lab ID: 0612318-03

Client Sample ID: MW-3
 Collection Date: 12/14/2006 10:30:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.88		SW8015M	mg/L	1	Prep Date: 12/17/2006 Analyst: ACN 12/19/2006 10:32:00 AM
Surr: 2-Fluorobiphenyl	70.2		70-130	%REC	1	12/19/2006 10:32:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.307		SW8015	mg/L	1	Analyst: RKG 12/26/2006 5:00:00 PM
Surr: 4-Bromofluorobenzene	120		70-130	%REC	1	12/26/2006 5:00:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 2:45:30 PM
ICP METALS, TOTAL						
Aluminum	0.0225		SW6020	mg/L	1	Prep Date: 12/21/2006 Analyst: SA 12/29/2006 8:40:00 PM
Arsenic	0.0359		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Barium	0.0146		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 8:40:00 PM
Boron	0.692		0.0200	mg/L	1	12/29/2006 8:40:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 8:40:00 PM
Calcium	482		50.0	mg/L	100	12/29/2006 11:10:00 PM
Chromium	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Iron	0.574		0.200	mg/L	1	12/29/2006 8:40:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Magnesium	162		20.0	mg/L	100	12/29/2006 11:10:00 PM
Manganese	1.36		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Molybdenum	0.0181		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Nickel	0.00617		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Potassium	3.90		0.200	mg/L	1	12/29/2006 8:40:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Sodium	818		20.0	mg/L	100	12/29/2006 11:10:00 PM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
Zinc	ND		0.00500	mg/L	1	12/29/2006 8:40:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260	µg/L	1	Analyst: PC 12/22/2006 2:38:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-3

Work Order: 0612318

Collection Date: 12/14/2006 10:30:00 AM

Project: Artesia

Lab ID: 0612318-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 2:38:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 2:38:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 2:38:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 2:38:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 2:38:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 2:38:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 2:38:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 2:38:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 2:38:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 2:38:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	12/22/2006 2:38:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-03

Client Sample ID: MW-3
Collection Date: 12/14/2006 10:30:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	95.3		72.4-125	%REC	1	12/22/2006 2:38:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/22/2006 2:38:00 PM
Surr: Toluene-d8	82.5		75-125	%REC	1	12/22/2006 2:38:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	1,090		50.0	mg/L	100	12/24/2006 8:05:00 AM
Fluoride	2.01		0.100	mg/L	1	12/24/2006 7:44:00 AM
Sulfate	2,350		100	mg/L	100	12/24/2006 8:05:00 AM
Nitrate/Nitrite (as N)	0.866		0.500	mg/L	5	12/26/2006 9:26:00 AM
Surr: Selenate (surr)	93.6		80-120	%REC	5	12/26/2006 9:26:00 AM
Surr: Selenate (surr)	92.9		80-120	%REC	100	12/24/2006 8:05:00 AM
Surr: Selenate (surr)	86.0		80-120	%REC	1	12/24/2006 7:44:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	250		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	250		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.04	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,290		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-04

Client Sample ID: MW-6A
Collection Date: 12/14/2006 10:46:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.9		0.25	mg/L	5	12/21/2006 11:31:00 PM
Surr: 2-Fluorobiphenyl	92.7		70-130	%REC	5	12/21/2006 11:31:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.393		0.0500	mg/L	1	12/27/2006 2:14:00 PM
Surr: 4-Bromofluorobenzene	111		70-130	%REC	1	12/27/2006 2:14:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 2:57:33 PM
ICP METALS, TOTAL						
Aluminum	0.144		0.0100	mg/L	1	12/29/2006 8:46:00 PM
Arsenic	0.0309		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Barium	0.0140		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 8:46:00 PM
Boron	0.354		0.0200	mg/L	1	12/29/2006 8:46:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 8:46:00 PM
Calcium	360		50.0	mg/L	100	12/29/2006 11:16:00 PM
Chromium	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Iron	0.675		0.200	mg/L	1	12/29/2006 8:46:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Magnesium	122		20.0	mg/L	100	12/29/2006 11:16:00 PM
Manganese	0.328		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Nickel	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Potassium	1.26		0.200	mg/L	1	12/29/2006 8:46:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Sodium	767		20.0	mg/L	100	12/29/2006 11:16:00 PM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
Zinc	ND		0.00500	mg/L	1	12/29/2006 8:46:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-6A

Work Order: 0612318

Collection Date: 12/14/2006 10:46:00 AM

Project: Artesia

Lab ID: 0612318-04

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 3:03:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 3:03:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 3:03:00 PM
Acetone	24		10	µg/L	1	12/22/2006 3:03:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 3:03:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Ethylbenzene	6.6		5.0	µg/L	1	12/22/2006 3:03:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 3:03:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 3:03:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
o-Xylene	22		5.0	µg/L	1	12/22/2006 3:03:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Toluene	5.3		5.0	µg/L	1	12/22/2006 3:03:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 3:03:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 3:03:00 PM
Xylenes, Total	26		15	µg/L	1	12/22/2006 3:03:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/22/2006 3:03:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-04

Client Sample ID: MW-6A
Collection Date: 12/14/2006 10:46:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	94.3		72.4-125	%REC	1	12/22/2006 3:03:00 PM
Surr: Dibromofluoromethane	103		71.2-125	%REC	1	12/22/2006 3:03:00 PM
Surr: Toluene-d8	82.2		75-125	%REC	1	12/22/2006 3:03:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	1,080		25.0	mg/L	50	12/24/2006 9:55:00 AM
Fluoride	1.17		0.100	mg/L	1	12/24/2006 9:33:00 AM
Sulfate	1,610		50.0	mg/L	50	12/24/2006 9:55:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 9:48:00 AM
Surr: Selenate (surr)	95.3		80-120	%REC	5	12/26/2006 9:48:00 AM
Surr: Selenate (surr)	91.7		80-120	%REC	50	12/24/2006 9:55:00 AM
Surr: Selenate (surr)	89.0		80-120	%REC	1	12/24/2006 9:33:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	125		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	125		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.42	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	4,210		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-05

Client Sample ID: MW-2A
Collection Date: 12/14/2006 11:15:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.20		SW8015M	0.050	mg/L	Prep Date: 12/17/2006 Analyst: ACN
Surr: 2-Fluorobiphenyl	71.2		70-130	%REC	1	12/20/2006 3:38:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.0564		SW8015	0.0500	mg/L	Analyst: RKG
Surr: 4-Bromofluorobenzene	110		70-130	%REC	1	12/27/2006 2:37:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200	mg/L	Prep Date: 12/26/2006 Analyst: JCJ
ICP METALS, TOTAL						
Aluminum	ND		SW6020	0.0100	mg/L	Prep Date: 12/21/2006 Analyst: SA
Arsenic	0.0531		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Barium	0.0172		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 8:58:00 PM
Boron	0.502		0.0200	mg/L	1	12/29/2006 8:58:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 8:58:00 PM
Calcium	603		50.0	mg/L	100	12/29/2006 11:22:00 PM
Chromium	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Iron	8.23		0.200	mg/L	1	12/29/2006 8:58:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Magnesium	561		20.0	mg/L	100	12/29/2006 11:22:00 PM
Manganese	2.87		0.500	mg/L	100	12/29/2006 11:22:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Nickel	0.00983		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Potassium	6.21		0.200	mg/L	1	12/29/2006 8:58:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Sodium	3,850		20.0	mg/L	100	12/29/2006 11:22:00 PM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 8:58:00 PM
Zinc	0.00765		0.00500	mg/L	1	12/29/2006 8:58:00 PM
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	1	12/22/2006 3:28:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-2A

Work Order: 0612318

Collection Date: 12/14/2006 11:15:00 AM

Project: Artesia

Lab ID: 0612318-05

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 3:28:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 3:28:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 3:28:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 3:28:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 3:28:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 3:28:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 3:28:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 3:28:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 3:28:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 3:28:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/22/2006 3:28:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-05

Client Sample ID: MW-2A
Collection Date: 12/14/2006 11:15:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	99.1		72.4-125	%REC	1	12/22/2006 3:28:00 PM
Surr: Dibromofluoromethane	99.5		71.2-125	%REC	1	12/22/2006 3:28:00 PM
Surr: Toluene-d8	83.0		75-125	%REC	1	12/22/2006 3:28:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	6,770		100	mg/L	200	12/24/2006 11:01:00 AM
Fluoride	4.88		0.200	mg/L	2	12/25/2006 12:53:00 AM
Sulfate	4,020		200	mg/L	200	12/24/2006 11:01:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 12:44:00 PM
Surr: Selenate (surr)	94.8		80-120	%REC	5	12/26/2006 12:44:00 PM
Surr: Selenate (surr)	90.1		80-120	%REC	2	12/25/2006 12:53:00 AM
Surr: Selenate (surr)	92.3		80-120	%REC	200	12/24/2006 11:01:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	469		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	469		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.92	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	16,700		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia
 Lab ID: 0612318-06

Client Sample ID: MW-4A
 Collection Date: 12/14/2006 11:50:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 12/17/2006 Analyst: ACN
TPH (Diesel Range)	0.93		0.050	mg/L	1	12/20/2006 4:18:00 PM
Surr: 2-Fluorobiphenyl	74.9		70-130	%REC	1	12/20/2006 4:18:00 PM
GASOLINE RANGE ORGANICS			SW8015			Analyst: RKG
Gasoline Range Organics	0.269		0.0500	mg/L	1	12/27/2006 3:09:00 PM
Surr: 4-Bromofluorobenzene	115		70-130	%REC	1	12/27/2006 3:09:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 12/26/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:05:42 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/21/2006 Analyst: SA
Aluminum	0.0180		0.0100	mg/L	1	12/29/2006 9:04:00 PM
Arsenic	0.0737		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Barium	0.0134		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 9:04:00 PM
Boron	0.402		0.0200	mg/L	1	12/29/2006 9:04:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 9:04:00 PM
Calcium	319		50.0	mg/L	100	12/30/2006 1:10:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Iron	1.64		0.200	mg/L	1	12/29/2006 9:04:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Magnesium	117		0.200	mg/L	1	12/29/2006 9:04:00 PM
Manganese	1.50		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Nickel	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Potassium	4.23		0.200	mg/L	1	12/29/2006 9:04:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Sodium	705		20.0	mg/L	100	12/30/2006 1:10:00 AM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 9:04:00 PM
Zinc	0.00507		0.00500	mg/L	1	12/29/2006 9:04:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-06

Client Sample ID: MW-4A
Collection Date: 12/14/2006 11:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 3:53:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 3:53:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 3:53:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 3:53:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 3:53:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Ethylbenzene	5.0		5.0	µg/L	1	12/22/2006 3:53:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
m,p-Xylene	24		10	µg/L	1	12/22/2006 3:53:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 3:53:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
o-Xylene	9.1		5.0	µg/L	1	12/22/2006 3:53:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 3:53:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 3:53:00 PM
Xylenes, Total	34		15	µg/L	1	12/22/2006 3:53:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/22/2006 3:53:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-06

Client Sample ID: MW-4A
Collection Date: 12/14/2006 11:50:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	97.5		72.4-125	%REC	1	12/22/2006 3:53:00 PM
Surr: Dibromofluoromethane	106		71.2-125	%REC	1	12/22/2006 3:53:00 PM
Surr: Toluene-d8	85.2		75-125	%REC	1	12/22/2006 3:53:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	1,080		50.0	mg/L	100	12/24/2006 11:45:00 AM
Fluoride	1.82		0.100	mg/L	1	12/24/2006 11:23:00 AM
Sulfate	1,430		100	mg/L	100	12/24/2006 11:45:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 1:06:00 PM
Surr: Selenate (surr)	101		80-120	%REC	5	12/26/2006 1:06:00 PM
Surr: Selenate (surr)	93.5		80-120	%REC	100	12/24/2006 11:45:00 AM
Surr: Selenate (surr)	90.2		80-120	%REC	1	12/24/2006 11:23:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	198		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	198		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.26	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	4,020		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia
 Lab ID: 0612318-07

Client Sample ID: MW-5A
 Collection Date: 12/14/2006 12:20:00 PM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 12/17/2006 Analyst: ACN
TPH (Diesel Range)	2.0		0.050	mg/L	1	12/20/2006 4:57:00 PM
Surr: 2-Fluorobiphenyl	104		70-130	%REC	1	12/20/2006 4:57:00 PM
GASOLINE RANGE ORGANICS			SW8015			Analyst: RKG
Gasoline Range Organics	4.39		0.0500	mg/L	1	12/27/2006 3:54:00 PM
Surr: 4-Bromofluorobenzene	139	S	70-130	%REC	1	12/27/2006 3:54:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 12/26/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:07:44 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/21/2006 Analyst: SA
Aluminum	0.156		0.0100	mg/L	1	12/29/2006 9:10:00 PM
Arsenic	0.198		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Barium	0.0138		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 9:10:00 PM
Boron	1.36		0.0200	mg/L	1	12/29/2006 9:10:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 9:10:00 PM
Calcium	513		50.0	mg/L	100	12/30/2006 1:34:00 AM
Chromium	0.0693		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Iron	7.53		0.200	mg/L	1	12/29/2006 9:10:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Magnesium	795		20.0	mg/L	100	12/30/2006 1:34:00 AM
Manganese	1.49		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Molybdenum	0.0327		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Nickel	0.0310		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Potassium	6.20		0.200	mg/L	1	12/29/2006 9:10:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Sodium	3,810		20.0	mg/L	100	12/30/2006 1:34:00 AM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 9:10:00 PM
Zinc	0.0122		0.00500	mg/L	1	12/29/2006 9:10:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-07

Client Sample ID: MW-5A
Collection Date: 12/14/2006 12:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
2-Butanone	12		10	µg/L	1	12/22/2006 5:34:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 5:34:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 5:34:00 PM
Acetone	39		10	µg/L	1	12/22/2006 5:34:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 5:34:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 5:34:00 PM
Methyl tert-butyl ether	7.6		5.0	µg/L	1	12/22/2006 5:34:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 5:34:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 5:34:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 5:34:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 5:34:00 PM
<i>Surr: 1,2-Dichloroethane-d4</i>	<i>108</i>		<i>70-125</i>	<i>%REC</i>	1	12/22/2006 5:34:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-07

Client Sample ID: MW-5A
Collection Date: 12/14/2006 12:20:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	98.3		72.4-125	%REC	1	12/22/2006 5:34:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/22/2006 5:34:00 PM
Surr: Toluene-d8	79.7		75-125	%REC	1	12/22/2006 5:34:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	4,200		100	mg/L	200	12/24/2006 12:50:00 PM
Fluoride	2.15		0.200	mg/L	2	12/25/2006 1:15:00 AM
Sulfate	7,200		200	mg/L	200	12/24/2006 12:50:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 1:27:00 PM
Surr: Selenate (surr)	92.9		80-120	%REC	5	12/26/2006 1:27:00 PM
Surr: Selenate (surr)	82.1		80-120	%REC	2	12/25/2006 1:15:00 AM
Surr: Selenate (surr)	93.1		80-120	%REC	200	12/24/2006 12:50:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	428		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	428		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.06	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	17,300		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-08

Client Sample ID: OCD-8A
Collection Date: 12/14/2006 12:45:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.0		SW8015M 0.050	mg/L	1	Prep Date: 12/17/2006 Analyst: ACN 12/20/2006 5:36:00 PM
Surr: 2-Fluorobiphenyl	89.4		70-130	%REC	1	12/20/2006 5:36:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.743		SW8015 0.0500	mg/L	1	Analyst: RKG 12/27/2006 6:12:00 PM
Surr: 4-Bromofluorobenzene	120		70-130	%REC	1	12/27/2006 6:12:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 3:09:47 PM
ICP METALS, TOTAL						
Aluminum	0.687		SW6020 0.0100	mg/L	1	Prep Date: 12/21/2006 Analyst: SA 12/29/2006 9:16:00 PM
Arsenic	0.104		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Barium	0.0203		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 9:16:00 PM
Boron	0.726		0.0200	mg/L	1	12/29/2006 9:16:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 9:16:00 PM
Calcium	585		50.0	mg/L	100	12/30/2006 1:40:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Iron	3.65		0.200	mg/L	1	12/29/2006 9:16:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Magnesium	262		20.0	mg/L	100	12/30/2006 1:40:00 AM
Manganese	3.24		0.500	mg/L	100	12/30/2006 1:40:00 AM
Molybdenum	0.00685		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Nickel	0.0254		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Potassium	8.32		0.200	mg/L	1	12/29/2006 9:16:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Sodium	2,040		20.0	mg/L	100	12/30/2006 1:40:00 AM
Vanadium	0.00537		0.00500	mg/L	1	12/29/2006 9:16:00 PM
Zinc	0.00902		0.00500	mg/L	1	12/29/2006 9:16:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/21/2006 3:29:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: OCD-8A

Work Order: 0612318

Collection Date: 12/14/2006 12:45:00 PM

Project: Artesia

Lab ID: 0612318-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 3:29:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 3:29:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 3:29:00 PM
Acetone	19		10	µg/L	1	12/21/2006 3:29:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 3:29:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 3:29:00 PM
Methyl tert-butyl ether	11		5.0	µg/L	1	12/21/2006 3:29:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 3:29:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 3:29:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 3:29:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 3:29:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/21/2006 3:29:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-08

Client Sample ID: OCD-8A
Collection Date: 12/14/2006 12:45:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	92.0		72.4-125	%REC	1	12/21/2006 3:29:00 PM
Surr: Dibromofluoromethane	106		71.2-125	%REC	1	12/21/2006 3:29:00 PM
Surr: Toluene-d8	81.7		75-125	%REC	1	12/21/2006 3:29:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	2,540		50.0	mg/L	100	12/24/2006 2:40:00 PM
Fluoride	1.76		0.100	mg/L	1	12/24/2006 2:18:00 PM
Sulfate	3,520		100	mg/L	100	12/24/2006 2:40:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 1:49:00 PM
Surr: Selenate (surr)	98.9		80-120	%REC	5	12/26/2006 1:49:00 PM
Surr: Selenate (surr)	93.0		80-120	%REC	100	12/24/2006 2:40:00 PM
Surr: Selenate (surr)	80.7		80-120	%REC	1	12/24/2006 2:18:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	344		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	344		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.14	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	9,320		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia
 Lab ID: 0612318-09

Client Sample ID: MW-7A
 Collection Date: 12/14/2006 1:50:00 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	1	Prep Date: 12/17/2006 Analyst: ACN 12/28/2006 1:21:00 PM
Surr: 2-Fluorobiphenyl	85.6		70-130	%REC	1	12/28/2006 1:21:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.524		SW8015 0.0500	mg/L	1	Analyst: RKG 12/27/2006 6:35:00 PM
Surr: 4-Bromofluorobenzene	122		70-130	%REC	1	12/27/2006 6:35:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 3:11:48 PM
ICP METALS, TOTAL						
Aluminum	0.0564		SW6020 0.0100	mg/L	1	Prep Date: 12/21/2006 Analyst: SA 12/29/2006 9:40:00 PM
Arsenic	0.0473		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Barium	0.0148		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 9:40:00 PM
Boron	0.778		0.0200	mg/L	1	12/29/2006 9:40:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 9:40:00 PM
Calcium	361		50.0	mg/L	100	12/30/2006 1:46:00 AM
Chromium	0.0446		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Iron	5.49		0.200	mg/L	1	12/29/2006 9:40:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Magnesium	240		20.0	mg/L	100	12/30/2006 1:46:00 AM
Manganese	0.410		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Molybdenum	0.0134		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Nickel	0.0314		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Potassium	4.22		0.200	mg/L	1	12/29/2006 9:40:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Sodium	1,520		20.0	mg/L	100	12/30/2006 1:46:00 AM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 9:40:00 PM
Zinc	0.00652		0.00500	mg/L	1	12/29/2006 9:40:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/22/2006 5:59:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-7A

Work Order: 0612318

Collection Date: 12/14/2006 1:50:00 PM

Project: Artesia

Lab ID: 0612318-09

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 5:59:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 5:59:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 5:59:00 PM
Acetone	18		10	µg/L	1	12/22/2006 5:59:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 5:59:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 5:59:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 5:59:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 5:59:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 5:59:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 5:59:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/22/2006 5:59:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-09

Client Sample ID: MW-7A
Collection Date: 12/14/2006 1:50:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	93.8		72.4-125	%REC	1	12/22/2006 5:59:00 PM
Surr: Dibromofluoromethane	106		71.2-125	%REC	1	12/22/2006 5:59:00 PM
Surr: Toluene-d8	82.7		75-125	%REC	1	12/22/2006 5:59:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	2,010		50.0	mg/L	100	12/24/2006 3:24:00 PM
Fluoride	0.901		0.100	mg/L	1	12/24/2006 3:02:00 PM
Sulfate	2,640		100	mg/L	100	12/24/2006 3:24:00 PM
Nitrate/Nitrite (as N)	1.19		0.500	mg/L	5	12/26/2006 2:11:00 PM
Surr: Selenate (surr)	104		80-120	%REC	5	12/26/2006 2:11:00 PM
Surr: Selenate (surr)	93.0		80-120	%REC	100	12/24/2006 3:24:00 PM
Surr: Selenate (surr)	80.8		80-120	%REC	1	12/24/2006 3:02:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	250		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	250		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.14	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	7,290		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-10

Client Sample ID: MW-18A
Collection Date: 12/14/2006 2:30:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M		Prep Date: 12/17/2006	Analyst: ACN
TPH (Diesel Range)	0.19		0.050	mg/L	1	12/20/2006 9:31:00 PM
Surr: 2-Fluorobiphenyl	72.6		70-130	%REC	1	12/20/2006 9:31:00 PM
GASOLINE RANGE ORGANICS			SW8015			Analyst: RKG
Gasoline Range Organics	ND		0.0500	mg/L	1	12/27/2006 6:58:00 PM
Surr: 4-Bromofluorobenzene	110		70-130	%REC	1	12/27/2006 6:58:00 PM
MERCURY, TOTAL			SW7470		Prep Date: 12/26/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:13:48 PM
ICP METALS, TOTAL			SW6020		Prep Date: 12/21/2006	Analyst: SA
Aluminum	0.0731		0.0200	mg/L	2	12/29/2006 9:46:00 PM
Arsenic	0.0298		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Barium	0.0176		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Beryllium	ND		0.00400	mg/L	2	12/29/2006 9:46:00 PM
Boron	2.09		0.0400	mg/L	2	12/29/2006 9:46:00 PM
Cadmium	ND		0.00400	mg/L	2	12/29/2006 9:46:00 PM
Calcium	617		50.0	mg/L	100	12/30/2006 1:53:00 AM
Chromium	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Cobalt	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Copper	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Iron	ND		0.400	mg/L	2	12/29/2006 9:46:00 PM
Lead	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Magnesium	1,080		20.0	mg/L	100	12/30/2006 1:53:00 AM
Manganese	0.0797		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Molybdenum	0.0197		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Nickel	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Potassium	50.5		0.400	mg/L	2	12/29/2006 9:46:00 PM
Selenium	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Silver	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Sodium	4,620		20.0	mg/L	100	12/30/2006 1:53:00 AM
Vanadium	ND		0.0100	mg/L	2	12/29/2006 9:46:00 PM
Zinc	0.0125		0.0100	mg/L	2	12/29/2006 9:46:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-10

Client Sample ID: MW-18A
Collection Date: 12/14/2006 2:30:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 6:24:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 6:24:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 6:24:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 6:24:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 6:24:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 6:24:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 6:24:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 6:24:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 6:24:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 6:24:00 PM
Surr: 1,2-Dichloroethane-d4	115		70-125	%REC	1	12/22/2006 6:24:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-10

Client Sample ID: MW-18A
Collection Date: 12/14/2006 2:30:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	87.9		72.4-125	%REC	1	12/22/2006 6:24:00 PM
Surr: Dibromofluoromethane	110		71.2-125	%REC	1	12/22/2006 6:24:00 PM
Surr: Toluene-d8	86.1		75-125	%REC	1	12/22/2006 6:24:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	8,700		100	mg/L	200	12/24/2006 4:07:00 PM
Fluoride	2.93		0.200	mg/L	2	12/25/2006 1:37:00 AM
Sulfate	6,580		200	mg/L	200	12/24/2006 4:07:00 PM
Nitrate/Nitrite (as N)	0.992		0.500	mg/L	5	12/26/2006 2:33:00 PM
Surr: Selenate (surr)	95.6		80-120	%REC	5	12/26/2006 2:33:00 PM
Surr: Selenate (surr)	82.2		80-120	%REC	2	12/25/2006 1:37:00 AM
Surr: Selenate (surr)	96.8		80-120	%REC	200	12/24/2006 4:07:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	313		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	313		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.17	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	22,900		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-11

Client Sample ID: MW-70
Collection Date: 12/14/2006 3:08:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.17		SW8015M 0.050	mg/L	1	Prep Date: 12/17/2006 Analyst: ACN 12/20/2006 10:10:00 PM
Surr: 2-Fluorobiphenyl	73.1		70-130 %REC	%REC	1	12/20/2006 10:10:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.653		SW8015 0.0500	mg/L	1	Analyst: RKG 12/27/2006 7:21:00 PM
Surr: 4-Bromofluorobenzene	109		70-130 %REC	%REC	1	12/27/2006 7:21:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 3:15:51 PM
ICP METALS, TOTAL						
Aluminum	ND		SW6020 0.0100	mg/L	1	Prep Date: 12/21/2006 Analyst: SA 12/29/2006 9:52:00 PM
Arsenic	0.0258		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Barium	0.0170		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 9:52:00 PM
Boron	0.206		0.0200	mg/L	1	12/29/2006 9:52:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 9:52:00 PM
Calcium	702		50.0	mg/L	100	12/30/2006 2:05:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Iron	3.38		0.200	mg/L	1	12/29/2006 9:52:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Magnesium	199		20.0	mg/L	100	12/30/2006 2:05:00 AM
Manganese	0.255		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Nickel	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Potassium	5.51		0.200	mg/L	1	12/29/2006 9:52:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Sodium	701		20.0	mg/L	100	12/30/2006 2:05:00 AM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 9:52:00 PM
Zinc	0.00549		0.00500	mg/L	1	12/29/2006 9:52:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/22/2006 6:49:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-11

Client Sample ID: MW-70
Collection Date: 12/14/2006 3:08:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 6:49:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 6:49:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 6:49:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 6:49:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 6:49:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 6:49:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 6:49:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 6:49:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 6:49:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 6:49:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	12/22/2006 6:49:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-11

Client Sample ID: MW-70
Collection Date: 12/14/2006 3:08:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	96.5		72.4-125	%REC	1	12/22/2006 6:49:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/22/2006 6:49:00 PM
Surr: Toluene-d8	90.1		75-125	%REC	1	12/22/2006 6:49:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	1,280		25.0	mg/L	50	12/24/2006 4:51:00 PM
Fluoride	0.652		0.100	mg/L	1	12/24/2006 4:29:00 PM
Sulfate	2,210		50.0	mg/L	50	12/24/2006 4:51:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 2:55:00 PM
Surr: Selenate (surr)	106		80-120	%REC	5	12/26/2006 2:55:00 PM
Surr: Selenate (surr)	94.2		80-120	%REC	50	12/24/2006 4:51:00 PM
Surr: Selenate (surr)	92.2		80-120	%REC	1	12/24/2006 4:29:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	209		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	209		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.13	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,570		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia
 Lab ID: 0612318-12

Client Sample ID: MW-10
 Collection Date: 12/14/2006 4:10:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.72		0.050	mg/L	1	12/20/2006 10:49:00 PM
Surr: 2-Fluorobiphenyl	72.1		70-130	%REC	1	12/20/2006 10:49:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	1.28		0.0500	mg/L	1	12/27/2006 7:44:00 PM
Surr: 4-Bromofluorobenzene	115		70-130	%REC	1	12/27/2006 7:44:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:17:51 PM
ICP METALS, TOTAL						
Aluminum	0.283		0.0100	mg/L	1	12/29/2006 10:04:00 PM
Arsenic	0.0285		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Barium	0.0123		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 10:04:00 PM
Boron	0.333		0.0200	mg/L	1	12/29/2006 10:04:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 10:04:00 PM
Calcium	465		50.0	mg/L	100	12/30/2006 2:11:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Iron	0.277		0.200	mg/L	1	12/29/2006 10:04:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Magnesium	109		0.200	mg/L	1	12/29/2006 10:04:00 PM
Manganese	1.43		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Molybdenum	0.0156		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Nickel	0.0136		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Potassium	3.33		0.200	mg/L	1	12/29/2006 10:04:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Sodium	917		20.0	mg/L	100	12/30/2006 2:11:00 AM
Vanadium	0.00614		0.00500	mg/L	1	12/29/2006 10:04:00 PM
Zinc	ND		0.00500	mg/L	1	12/29/2006 10:04:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-12

Client Sample ID: MW-10
Collection Date: 12/14/2006 4:10:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 7:14:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 7:14:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 7:14:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 7:14:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 7:14:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 7:14:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 7:14:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 7:14:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 7:14:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 7:14:00 PM
Surr: 1,2-Dichloroethane-d4	111		70-125	%REC	1	12/22/2006 7:14:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-12

Client Sample ID: MW-10
Collection Date: 12/14/2006 4:10:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	98.0		72.4-125	%REC	1	12/22/2006 7:14:00 PM
Surr: Dibromofluoromethane	110		71.2-125	%REC	1	12/22/2006 7:14:00 PM
Surr: Toluene-d8	83.1		75-125	%REC	1	12/22/2006 7:14:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	1,350		25.0	mg/L	50	12/24/2006 5:35:00 PM
Fluoride	0.718		0.100	mg/L	1	12/24/2006 5:13:00 PM
Sulfate	2,020		50.0	mg/L	50	12/24/2006 5:35:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 3:17:00 PM
Surr: Selenate (surr)	103		80-120	%REC	5	12/26/2006 3:17:00 PM
Surr: Selenate (surr)	95.1		80-120	%REC	50	12/24/2006 5:35:00 PM
Surr: Selenate (surr)	89.8		80-120	%REC	1	12/24/2006 5:13:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	240		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	240		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.27	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,260		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-13

Client Sample ID: MW-22A
Collection Date: 12/14/2006 4:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.5		SW8015M 0.050	mg/L	1	Prep Date: 12/17/2006 Analyst: ACN 12/22/2006 5:58:00 AM
Surr: 2-Fluorobiphenyl	75.6		70-130 %REC	%REC	1	12/22/2006 5:58:00 AM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	6.96		SW8015 0.0500	mg/L	1	Analyst: RKG 12/27/2006 8:07:00 PM
Surr: 4-Bromofluorobenzene	111		70-130 %REC	%REC	1	12/27/2006 8:07:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 3:19:56 PM
ICP METALS, TOTAL						
Aluminum	0.0661		SW6020 0.0100	mg/L	1	Prep Date: 12/21/2006 Analyst: SA 12/29/2006 10:10:00 PM
Arsenic	0.0767		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Barium	0.0167		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 10:10:00 PM
Boron	0.559		0.0200	mg/L	1	12/29/2006 10:10:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 10:10:00 PM
Calcium	480		50.0	mg/L	100	12/30/2006 2:17:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Iron	6.04		0.200	mg/L	1	12/29/2006 10:10:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Magnesium	156		20.0	mg/L	100	12/30/2006 2:17:00 AM
Manganese	4.18		0.500	mg/L	100	12/30/2006 2:17:00 AM
Molybdenum	0.0143		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Nickel	0.0173		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Potassium	3.48		0.200	mg/L	1	12/29/2006 10:10:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Sodium	1,200		20.0	mg/L	100	12/30/2006 2:17:00 AM
Vanadium	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
Zinc	ND		0.00500	mg/L	1	12/29/2006 10:10:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/22/2006 7:39:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-22A

Work Order: 0612318

Collection Date: 12/14/2006 4:20:00 PM

Project: Artesia

Lab ID: 0612318-13

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 7:39:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 7:39:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 7:39:00 PM
Acetone	29		10	µg/L	1	12/22/2006 7:39:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 7:39:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 7:39:00 PM
Methyl tert-butyl ether	6.0		5.0	µg/L	1	12/22/2006 7:39:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 7:39:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 7:39:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 7:39:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	12/22/2006 7:39:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-13

Client Sample ID: MW-22A
Collection Date: 12/14/2006 4:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	111		72.4-125	%REC	1	12/22/2006 7:39:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/22/2006 7:39:00 PM
Surr: Toluene-d8	83.9		75-125	%REC	1	12/22/2006 7:39:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	1,730		25.0	mg/L	50	12/24/2006 7:25:00 PM
Fluoride	0.634		0.100	mg/L	1	12/24/2006 7:03:00 PM
Sulfate	2,010		50.0	mg/L	50	12/24/2006 7:25:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 5:29:00 PM
Surr: Selenate (surr)	105		80-120	%REC	5	12/26/2006 5:29:00 PM
Surr: Selenate (surr)	94.3		80-120	%REC	50	12/24/2006 7:25:00 PM
Surr: Selenate (surr)	87.7		80-120	%REC	1	12/24/2006 7:03:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	177		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	177		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.04	H	0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,840		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-14

Client Sample ID: KWB-12A
Collection Date: 12/15/2006 9:55:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/22/2006 6:36:00 AM
Surr: 2-Fluorobiphenyl	72.8		70-130	%REC	1	12/22/2006 6:36:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:21:58 PM
ICP METALS, TOTAL						
Aluminum	0.0958		0.0100	mg/L	1	12/29/2006 10:16:00 PM
Arsenic	0.00654		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Barium	0.00969		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 10:16:00 PM
Boron	0.410		0.0200	mg/L	1	12/29/2006 10:16:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 10:16:00 PM
Calcium	560		50.0	mg/L	100	12/30/2006 2:23:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Iron	ND		0.200	mg/L	1	12/29/2006 10:16:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Magnesium	243		20.0	mg/L	100	12/30/2006 2:23:00 AM
Manganese	0.00650		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Nickel	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Potassium	0.729		0.200	mg/L	1	12/29/2006 10:16:00 PM
Selenium	0.00738		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Sodium	183		20.0	mg/L	100	12/30/2006 2:23:00 AM
Vanadium	0.0114		0.00500	mg/L	1	12/29/2006 10:16:00 PM
Zinc	0.00628		0.00500	mg/L	1	12/29/2006 10:16:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-14

Client Sample ID: KWB-12A
Collection Date: 12/15/2006 9:55:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/22/2006 8:04:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 8:04:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 8:04:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 8:04:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 8:04:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 8:04:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 8:04:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 8:04:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 8:04:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 8:04:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/22/2006 8:04:00 PM
Surr: 4-Bromofluorobenzene	92.7		72.4-125	%REC	1	12/22/2006 8:04:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/22/2006 8:04:00 PM
Surr: Toluene-d8	84.5		75-125	%REC	1	12/22/2006 8:04:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-14

Client Sample ID: KWB-12A
Collection Date: 12/15/2006 9:55:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	108		2.50	mg/L	5	12/24/2006 8:08:00 PM
Fluoride	0.372		0.100	mg/L	1	12/24/2006 7:47:00 PM
Sulfate	2,410		100	mg/L	100	12/24/2006 8:30:00 PM
Nitrate/Nitrite (as N)	3.91		0.500	mg/L	5	12/26/2006 5:50:00 PM
Surr: Selenate (surr)	95.7		80-120	%REC	100	12/24/2006 8:30:00 PM
Surr: Selenate (surr)	92.6		80-120	%REC	1	12/24/2006 7:47:00 PM
Surr: Selenate (surr)	105		80-120	%REC	5	12/26/2006 5:50:00 PM
Surr: Selenate (surr)	94.0		80-120	%REC	5	12/24/2006 8:08:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	297		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	297		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.82		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,920		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-15

Client Sample ID: Laure Well
Collection Date: 12/15/2006 9:40:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MERCURY, TOTAL			SW7470			Prep Date: 12/26/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:45:15 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/21/2006 Analyst: SA
Aluminum	ND		0.0100	mg/L	1	12/29/2006 10:22:00 PM
Arsenic	0.00628		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Barium	0.00675		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 10:22:00 PM
Boron	0.198		0.0200	mg/L	1	12/29/2006 10:22:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 10:22:00 PM
Calcium	486		50.0	mg/L	100	12/30/2006 2:53:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Copper	0.00530		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Iron	0.442		0.200	mg/L	1	12/29/2006 10:22:00 PM
Lead	ND		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Magnesium	156		20.0	mg/L	100	12/30/2006 2:53:00 AM
Manganese	0.0246		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Nickel	ND		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Potassium	2.72		0.200	mg/L	1	12/29/2006 10:22:00 PM
Selenium	0.0110		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Sodium	160		20.0	mg/L	100	12/30/2006 2:53:00 AM
Vanadium	0.00687		0.00500	mg/L	1	12/29/2006 10:22:00 PM
Zinc	0.0283		0.00500	mg/L	1	12/29/2006 10:22:00 PM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 8:29:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 8:29:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Laure Well

Work Order: 0612318

Collection Date: 12/15/2006 9:40:00 AM

Project: Artesia

Lab ID: 0612318-15

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 8:29:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 8:29:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 8:29:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 8:29:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 8:29:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 8:29:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 8:29:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 8:29:00 PM
Surr: 1,2-Dichloroethane-d4	114		70-125	%REC	1	12/22/2006 8:29:00 PM
Surr: 4-Bromofluorobenzene	83.1		72.4-125	%REC	1	12/22/2006 8:29:00 PM
Surr: Dibromofluoromethane	110		71.2-125	%REC	1	12/22/2006 8:29:00 PM
Surr: Toluene-d8	87.2		75-125	%REC	1	12/22/2006 8:29:00 PM

ANIONS BY ION CHROMATOGRAPHY**E300**

Analyst: LMD

Chloride	244	2.50	mg/L	5	12/24/2006 9:14:00 PM
Fluoride	0.256	0.100	mg/L	1	12/24/2006 8:52:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-15

Client Sample ID: Laure Well
Collection Date: 12/15/2006 9:40:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Sulfate	1,600		50.0	mg/L	50	12/24/2006 9:36:00 PM
Nitrate/Nitrite (as N)	4.91		0.500	mg/L	5	12/26/2006 6:12:00 PM
Surr: Selenate (surr)	106		80-120	%REC	5	12/26/2006 6:12:00 PM
Surr: Selenate (surr)	93.3		80-120	%REC	1	12/24/2006 8:52:00 PM
Surr: Selenate (surr)	94.5		80-120	%REC	5	12/24/2006 9:14:00 PM
Surr: Selenate (surr)	95.5		80-120	%REC	50	12/24/2006 9:36:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	229		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	229		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.91		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,150		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-16

Client Sample ID: KWB-9
Collection Date: 12/15/2006 10:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.056		SW8015M		Prep Date: 12/17/2006	Analyst: ACN
			0.050	mg/L	1	12/28/2006 2:00:00 PM
<i>Surr: 2-Fluorobiphenyl</i>	<i>81.9</i>		<i>70-130</i>	<i>%REC</i>	1	12/28/2006 2:00:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470		Prep Date: 12/26/2006	Analyst: JCJ
			0.000200	mg/L	1	12/27/2006 3:48:40 PM
ICP METALS, TOTAL						
Aluminum	0.0168		SW6020		Prep Date: 12/21/2006	Analyst: SA
			0.0100	mg/L	1	12/29/2006 10:46:00 PM
Arsenic	0.00675		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Barium	0.0110		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Beryllium	ND		0.00200	mg/L	1	12/29/2006 10:46:00 PM
Boron	0.432		0.0200	mg/L	1	12/29/2006 10:46:00 PM
Cadmium	ND		0.00200	mg/L	1	12/29/2006 10:46:00 PM
Calcium	395		50.0	mg/L	100	12/30/2006 2:59:00 AM
Chromium	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Cobalt	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Copper	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Iron	ND		0.200	mg/L	1	12/29/2006 10:46:00 PM
Lead	ND		0.00500	mg/L	1	1/2/2007 2:52:00 PM
Magnesium	174		20.0	mg/L	100	12/30/2006 2:59:00 AM
Manganese	0.0205		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Nickel	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Potassium	0.788		0.200	mg/L	1	12/29/2006 10:46:00 PM
Selenium	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Silver	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Sodium	141		20.0	mg/L	100	12/30/2006 2:59:00 AM
Vanadium	0.00915		0.00500	mg/L	1	12/29/2006 10:46:00 PM
Zinc	ND		0.00500	mg/L	1	12/29/2006 10:46:00 PM
VOLATILES BY GC/MS						
			SW8260		Analyst: PC	
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: KWB-9

Work Order: 0612318

Collection Date: 12/15/2006 10:20:00 AM

Project: Artesia

Lab ID: 0612318-16

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/22/2006 8:54:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 8:54:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 8:54:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 8:54:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 8:54:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 8:54:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 8:54:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 8:54:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 8:54:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 8:54:00 PM
Surr: 1,2-Dichloroethane-d4	112		70-125	%REC	1	12/22/2006 8:54:00 PM
Surr: 4-Bromofluorobenzene	89.9		72.4-125	%REC	1	12/22/2006 8:54:00 PM
Surr: Dibromofluoromethane	110		71.2-125	%REC	1	12/22/2006 8:54:00 PM
Surr: Toluene-d8	87.9		75-125	%REC	1	12/22/2006 8:54:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-16

Client Sample ID: KWB-9
Collection Date: 12/15/2006 10:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	196		2.50	mg/L	5	12/25/2006 4:32:00 AM
Fluoride	0.371		0.100	mg/L	1	12/25/2006 4:11:00 AM
Sulfate	1,460		50.0	mg/L	50	12/25/2006 3:55:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/26/2006 6:34:00 PM
Surr: Selenate (surr)	95.0		80-120	%REC	5	12/25/2006 4:32:00 AM
Surr: Selenate (surr)	98.3		80-120	%REC	50	12/25/2006 3:55:00 PM
Surr: Selenate (surr)	108		80-120	%REC	5	12/26/2006 6:34:00 PM
Surr: Selenate (surr)	94.6		80-120	%REC	1	12/25/2006 4:11:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	435		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	435		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.70		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,750		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-17

Client Sample ID: MW-27
Collection Date: 12/15/2006 10:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.085		SW8015M 0.050	mg/L	1	Prep Date: 12/17/2006 Analyst: ACN 12/2007 11:19:00 AM
Surr: 2-Fluorobiphenyl	113		70-130 %REC	%REC	1	12/2007 11:19:00 AM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 3:52:54 PM
ICP METALS, TOTAL						
Aluminum	0.0224		SW6020 0.0100	mg/L	1	Prep Date: 12/22/2006 Analyst: ALR 12/30/2006 12:12:00 AM
Arsenic	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Barium	0.0167		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 12:12:00 AM
Boron	0.240		0.0200	mg/L	1	12/30/2006 12:12:00 AM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 12:12:00 AM
Calcium	495		50.0	mg/L	100	12/29/2006 7:32:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Cobalt	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Iron	ND		0.200	mg/L	1	12/30/2006 12:12:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Magnesium	96.9		0.200	mg/L	1	12/30/2006 12:12:00 AM
Manganese	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Molybdenum	0.00979		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Nickel	0.00519		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Potassium	9.65		0.200	mg/L	1	12/30/2006 12:12:00 AM
Selenium	0.00651		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Sodium	178		20.0	mg/L	100	12/29/2006 7:32:00 PM
Vanadium	0.0115		0.00500	mg/L	1	12/30/2006 12:12:00 AM
Zinc	ND		0.00500	mg/L	1	12/30/2006 12:12:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/22/2006 9:20:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-27

Work Order: 0612318

Collection Date: 12/15/2006 10:50:00 AM

Project: Artesia

Lab ID: 0612318-17

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/22/2006 9:20:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 9:20:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 9:20:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 9:20:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 9:20:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 9:20:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 9:20:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 9:20:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 9:20:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 9:20:00 PM
Surr: 1,2-Dichloroethane-d4	113		70-125	%REC	1	12/22/2006 9:20:00 PM
Surr: 4-Bromofluorobenzene	89.1		72.4-125	%REC	1	12/22/2006 9:20:00 PM
Surr: Dibromofluoromethane	111		71.2-125	%REC	1	12/22/2006 9:20:00 PM
Surr: Toluene-d8	87.5		75-125	%REC	1	12/22/2006 9:20:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-17

Client Sample ID: MW-27
Collection Date: 12/15/2006 10:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	230		5.00	mg/L	10	12/25/2006 5:38:00 AM
Fluoride	1.16		0.100	mg/L	1	12/25/2006 5:16:00 AM
Sulfate	1,540		50.0	mg/L	50	12/25/2006 6:00:00 AM
Nitrate/Nitrite (as N)	0.865		0.500	mg/L	5	12/27/2006 3:12:00 PM
Surr: Selenate (surr)	95.7		80-120	%REC	50	12/25/2006 6:00:00 AM
Surr: Selenate (surr)	93.6		80-120	%REC	1	12/25/2006 5:16:00 AM
Surr: Selenate (surr)	103		80-120	%REC	5	12/27/2006 3:12:00 PM
Surr: Selenate (surr)	95.1		80-120	%REC	10	12/25/2006 5:38:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	198		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	198		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.98		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,890		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NP-5

Work Order: 0612318

Collection Date: 12/15/2006 11:20:00 AM

Project: Artesia

Lab ID: 0612318-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/28/2006 3:19:00 PM
Surr: 2-Fluorobiphenyl	86.3		70-130	%REC	1	12/28/2006 3:19:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:55:02 PM
ICP METALS, TOTAL						
Aluminum	0.489		0.0100	mg/L	1	12/30/2006 12:18:00 AM
Arsenic	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Barium	0.0114		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 12:18:00 AM
Boron	1.53		0.0200	mg/L	1	12/30/2006 12:18:00 AM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 12:18:00 AM
Calcium	531		50.0	mg/L	100	12/29/2006 7:38:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Cobalt	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Iron	0.375		0.200	mg/L	1	12/30/2006 12:18:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Magnesium	574		20.0	mg/L	100	12/29/2006 7:38:00 PM
Manganese	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Molybdenum	0.0347		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Nickel	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Potassium	0.569		0.200	mg/L	1	12/30/2006 12:18:00 AM
Selenium	0.0720		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Sodium	546		20.0	mg/L	100	12/29/2006 7:38:00 PM
Vanadium	0.0200		0.00500	mg/L	1	12/30/2006 12:18:00 AM
Zinc	0.00802		0.00500	mg/L	1	12/30/2006 12:18:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NP-5

Work Order: 0612318

Collection Date: 12/15/2006 11:20:00 AM

Project: Artesia

Lab ID: 0612318-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/22/2006 9:45:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 9:45:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 9:45:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 9:45:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 9:45:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 9:45:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 9:45:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 9:45:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 9:45:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 9:45:00 PM
Surr: 1,2-Dichloroethane-d4	115		70-125	%REC	1	12/22/2006 9:45:00 PM
Surr: 4-Bromofluorobenzene	86.2		72.4-125	%REC	1	12/22/2006 9:45:00 PM
Surr: Dibromofluoromethane	110		71.2-125	%REC	1	12/22/2006 9:45:00 PM
Surr: Toluene-d8	87.3		75-125	%REC	1	12/22/2006 9:45:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-18

Client Sample ID: NP-5
Collection Date: 12/15/2006 11:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	181		5.00	mg/L	10	12/25/2006 6:44:00 AM
Fluoride	2.58		0.200	mg/L	2	12/25/2006 6:22:00 AM
Sulfate	4,270		100	mg/L	100	12/25/2006 7:06:00 AM
Nitrate/Nitrite (as N)	2.70		0.500	mg/L	5	12/27/2006 5:02:00 PM
Surr: Selenate (surr)	94.0		80-120	%REC	100	12/25/2006 7:06:00 AM
Surr: Selenate (surr)	91.6		80-120	%REC	2	12/25/2006 6:22:00 AM
Surr: Selenate (surr)	99.8		80-120	%REC	5	12/27/2006 5:02:00 PM
Surr: Selenate (surr)	93.4		80-120	%REC	10	12/25/2006 6:44:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	295		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	295		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.08		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	7,130		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-19

Client Sample ID: MW-68
Collection Date: 12/15/2006 11:40:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.065		0.050	mg/L	1	12/28/2006 3:59:00 PM
Surr: 2-Fluorobiphenyl	70.4		70-130	%REC	1	12/28/2006 3:59:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 3:57:09 PM
ICP METALS, TOTAL						
Aluminum	1.44		0.0100	mg/L	1	12/30/2006 12:24:00 AM
Arsenic	0.00647		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Barium	0.0239		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 12:24:00 AM
Boron	0.519		0.0200	mg/L	1	12/30/2006 12:24:00 AM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 12:24:00 AM
Calcium	494		25.0	mg/L	50	12/29/2006 7:44:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Cobalt	ND		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Iron	0.977		0.200	mg/L	1	12/30/2006 12:24:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Magnesium	186		10.0	mg/L	50	12/29/2006 7:44:00 PM
Manganese	0.0974		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Molybdenum	0.0106		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Nickel	0.00510		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Potassium	4.18		0.200	mg/L	1	12/30/2006 12:24:00 AM
Selenium	0.00995		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Sodium	213		10.0	mg/L	50	12/29/2006 7:44:00 PM
Vanadium	0.0247		0.00500	mg/L	1	12/30/2006 12:24:00 AM
Zinc	0.00922		0.00500	mg/L	1	12/30/2006 12:24:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-68

Work Order: 0612318

Collection Date: 12/15/2006 11:40:00 AM

Project: Artesia

Lab ID: 0612318-19

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/22/2006 10:10:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 10:10:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 10:10:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 10:10:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 10:10:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 10:10:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 10:10:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 10:10:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 10:10:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 10:10:00 PM
Surr: 1,2-Dichloroethane-d4	115		70-125	%REC	1	12/22/2006 10:10:00 PM
Surr: 4-Bromofluorobenzene	92.8		72.4-125	%REC	1	12/22/2006 10:10:00 PM
Surr: Dibromofluoromethane	110		71.2-125	%REC	1	12/22/2006 10:10:00 PM
Surr: Toluene-d8	88.9		75-125	%REC	1	12/22/2006 10:10:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-19

Client Sample ID: MW-68
Collection Date: 12/15/2006 11:40:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	206		5.00	mg/L	10	12/25/2006 8:55:00 AM
Fluoride	1.76		0.100	mg/L	1	12/25/2006 7:28:00 AM
Sulfate	1,290		50.0	mg/L	50	12/25/2006 9:17:00 AM
Nitrate/Nitrite (as N)	1.23		0.500	mg/L	5	12/27/2006 5:24:00 PM
Surr: Selenate (surr)	93.6		80-120	%REC	50	12/25/2006 9:17:00 AM
Surr: Selenate (surr)	92.2		80-120	%REC	1	12/25/2006 7:28:00 AM
Surr: Selenate (surr)	99.6		80-120	%REC	5	12/27/2006 5:24:00 PM
Surr: Selenate (surr)	93.6		80-120	%REC	10	12/25/2006 8:55:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	485		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	485		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.02		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,740		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-20

Client Sample ID: KWB-P2
Collection Date: 12/15/2006 12:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.086		SW8015M	0.050	mg/L	Prep Date: 12/17/2006 Analyst: ACN
<i>Surr: 2-Fluorobiphenyl</i>	90.2		70-130	%REC	1	12/28/2006 4:39:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470	0.000200	mg/L	Prep Date: 12/26/2006 Analyst: JCJ
					1	12/27/2006 3:59:30 PM
ICP METALS, TOTAL						
Aluminum	0.526		SW6020	0.0100	mg/L	Prep Date: 12/22/2006 Analyst: ALR
Arsenic	0.00514			0.00500	mg/L	12/30/2006 12:30:00 AM
Barium	0.0174			0.00500	mg/L	12/30/2006 12:30:00 AM
Beryllium	ND			0.00200	mg/L	12/30/2006 12:30:00 AM
Boron	0.342			0.0200	mg/L	12/30/2006 12:30:00 AM
Cadmium	ND			0.00200	mg/L	12/30/2006 12:30:00 AM
Calcium	612			50.0	mg/L	12/28/2006 7:39:00 PM
Chromium	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Cobalt	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Copper	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Iron	0.420			0.200	mg/L	12/30/2006 12:30:00 AM
Lead	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Magnesium	318			20.0	mg/L	12/28/2006 7:39:00 PM
Manganese	0.0725			0.00500	mg/L	12/30/2006 12:30:00 AM
Molybdenum	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Nickel	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Potassium	1.08			0.200	mg/L	12/30/2006 12:30:00 AM
Selenium	0.0165			0.00500	mg/L	12/30/2006 12:30:00 AM
Silver	ND			0.00500	mg/L	12/30/2006 12:30:00 AM
Sodium	355			20.0	mg/L	12/28/2006 7:39:00 PM
Vanadium	0.0135			0.00500	mg/L	12/30/2006 12:30:00 AM
Zinc	0.0142			0.00500	mg/L	12/30/2006 12:30:00 AM
VOLATILES BY GC/MS						
			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: KWB-P2

Work Order: 0612318

Collection Date: 12/15/2006 12:25:00 PM

Project: Artesia

Lab ID: 0612318-20

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/22/2006 10:35:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 10:35:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 10:35:00 PM
Acetone	ND		10	µg/L	1	12/22/2006 10:35:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 10:35:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 10:35:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 10:35:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 10:35:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 10:35:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 10:35:00 PM
Surr: 1,2-Dichloroethane-d4	116		70-125	%REC	1	12/22/2006 10:35:00 PM
Surr: 4-Bromofluorobenzene	82.8		72.4-125	%REC	1	12/22/2006 10:35:00 PM
Surr: Dibromofluoromethane	111		71.2-125	%REC	1	12/22/2006 10:35:00 PM
Surr: Toluene-d8	88.5		75-125	%REC	1	12/22/2006 10:35:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: KWB-P2

Work Order: 0612318

Collection Date: 12/15/2006 12:25:00 PM

Project: Artesia

Lab ID: 0612318-20

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	713		25.0	mg/L	50	12/25/2006 10:01:00 AM
Fluoride	0.609		0.100	mg/L	1	12/25/2006 9:39:00 AM
Sulfate	2,040		50.0	mg/L	50	12/25/2006 10:01:00 AM
Nitrate/Nitrite (as N)	23.1		0.500	mg/L	5	12/27/2006 5:46:00 PM
Surr: Selenate (surr)	102		80-120	%REC	5	12/27/2006 5:46:00 PM
Surr: Selenate (surr)	91.4		80-120	%REC	1	12/25/2006 9:39:00 AM
Surr: Selenate (surr)	93.7		80-120	%REC	50	12/25/2006 10:01:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	348		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	348		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.93		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	4,680		10.0	mg/L	1	12/19/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-21

Client Sample ID: Duplicate #3
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.4		0.10	mg/L	2	12/22/2006 7:06:00 PM
Surr: 2-Fluorobiphenyl	103		70-130	%REC	2	12/22/2006 7:06:00 PM
GASOLINE RANGE ORGANICS						
Gasoline Range Organics	0.736		0.0500	mg/L	1	12/27/2006 8:30:00 PM
Surr: 4-Bromofluorobenzene	118		70-130	%REC	1	12/27/2006 8:30:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 4:55:52 PM
ICP METALS, TOTAL						
Aluminum	2.11		0.500	mg/L	50	12/28/2006 7:45:00 PM
Arsenic	0.101		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Barium	0.0229		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 12:36:00 AM
Boron	0.660		0.0200	mg/L	1	12/30/2006 12:36:00 AM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 12:36:00 AM
Calcium	674		25.0	mg/L	50	12/28/2006 7:45:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Cobalt	ND		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Iron	5.53		0.200	mg/L	1	12/30/2006 12:36:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Magnesium	298		10.0	mg/L	50	12/28/2006 7:45:00 PM
Manganese	3.78		0.250	mg/L	50	12/28/2006 7:45:00 PM
Molybdenum	0.00546		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Nickel	0.0278		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Potassium	9.04		0.200	mg/L	1	12/30/2006 12:36:00 AM
Selenium	ND		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Sodium	2,230		10.0	mg/L	50	12/28/2006 7:45:00 PM
Vanadium	0.00748		0.00500	mg/L	1	12/30/2006 12:36:00 AM
Zinc	0.0117		0.00500	mg/L	1	12/30/2006 12:36:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-21

Client Sample ID: Duplicate #3
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
1,2-Dibromoethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
2-Butanone	ND		10	µg/L	1	12/22/2006 11:00:00 PM
2-Hexanone	ND		10	µg/L	1	12/22/2006 11:00:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/22/2006 11:00:00 PM
Acetone	27		10	µg/L	1	12/22/2006 11:00:00 PM
Benzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Bromoform	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Bromomethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Carbon disulfide	ND		10	µg/L	1	12/22/2006 11:00:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Chloroethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Chloroform	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Chloromethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
m,p-Xylene	ND		10	µg/L	1	12/22/2006 11:00:00 PM
Methyl tert-butyl ether	12		5.0	µg/L	1	12/22/2006 11:00:00 PM
Methylene chloride	ND		10	µg/L	1	12/22/2006 11:00:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Naphthalene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
o-Xylene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Styrene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Toluene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/22/2006 11:00:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/22/2006 11:00:00 PM
Xylenes, Total	ND		15	µg/L	1	12/22/2006 11:00:00 PM
Surr: 1,2-Dichloroethane-d4	117		70-125	%REC	1	12/22/2006 11:00:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-21

Client Sample ID: Duplicate #3
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Surr: 4-Bromofluorobenzene	92.2		72.4-125	%REC	1	12/22/2006 11:00:00 PM
Surr: Dibromofluoromethane	109		71.2-125	%REC	1	12/22/2006 11:00:00 PM
Surr: Toluene-d8	82.1		75-125	%REC	1	12/22/2006 11:00:00 PM
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: LMD
Chloride	2,470		50.0	mg/L	100	12/25/2006 10:45:00 AM
Fluoride	2.27		0.200	mg/L	2	12/25/2006 10:23:00 AM
Sulfate	3,440		100	mg/L	100	12/25/2006 10:45:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/27/2006 6:08:00 PM
Surr: Selenate (surr)	101		80-120	%REC	5	12/27/2006 6:08:00 PM
Surr: Selenate (surr)	93.8		80-120	%REC	100	12/25/2006 10:45:00 AM
Surr: Selenate (surr)	88.6		80-120	%REC	2	12/25/2006 10:23:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	474		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	474		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.17		0.100	pH units	1	12/16/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	9,680		10.0	mg/L	1	12/18/2006

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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-22

Client Sample ID: Equipment Blank #1
Collection Date: 12/14/2006 3:45:00 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	12/21/2006 5:34:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 5:34:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 5:34:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 5:34:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 5:34:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 5:34:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 5:34:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 5:34:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 5:34:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-22

Client Sample ID: Equipment Blank #1
Collection Date: 12/14/2006 3:45:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 5:34:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 5:34:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 5:34:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/21/2006 5:34:00 PM
Surr: 4-Bromofluorobenzene	83.5		72.4-125	%REC	1	12/21/2006 5:34:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/21/2006 5:34:00 PM
Surr: Toluene-d8	89.9		75-125	%REC	1	12/21/2006 5:34:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-23

Client Sample ID: Equipment Blank #2
Collection Date: 12/15/2006 11:54:00 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	12/21/2006 5:59:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 5:59:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 5:59:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 5:59:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 5:59:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 5:59:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 5:59:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 5:59:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Equipment Blank #2

Work Order: 0612318

Collection Date: 12/15/2006 11:54:00 AM

Project: Artesia

Lab ID: 0612318-23

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 5:59:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 5:59:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 5:59:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/21/2006 5:59:00 PM
Surr: 4-Bromofluorobenzene	83.0		72.4-125	%REC	1	12/21/2006 5:59:00 PM
Surr: Dibromofluoromethane	108		71.2-125	%REC	1	12/21/2006 5:59:00 PM
Surr: Toluene-d8	90.3		75-125	%REC	1	12/21/2006 5:59:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-24

Client Sample ID: Field Blank #1
Collection Date: 12/14/2006 3:35:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 6:24:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 6:24:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 6:24:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 6:24:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 6:24:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 6:24:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 6:24:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 6:24:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank #1

Work Order: 0612318

Collection Date: 12/14/2006 3:35:00 PM

Project: Artesia

Lab ID: 0612318-24

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 6:24:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 6:24:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 6:24:00 PM
Surr: 1,2-Dichloroethane-d4	110		70-125	%REC	1	12/21/2006 6:24:00 PM
Surr: 4-Bromofluorobenzene	80.2		72.4-125	%REC	1	12/21/2006 6:24:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/21/2006 6:24:00 PM
Surr: Toluene-d8	87.4		75-125	%REC	1	12/21/2006 6:24:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank #2

Work Order: 0612318

Collection Date: 12/15/2006 11:56:00 AM

Project: Artesia

Lab ID: 0612318-25

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	12/21/2006 6:49:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 6:49:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 6:49:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 6:49:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 6:49:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 6:49:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 6:49:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 6:49:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 6:49:00 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

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e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank #2

Work Order: 0612318

Collection Date: 12/15/2006 11:56:00 AM

Project: Artesia

Lab ID: 0612318-25

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 6:49:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 6:49:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 6:49:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/21/2006 6:49:00 PM
Surr: 4-Bromofluorobenzene	80.3		72.4-125	%REC	1	12/21/2006 6:49:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/21/2006 6:49:00 PM
Surr: Toluene-d8	86.9		75-125	%REC	1	12/21/2006 6:49:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-26

Client Sample ID: Trip Blank #1
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 7:14:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 7:14:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 7:14:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 7:14:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 7:14:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 7:14:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 7:14:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 7:14:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-26

Client Sample ID: Trip Blank #1
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 7:14:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 7:14:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 7:14:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/21/2006 7:14:00 PM
Surr: 4-Bromofluorobenzene	81.9		72.4-125	%REC	1	12/21/2006 7:14:00 PM
Surr: Dibromofluoromethane	105		71.2-125	%REC	1	12/21/2006 7:14:00 PM
Surr: Toluene-d8	90.7		75-125	%REC	1	12/21/2006 7:14:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-27

Client Sample ID: Trip Blank #2
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 7:39:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 7:39:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 7:39:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 7:39:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 7:39:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 7:39:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 7:39:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 7:39:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-27

Client Sample ID: Trip Blank #2
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 7:39:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 7:39:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 7:39:00 PM
Surr: 1,2-Dichloroethane-d4	110		70-125	%REC	1	12/21/2006 7:39:00 PM
Surr: 4-Bromofluorobenzene	81.8		72.4-125	%REC	1	12/21/2006 7:39:00 PM
Surr: Dibromofluoromethane	107		71.2-125	%REC	1	12/21/2006 7:39:00 PM
Surr: Toluene-d8	89.4		75-125	%REC	1	12/21/2006 7:39:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-28

Client Sample ID: Trip Blank #3
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 8:04:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 8:04:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 8:04:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 8:04:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 8:04:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 8:04:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 8:04:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 8:04:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-28

Client Sample ID: Trip Blank #3
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 8:04:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 8:04:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 8:04:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/21/2006 8:04:00 PM
Surr: 4-Bromofluorobenzene	81.5		72.4-125	%REC	1	12/21/2006 8:04:00 PM
Surr: Dibromofluoromethane	95.7		71.2-125	%REC	1	12/21/2006 8:04:00 PM
Surr: Toluene-d8	89.7		75-125	%REC	1	12/21/2006 8:04:00 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-29

Client Sample ID: Trip Blank #4
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 8:29:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 8:29:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 8:29:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 8:29:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 8:29:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 8:29:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 8:29:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 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: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-29

Client Sample ID: Trip Blank #4
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 8:29:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 8:29:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 8:29:00 PM
Surr: 1,2-Dichloroethane-d4	107		70-125	%REC	1	12/21/2006 8:29:00 PM
Surr: 4-Bromofluorobenzene	82.6		72.4-125	%REC	1	12/21/2006 8:29:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/21/2006 8:29:00 PM
Surr: Toluene-d8	88.7		75-125	%REC	1	12/21/2006 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank #5

Work Order: 0612318

Collection Date: 12/15/2006

Project: Artesia

Lab ID: 0612318-30

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 8:54:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 8:54:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 8:54:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 8:54:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 8:54:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 8:54:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 8:54:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM

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

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

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e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-30

Client Sample ID: Trip Blank #5
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 8:54:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 8:54:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 8:54:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/21/2006 8:54:00 PM
Surr: 4-Bromofluorobenzene	81.1		72.4-125	%REC	1	12/21/2006 8:54:00 PM
Surr: Dibromofluoromethane	96.4		71.2-125	%REC	1	12/21/2006 8:54:00 PM
Surr: Toluene-d8	90.1		75-125	%REC	1	12/21/2006 8:54:00 PM

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

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

e-Lab Analytical, Inc.

Date: January 03, 2007

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia
Lab ID: 0612318-31

Client Sample ID: Trip Blank #6
Collection Date: 12/15/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
2-Butanone	ND		10	µg/L	1	12/21/2006 7:23:00 PM
2-Hexanone	ND		10	µg/L	1	12/21/2006 7:23:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/21/2006 7:23:00 PM
Acetone	ND		10	µg/L	1	12/21/2006 7:23:00 PM
Benzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Bromoform	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Bromomethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Carbon disulfide	ND		10	µg/L	1	12/21/2006 7:23:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Chloroethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Chloroform	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Chloromethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
m,p-Xylene	ND		10	µg/L	1	12/21/2006 7:23:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Methylene chloride	ND		10	µg/L	1	12/21/2006 7:23:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Naphthalene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
o-Xylene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Styrene	ND		5.0	µg/L	1	12/21/2006 7:23:00 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: January 03, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Trip Blank #6

Work Order: 0612318

Collection Date: 12/15/2006

Project: Artesia

Lab ID: 0612318-31

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Toluene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/21/2006 7:23:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/21/2006 7:23:00 PM
Xylenes, Total	ND		15	µg/L	1	12/21/2006 7:23:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/21/2006 7:23:00 PM
Surr: 4-Bromofluorobenzene	115		72.4-125	%REC	1	12/21/2006 7:23:00 PM
Surr: Dibromofluoromethane	123		71.2-125	%REC	1	12/21/2006 7:23:00 PM
Surr: Toluene-d8	123		75-125	%REC	1	12/21/2006 7:23:00 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

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e-Lab Analytical, Inc.

Date: Jan 03 2007

CLIENT: Navajo Refining Company

Work Order: 0612318

Project: Artesia

QC BATCH REPORT

Batch ID: 21253 Instrument ID FID-7 Method: SW8015M

MBLK Sample ID: FBLKW1-061217 Units: mg/L Analysis Date: 12/19/06 7:00
 Client ID: Run ID: FID-7_061217A SeqNo: 1019559 Prep Date: 12/17/2006 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	0.1124	0.010	0.1	0	112	70-130	0			

LCS Sample ID: FLCSW1-061217 Units: mg/L Analysis Date: 12/19/06 7:40
 Client ID: Run ID: FID-7_061217A SeqNo: 1019560 Prep Date: 12/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	1.231	0.050	1	0	123	70-130	0			
Surr: 2-Fluorobiphenyl	0.1256	0.010	0.1	0	126	70-130	0			

LCSD Sample ID: FLCSDW1-061217 Units: mg/L Analysis Date: 12/19/06 8:21
 Client ID: Run ID: FID-7_061217A SeqNo: 1019561 Prep Date: 12/17/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	1.083	0.050	1	0	108	70-130	1.231	12.8	20	
Surr: 2-Fluorobiphenyl	0.1103	0.010	0.1	0	110	70-130	0.1256	13	20	

The following samples were analyzed in this batch:

0612318-01F	0612318-02F	0612318-03F
0612318-04F	0612318-05F	0612318-06F
0612318-07F	0612318-08F	0612318-09F
0612318-10F	0612318-11F	0612318-12F
0612318-13F	0612318-14F	0612318-16F
0612318-17F	0612318-18F	0612318-19F
0612318-20F	0612318-21F	

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: 0612318
 Project: Artesia

QC BATCH REPORT

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

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

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

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

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

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

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

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

Client ID: Run ID: **FID-9_061227A** SeqNo: **1024002** Prep Date: DF: **1**

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

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

Client ID: Run ID: **FID-9_061227A** SeqNo: **1024003** Prep Date: DF: **1**

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

The following samples were analyzed in this batch:

0612318-01B 0612318-02B 0612318-03B

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45361 Instrument ID FID-9 Method: SW8015

MBLK	Sample ID: GBLKW-122706				Units: mg/L			Analysis Date: 12/27/06 13:28		
Client ID:	Run ID: FID-9_061227B				SeqNo: 1024911		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	0.108	0.0050	0.1	0	108	70-130	0			

LCS	Sample ID: GLCSW-122706				Units: mg/L			Analysis Date: 12/27/06 13:05		
Client ID:	Run ID: FID-9_061227B				SeqNo: 1024910		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	0.8627	0.050	1	0	86.3	70-130	0			
Surr: 4-Bromofluorobenzene	0.1104	0.0050	0.1	0	110	70-130	0			

MS	Sample ID: 0612318-05BMS				Units: mg/L			Analysis Date: 12/27/06 16:17		
Client ID: MW-2A		Run ID: FID-9_061227B			SeqNo: 1024916		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	0.9505	0.050	1	0.05637	89.4	70-130	0			
Surr: 4-Bromofluorobenzene	0.1107	0.0050	0.1	0	111	70-130	0			

MSD	Sample ID: 0612318-05BMSD					Units: mg/L		Analysis Date: 12/27/06 16:40		
Client ID: MW-2A	Run ID: FID-9_061227B				SeqNo: 1024917		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	0.9209	0.050	1	0.05637	86.4	70-130	0.9505	3.17	30	
Surr: 4-Bromofluorobenzene	0.1119	0.0050	0.1	0	112	70-130	0.1107	1.07	30	

The following samples were analyzed in this batch:

0612318-04B	0612318-05B	0612318-06B
0612318-07B	0612318-08B	0612318-09B
0612318-10B	0612318-11B	0612318-12B
0612318-13B	0612318-21B	

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21346 Instrument ID ICP7500 Method: SW6020

MBLK Sample ID: MBLKW5-122106 Units: mg/L Analysis Date: 12/29/06 18:16

Client ID: Run ID: ICP7500_061229A SeqNo: 1026130 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.004774	0.010								J
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Beryllium	ND	0.0020								
Boron	0.01236	0.020								J
Cadmium	0.000175	0.0020								J
Calcium	ND	0.50								
Chromium	ND	0.0050								
Cobalt	0.0001767	0.0050								J
Copper	ND	0.0050								
Iron	0.04379	0.20								J
Magnesium	ND	0.20								
Manganese	ND	0.0050								
Molybdenum	ND	0.0050								
Nickel	ND	0.0050								
Potassium	0.02118	0.20								J
Selenium	ND	0.0050								
Silver	ND	0.0050								
Sodium	ND	0.20								
Vanadium	ND	0.0050								
Zinc	ND	0.0050								

MBLK Sample ID: MBLKW5-122106 Units: mg/L Analysis Date: 12/30/06 18:07

Client ID: Run ID: ICP7500_061230A SeqNo: 1026754 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	ND	0.0050								

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21346 Instrument ID ICP7500 Method: SW6020

LCS Sample ID: MLCSW5-122106 Units: mg/L Analysis Date: 12/29/06 18:22

Client ID: Run ID: ICP7500_061229A SeqNo: 1026131 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.05818	0.010	0.05	0	116	79-126	0			
Arsenic	0.04923	0.0050	0.05	0	98.5	80-121	0			
Barium	0.05009	0.0050	0.05	0	100	79.8-119	0			
Beryllium	0.04753	0.0020	0.05	0	95.1	78.9-120	0			
Boron	0.4875	0.020	0.5	0	97.5	80-120	0			
Cadmium	0.05056	0.0020	0.05	0	101	79.1-119	0			
Calcium	5.355	0.50	5	0	107	80-121	0			
Chromium	0.05018	0.0050	0.05	0	100	79.3-121	0			
Cobalt	0.05308	0.0050	0.05	0	106	82-121	0			
Copper	0.04819	0.0050	0.05	0	96.4	81-120	0			
Iron	5.118	0.20	5	0	102	80-120	0			
Magnesium	5.25	0.20	5	0	105	80-120	0			
Manganese	0.05112	0.0050	0.05	0	102	82-119	0			
Molybdenum	0.04693	0.0050	0.05	0	93.9	81-116	0			
Nickel	0.05016	0.0050	0.05	0	100	82-120	0			
Potassium	5.388	0.20	5	0	108	80-120	0			
Selenium	0.04864	0.0050	0.05	0	97.3	79.2-118	0			
Silver	0.04773	0.0050	0.05	0	95.5	80-117	0			
Sodium	5.244	0.20	5	0	105	80.6-119	0			
Vanadium	0.05191	0.0050	0.05	0	104	82.1-119	0			
Zinc	0.04969	0.0050	0.05	0	99.4	79-118	0			

LCS Sample ID: MLCSW5-122106 Units: mg/L Analysis Date: 12/30/06 18:13

Client ID: Run ID: ICP7500_061230A SeqNo: 1026755 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.05107	0.0050	0.05	0	102	80-118	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21346 Instrument ID ICP7500 Method: SW6020

MS Sample ID: 0612321-13BMS Units: mg/L Analysis Date: 12/29/06 18:40

Client ID: Run ID: ICP7500_061229A SeqNo: 1026134 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.05834	0.010	0.05	0.007701	101	79-126	0			
Arsenic	0.05035	0.0050	0.05	0.000707	99.3	80-121	0			
Barium	0.05117	0.0050	0.05	0.0001991	102	79.8-119	0			
Beryllium	0.04759	0.0020	0.05	0.00005891	95.1	78.9-120	0			
Boron	0.5216	0.020	0.5	0.04864	94.6	80-120	0			
Cadmium	0.05064	0.0020	0.05	0.00008341	101	79.1-119	0			
Calcium	5.388	0.50	5	0.02447	107	80-121	0			
Chromium	0.05197	0.0050	0.05	0.0005904	103	79.3-121	0			
Cobalt	0.05296	0.0050	0.05	0.0001173	106	82-121	0			
Copper	0.04851	0.0050	0.05	-0.000127	97.3	80-120	0			
Iron	5.175	0.20	5	0.03149	103	80-120	0			
Magnesium	8.307	0.20	5	3.193	102	80-120	0			
Manganese	0.05201	0.0050	0.05	0.0004819	103	82-119	0			
Molybdenum	0.04719	0.0050	0.05	0.0006481	93.1	81-116	0			
Nickel	0.05101	0.0050	0.05	-0.0001052	102	82-120	0			
Potassium	8.78	0.20	5	3.431	107	80-120	0			
Selenium	0.04969	0.0050	0.05	0.00004963	99.3	79.2-118	0			
Silver	0.04874	0.0050	0.05	-0.0001306	97.7	80-117	0			
Sodium	6.786	0.20	5	1.581	104	80.6-119	0			
Vanadium	0.05259	0.0050	0.05	0.000161	105	82.1-119	0			
Zinc	0.05037	0.0050	0.05	-0.0005518	102	79-118	0			

MS Sample ID: 0612321-13BMS Units: mg/L Analysis Date: 12/30/06 18:31

Client ID: Run ID: ICP7500_061230A SeqNo: 1026758 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.05049	0.0050	0.05	0.0001283	101	80-118	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21346 Instrument ID ICP7500 Method: SW6020

MSD		Sample ID: 0612321-13BMSD				Units: mg/L		Analysis Date: 12/29/06 18:46		
Client ID:		Run ID: ICP7500_061229A				SeqNo: 1026135		Prep Date: 12/21/2006		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.05673	0.010	0.05	0.007701	98.1	79-126	0.05642	0.548	15	
Arsenic	0.05093	0.0050	0.05	0.000707	100	80-121	0.04983	2.18	15	
Barium	0.05163	0.0050	0.05	0.0001991	103	79.8-119	0.04979	3.63	15	
Beryllium	0.04774	0.0020	0.05	0.00005891	95.4	78.9-120	0.04838	1.33	15	
Boron	0.5442	0.020	0.5	0.04864	99.1	80-120	0.5593	2.74	15	
Cadmium	0.05158	0.0020	0.05	0.00008341	103	79.1-119	0.05291	2.55	15	
Calcium	5.456	0.50	5	0.02447	109	80-121	5.469	0.238	15	
Chromium	0.05127	0.0050	0.05	0.0005904	101	79.3-121	0.04952	3.47	15	
Cobalt	0.05315	0.0050	0.05	0.0001173	106	82-121	0.05146	3.23	15	
Copper	0.04891	0.0050	0.05	-0.000127	98.1	81-120	0.04727	3.41	15	
Iron	5.164	0.20	5	0.03149	103	80-120	5.12	0.856	15	
Magnesium	8.376	0.20	5	3.193	104	80-120	8.572	2.31	15	
Manganese	0.05181	0.0050	0.05	0.0004819	103	82-119	0.05173	0.155	15	
Molybdenum	0.04842	0.0050	0.05	0.0006481	95.5	81-116	0.04722	2.51	15	
Nickel	0.05051	0.0050	0.05	-0.0001052	101	82-120	0.0484	4.27	15	
Potassium	8.789	0.20	5	3.431	107	80-120	9.007	2.45	15	
Selenium	0.05028	0.0050	0.05	0.00004963	100	79.2-118	0.05134	2.09	15	
Silver	0.04899	0.0050	0.05	-0.0001306	98.2	80-117	0.05035	2.74	15	
Sodium	6.888	0.20	5	1.581	106	80.6-119	7.372	6.79	15	
Vanadium	0.05322	0.0050	0.05	0.000161	106	82.1-119	0.05097	4.32	15	
Zinc	0.04974	0.0050	0.05	-0.0005518	101	79-118	0.05259	5.57	15	

MSD		Sample ID: 0612321-13BMSD				Units: mg/L		Analysis Date: 12/30/06 18:37		
Client ID:		Run ID: ICP7500_061230A				SeqNo: 1026759		Prep Date: 12/21/2006		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	0.0515	0.0050	0.05	0.0001283	103	80-118	0.05049	1.98	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21346 Instrument ID ICP7500 Method: SW6020

DUP		Sample ID: 0612321-13BDUP				Units: mg/L		Analysis Date: 12/29/06 18:34			
Client ID:		Run ID: ICP7500_061229A				SeqNo: 1026133		Prep Date: 12/21/2006		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual	
Aluminum	0.0056	0.010	0	0	0	0-0	0.007701	0	25	J	
Arsenic	ND	0.0050	0	0	0	0-0	0.000707	0	25		
Barium	ND	0.0050	0	0	0	0-0	0.0001991	0	25		
Beryllium	ND	0.0020	0	0	0	0-0	0.00005891	0	25		
Boron	0.04168	0.020	0	0	0	0-0	0.04864	15.4	25		
Cadmium	ND	0.0020	0	0	0	0-0	0.00008341	0	25		
Calcium	ND	0.50	0	0	0	0-0	0.02447	0	25		
Chromium	0.0006715	0.0050	0	0	0	0-0	0.0005904	0	25	J	
Cobalt	ND	0.0050	0	0	0	0-0	0.0001173	0	25		
Copper	ND	0.0050	0	0	0	0-0	-0.000127	0	25		
Iron	ND	0.20	0	0	0	0-0	0.03149	0	25		
Magnesium	3.226	0.20	0	0	0	0-0	3.193	1.03	25		
Manganese	ND	0.0050	0	0	0	0-0	0.0004819	0	25		
Molybdenum	ND	0.0050	0	0	0	0-0	0.0006481	0	25		
Nickel	ND	0.0050	0	0	0	0-0	-0.0001052	0	25		
Potassium	3.449	0.20	0	0	0	0-0	3.431	0.523	25		
Selenium	ND	0.0050	0	0	0	0-0	0.00004963	0	25		
Silver	ND	0.0050	0	0	0	0-0	-0.0001306	0	25		
Sodium	1.582	0.20	0	0	0	0-0	1.581	0.0632	25		
Vanadium	ND	0.0050	0	0	0	0-0	0.000161	0	25		
Zinc	ND	0.0050	0	0	0	0-0	-0.0005518	0	25		

DUP	Sample ID: 0612321-13BDUP					Units: mg/L		Analysis Date: 12/30/06 18:25		
Client ID:	Run ID: ICP7500_061230A				SeqNo: 1026757		Prep Date: 12/21/2006		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Lead	ND	0.0050	0	0	0	0-0	0.0001283	0	25	

The following samples were analyzed in this batch:

0612318-01C	0612318-02C	0612318-03C
0612318-04C	0612318-05C	0612318-06C
0612318-07C	0612318-08C	0612318-09C
0612318-10C	0612318-11C	0612318-12C
0612318-13C	0612318-14C	0612318-15C
0612318-16C		

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW4-122206 Units: mg/L Analysis Date: 12/27/06 7:36

Client ID: Run ID: ICPMS02_061226A SeqNo: 1023947 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	ND	0.010								
Arsenic	ND	0.0050								
Barium	0.001531	0.0050								J
Beryllium	ND	0.0020								
Boron	ND	0.020								
Cadmium	ND	0.0020								
Calcium	0.1645	0.50								J
Chromium	ND	0.0050								
Cobalt	ND	0.0050								
Copper	ND	0.0050								
Iron	ND	0.20								
Lead	ND	0.0050								
Magnesium	ND	0.20								
Manganese	0.002425	0.0050								J
Molybdenum	ND	0.0050								
Nickel	ND	0.0050								
Potassium	ND	0.20								
Selenium	ND	0.0050								
Silver	ND	0.0050								
Sodium	0.1792	0.20								J
Vanadium	ND	0.0050								
Zinc	ND	0.0050								

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

LCS Sample ID: MLCSW4-122206 Units: mg/L Analysis Date: 12/27/06 7:42

Client ID: Run ID: ICPMS02_061226A SeqNo: 1023948 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04868	0.010	0.05	0	97.4	79-126	0			
Arsenic	0.04714	0.0050	0.05	0	94.3	80-121	0			
Barium	0.04819	0.0050	0.05	0	96.4	79.8-119	0			
Beryllium	0.0433	0.0020	0.05	0	86.6	78.9-120	0			
Boron	0.4444	0.020	0.5	0	88.9	80-120	0			
Cadmium	0.04939	0.0020	0.05	0	98.8	79.1-119	0			
Calcium	4.955	0.50	5	0	99.1	80-121	0			
Chromium	0.04472	0.0050	0.05	0	89.4	79.3-121	0			
Cobalt	0.04996	0.0050	0.05	0	99.9	82-121	0			
Copper	0.04501	0.0050	0.05	0	90	81-120	0			
Iron	4.632	0.20	5	0	92.6	80-120	0			
Lead	0.04713	0.0050	0.05	0	94.3	80-118	0			
Magnesium	4.6	0.20	5	0	92	80-120	0			
Manganese	0.04751	0.0050	0.05	0	95	82-119	0			
Molybdenum	0.04653	0.0050	0.05	0	93.1	81-116	0			
Nickel	0.04755	0.0050	0.05	0	95.1	82-120	0			
Potassium	4.658	0.20	5	0	93.2	80-120	0			
Selenium	0.04774	0.0050	0.05	0	95.5	79.2-118	0			
Silver	0.04363	0.0050	0.05	0	87.3	80-117	0			
Sodium	4.708	0.20	5	0	94.2	80.6-119	0			
Vanadium	0.0462	0.0050	0.05	0	92.4	82.1-119	0			
Zinc	0.04976	0.0050	0.05	0	99.5	79-118	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0612339-01BMS Units: mg/L Analysis Date: 12/27/06 8:06
 Client ID: Run ID: ICPMS02_061226A SeqNo: 1023952 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04597	0.010	0.05	0.0048	82.3	79-126	0			
Arsenic	0.04555	0.0050	0.05	0.001317	88.5	80-121	0			
Barium	0.1371	0.0050	0.05	0.09146	91.3	79.8-119	0			
Beryllium	0.04209	0.0020	0.05	-0.0006573	85.5	78.9-120	0			
Boron	0.5012	0.020	0.5	0.08057	84.1	80-120	0			
Cadmium	0.04542	0.0020	0.05	-0.000771	92.4	79.1-119	0			
Calcium	36.96	0.50	5	32.31	93	80-121	0			O
Chromium	0.04168	0.0050	0.05	-0.0006094	84.6	79.3-121	0			
Cobalt	0.05922	0.0050	0.05	0.01226	93.9	82-121	0			
Copper	0.04179	0.0050	0.05	-0.00006029	83.7	80-120	0			
Iron	4.266	0.20	5	-0.07086	86.7	80-120	0			
Lead	0.04527	0.0050	0.05	0.0003444	89.9	80-118	0			
Magnesium	7.699	0.20	5	3.345	87.1	80-120	0			
Manganese	0.05466	0.0050	0.05	0.01248	84.4	82-119	0			
Molybdenum	0.04485	0.0050	0.05	0.000658	88.4	81-116	0			
Nickel	0.07083	0.0050	0.05	0.02618	89.3	82-120	0			
Potassium	4.539	0.20	5	0.1592	87.6	80-120	0			
Selenium	0.04505	0.0050	0.05	0.001201	87.7	79.2-118	0			
Silver	0.03898	0.0050	0.05	-0.0001954	78.4	80-117	0			S
Sodium	172.3	0.20	5	163	186	80.6-119	0			SO
Vanadium	0.04695	0.0050	0.05	0.002068	89.8	82.1-119	0			
Zinc	0.04961	0.0050	0.05	0.003113	93	79-118	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

MSD		Sample ID: 0612339-01BMSD				Units: mg/L		Analysis Date: 12/27/06 8:12		
Client ID:		Run ID: ICPMS02_061226A				SeqNo: 1023953		Prep Date: 12/22/2006		DF: 1
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04616	0.010	0.05	0.0048	82.7	79-126	0.04597	0.412	15	
Arsenic	0.04423	0.0050	0.05	0	88.5	80-121	0.04555	2.94	15	
Barium	0.134	0.0050	0.05	0.09146	85.1	79.8-119	0.1371	2.29	15	
Beryllium	0.04142	0.0020	0.05	0	82.8	78.9-120	0.04209	1.6	15	
Boron	0.5047	0.020	0.5	0.08057	84.8	80-120	0.5012	0.696	15	
Cadmium	0.04523	0.0020	0.05	0	90.5	79.1-119	0.04542	0.419	15	
Calcium	36.55	0.50	5	32.31	84.8	80-121	36.96	1.12	15	O
Chromium	0.04181	0.0050	0.05	0	83.6	79.3-121	0.04168	0.311	15	
Cobalt	0.05837	0.0050	0.05	0.01226	92.2	82-121	0.05922	1.45	15	
Copper	0.04042	0.0050	0.05	0	80.8	81-120	0.04179	3.33	15	S
Iron	4.261	0.20	5	0	85.2	80-120	4.266	0.117	15	
Lead	0.04537	0.0050	0.05	0.0003444	90.1	80-118	0.04527	0.221	15	
Magnesium	7.644	0.20	5	3.345	86	80-120	7.699	0.717	15	
Manganese	0.05488	0.0050	0.05	0.01248	84.8	82-119	0.05466	0.402	15	
Molybdenum	0.04515	0.0050	0.05	0	90.3	81-116	0.04485	0.667	15	
Nickel	0.0692	0.0050	0.05	0.02618	86	82-120	0.07083	2.33	15	
Potassium	4.532	0.20	5	0.1592	87.5	80-120	4.539	0.154	15	
Selenium	0.04612	0.0050	0.05	0	92.2	79.2-118	0.04505	2.35	15	
Silver	0.03827	0.0050	0.05	0	76.5	80-117	0.03898	1.84	15	S
Sodium	169	0.20	5	163	120	80.6-119	172.3	1.93	15	SO
Vanadium	0.04646	0.0050	0.05	0.002068	88.8	82.1-119	0.04695	1.05	15	
Zinc	0.04836	0.0050	0.05	0.003113	90.5	79-118	0.04961	2.55	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0612339-01BDUP Units: mg/L Analysis Date: 12/27/06 7:54
 Client ID: Run ID: ICPMS02_061226A SeqNo: 1023950 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.004341	0.010	0	0	0	0-0	0.0048	0	25	J
Arsenic	ND	0.0050	0	0	0	0-0	0.001317	0	25	
Barium	0.09066	0.0050	0	0	0	0-0	0.09146	0.879	25	
Beryllium	ND	0.0020	0	0	0	0-0	-0.0006573	0	25	
Boron	0.07518	0.020	0	0	0	0-0	0.08057	6.92	25	
Cadmium	ND	0.0020	0	0	0	0-0	-0.000771	0	25	
Calcium	32.05	0.50	0	0	0	0-0	32.31	0.808	25	
Chromium	ND	0.0050	0	0	0	0-0	-0.0006094	0	25	
Cobalt	0.01209	0.0050	0	0	0	0-0	0.01226	1.4	25	
Copper	ND	0.0050	0	0	0	0-0	-0.00006029	0	25	
Iron	ND	0.20	0	0	0	0-0	-0.07086	0	25	
Lead	ND	0.0050	0	0	0	0-0	0.0003444	0	25	
Magnesium	3.36	0.20	0	0	0	0-0	3.345	0.447	25	
Manganese	0.01196	0.0050	0	0	0	0-0	0.01248	4.26	25	
Molybdenum	ND	0.0050	0	0	0	0-0	0.000658	0	25	
Nickel	0.02554	0.0050	0	0	0	0-0	0.02618	2.47	25	
Potassium	0.1531	0.20	0	0	0	0-0	0.1592	0	25	J
Selenium	ND	0.0050	0	0	0	0-0	0.001201	0	25	
Silver	ND	0.0050	0	0	0	0-0	-0.0001954	0	25	
Sodium	164.2	0.20	0	0	0	0-0	163	0.733	25	
Vanadium	0.002056	0.0050	0	0	0	0-0	0.002068	0	25	J
Zinc	0.002338	0.0050	0	0	0	0-0	0.003113	0	25	J

The following samples were analyzed in this batch:

0612318-17C	0612318-18C	0612318-19C
0612318-20C	0612318-21C	

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: 21381 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW3-122606 Units: mg/L Analysis Date: 12/27/06 14:36

Client ID: Run ID: MERCURY_061227C SeqNo: 1024258 Prep Date: 12/26/2006 DF: 1

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

LCS Sample ID: GLCSW3-122606 Units: mg/L Analysis Date: 12/27/06 14:38

Client ID: Run ID: MERCURY_061227C SeqNo: 1024259 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00485	0.00020	0.005	0	97	85-115	0			

LCSD Sample ID: GLCSDW3-122606 Units: mg/L Analysis Date: 12/27/06 14:43

Client ID: Run ID: MERCURY_061227C SeqNo: 1024260 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00495	0.00020	0.005	0	99	85-115	0.00485	2.04	20	

MS Sample ID: 0612318-03CMS Units: mg/L Analysis Date: 12/27/06 14:49

Client ID: MW-3 Run ID: MERCURY_061227C SeqNo: 1024263 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0051	0.00020	0.005	-0.000033	103	85-115	0			

MSD Sample ID: 0612318-03CMSD Units: mg/L Analysis Date: 12/27/06 14:51

Client ID: MW-3 Run ID: MERCURY_061227C SeqNo: 1024264 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00513	0.00020	0.005	-0.000033	103	85-115	0.0051	0.587	20	

DUP Sample ID: 0612318-03CDUP Units: mg/L Analysis Date: 12/27/06 14:47

Client ID: MW-3 Run ID: MERCURY_061227C SeqNo: 1024262 Prep Date: 12/26/2006 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	-0.000033	0	20	

ND - Not Detected at the Reporting Limit

B - 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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: **21381** Instrument ID **Mercury** Method: **SW7470**

The following samples were analyzed in this batch:

0612318-01C	0612318-02C	0612318-03C
0612318-04C	0612318-05C	0612318-06C
0612318-07C	0612318-08C	0612318-09C
0612318-10C	0612318-11C	0612318-12C
0612318-13C	0612318-14C	0612318-15C
0612318-16C	0612318-17C	0612318-18C
0612318-19C	0612318-20C	

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: 21390 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW4-122606 Units: mg/L Analysis Date: 12/27/06 16:19

Client ID: Run ID: MERCURY_061227D SeqNo: 1024298 Prep Date: 12/26/2006 DF: 1

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

LCS Sample ID: GLCSW4-122606 Units: mg/L Analysis Date: 12/27/06 16:25

Client ID: Run ID: MERCURY_061227D SeqNo: 1024299 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0049	0.00020	0.005	0	98	85-115	0			

LCSD Sample ID: GLCSDW4-122606 Units: mg/L Analysis Date: 12/27/06 16:27

Client ID: Run ID: MERCURY_061227D SeqNo: 1024300 Prep Date: 12/26/2006 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	0.0049	6.52	20	

MS Sample ID: 0612339-02BMS Units: mg/L Analysis Date: 12/27/06 16:33

Client ID: Run ID: MERCURY_061227D SeqNo: 1024303 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00511	0.00020	0.005	-0.00002	103	85-115	0			

MSD Sample ID: 0612339-02BMSD Units: mg/L Analysis Date: 12/27/06 16:35

Client ID: Run ID: MERCURY_061227D SeqNo: 1024304 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.0051	0.00020	0.005	-0.00002	102	85-115	0.00511	0.196	20	

DUP Sample ID: 0612339-02BDUP Units: mg/L Analysis Date: 12/27/06 16:31

Client ID: Run ID: MERCURY_061227D SeqNo: 1024302 Prep Date: 12/26/2006 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: 0612318-21C

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45192 Instrument ID VOA1 Method: SW8260

MBLK Sample ID: VBLKW-061221 Units: µg/L Analysis Date: 12/21/06 12:08
 Client ID: Run ID: VOA1_061221A SeqNo: 1020944 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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: R45192	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	47.01	5.0 50 0 94 70-125 0
Surr: 4-Bromofluorobenzene	52.65	5.0 50 0 105 72.4-125 0
Surr: Dibromofluoromethane	53.16	5.0 50 0 106 71.2-125 0
Surr: Toluene-d8	54.56	5.0 50 0 109 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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45192 Instrument ID VOA1 Method: SW8260

LCS Sample ID: VLCSW-061221 Units: µg/L Analysis Date: 12/21/06 11:13

Client ID: Run ID: VOA1_061221A SeqNo: 1020943 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	47.06	5.0	50	0	94.1	79.6-120	0			
1,1,2,2-Tetrachloroethane	52.02	5.0	50	0	104	78.9-121	0			
1,1,2-Trichloroethane	50.18	5.0	50	0	100	80-120	0			
1,1-Dichloroethane	49.71	5.0	50	0	99.4	74.2-122	0			
1,1-Dichloroethene	52.14	5.0	50	0	104	75.8-122	0			
1,2,4-Trimethylbenzene	48.97	5.0	50	0	97.9	80-120	0			
1,2-Dibromoethane	47.62	5.0	50	0	95.2	80-120	0			
1,2-Dichloroethane	47.59	5.0	50	0	95.2	78.8-120	0			
1,2-Dichloropropane	50.97	5.0	50	0	102	80-120	0			
1,3,5-Trimethylbenzene	52.74	5.0	50	0	105	80-120	0			
2-Butanone	105.3	10	100	0	105	69.2-131	0			
2-Hexanone	97.85	10	100	0	97.8	59.1-135	0			
4-Isopropyltoluene	47.97	5.0	50	0	95.9	80-120	0			
4-Methyl-2-pentanone	102.1	10	100	0	102	71.6-124	0			
Acetone	93.91	10	100	0	93.9	60.1-141	0			
Benzene	49.9	5.0	50	0	99.8	80-120	0			
Bromodichloromethane	52.28	5.0	50	0	105	80-120	0			
Bromoform	46.1	5.0	50	0	92.2	78.1-120	0			
Bromomethane	54.11	5.0	50	0	108	52.8-147	0			
Carbon disulfide	108.5	10	100	0	108	78.8-120	0			
Carbon tetrachloride	47.8	5.0	50	0	95.6	76.8-120	0			
Chlorobenzene	49.69	5.0	50	0	99.4	80-120	0			
Chloroethane	47.59	5.0	50	0	95.2	74.2-120	0			
Chloroform	49.24	5.0	50	0	98.5	80-120	0			
Chloromethane	50.6	5.0	50	0	101	63.5-133	0			
cis-1,2-Dichloroethene	51.03	5.0	50	0	102	80-120	0			
cis-1,3-Dichloropropene	49.52	5.0	50	0	99	80-120	0			
Dibromochloromethane	48.24	5.0	50	0	96.5	80-120	0			
Ethylbenzene	42.5	5.0	50	0	85	80-120	0			
Isopropylbenzene	47.18	5.0	50	0	94.4	80-120	0			
m,p-Xylene	97.19	10	100	0	97.2	80-120	0			
Methyl tert-butyl ether	49.92	5.0	50	0	99.8	75.8-123	0			
Methylene chloride	49.35	10	50	0	98.7	74.7-120	0			
n-Butylbenzene	53.03	5.0	50	0	106	80-120	0			
n-Propylbenzene	56.68	5.0	50	0	113	80-120	0			
Naphthalene	51.23	5.0	50	0	102	71.4-124	0			
o-Xylene	50.4	5.0	50	0	101	80-120	0			
sec-Butylbenzene	53.67	5.0	50	0	107	80-120	0			
Styrene	50.16	5.0	50	0	100	80-120	0			
Tetrachloroethene	48.68	5.0	50	0	97.4	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45192		Instrument ID VOA1		Method: SW8260			
Toluene	48.49	5.0	50	0	97	80-120	0
trans-1,2-Dichloroethene	49.43	5.0	50	0	98.9	75.9-122	0
trans-1,3-Dichloropropene	50.32	5.0	50	0	101	80-120	0
Trichloroethene	48.43	5.0	50	0	96.9	80-120	0
Vinyl chloride	52.39	2.0	50	0	105	76.2-121	0
Xylenes, Total	147.6	15	150	0	98.4	80-120	0
Surr: 1,2-Dichloroethane-d4	49.01	5.0	50	0	98	70-125	0
Surr: 4-Bromofluorobenzene	53.16	5.0	50	0	106	72.4-125	0
Surr: Dibromofluoromethane	55.9	5.0	50	0	112	71.2-125	0
Surr: Toluene-d8	57.98	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: **R45192** Instrument ID **VOA1** Method: **SW8260**

MS				Sample ID: 0612391-01AMS		Units: µg/L		Analysis Date: 12/21/06 15:46		
Client ID:		Run ID: VOA1_061221A			SeqNo: 1020952		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	22970	2,500	25000	0	91.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	27970	2,500	25000	0	112	78.9-121	0			
1,1,2-Trichloroethane	26340	2,500	25000	0	105	80-120	0			
1,1-Dichloroethane	26910	2,500	25000	0	108	74.2-122	0			
1,1-Dichloroethene	25330	2,500	25000	0	101	75.8-122	0			
1,2,4-Trimethylbenzene	22480	2,500	25000	0	89.9	80-120	0			
1,2-Dibromoethane	24470	2,500	25000	0	97.9	80-120	0			
1,2-Dichloroethane	25680	2,500	25000	0	103	78.8-120	0			
1,2-Dichloropropane	27660	2,500	25000	0	111	80-120	0			
1,3,5-Trimethylbenzene	21440	2,500	25000	0	85.8	80-120	0			
2-Butanone	54780	5,000	50000	0	110	69.2-131	0			
2-Hexanone	50370	5,000	50000	0	101	59.1-135	0			
4-Isopropyltoluene	21070	2,500	25000	0	84.3	80-120	0			
4-Methyl-2-pentanone	54530	5,000	50000	0	109	71.6-124	0			
Acetone	49910	5,000	50000	0	99.8	60.1-141	0			
Benzene	46890	2,500	25000	19100	111	80-120	0			
Bromodichloromethane	25220	2,500	25000	0	101	80-120	0			
Bromoform	23580	2,500	25000	0	94.3	78.1-120	0			
Bromomethane	27060	2,500	25000	0	108	52.8-147	0			
Carbon disulfide	52100	5,000	50000	0	104	78.8-120	0			
Carbon tetrachloride	32970	2,500	25000	9672	93.2	76.8-120	0			
Chlorobenzene	94620	2,500	25000	70620	96	80-120	0			
Chloroethane	25780	2,500	25000	0	103	74.2-120	0			
Chloroform	45380	2,500	25000	17200	113	80-120	0			
Chloromethane	26830	2,500	25000	0	107	63.5-133	0			
cis-1,2-Dichloroethene	27580	2,500	25000	0	110	80-120	0			
cis-1,3-Dichloropropene	24960	2,500	25000	0	99.9	80-120	0			
Dibromochloromethane	25700	2,500	25000	0	103	80-120	0			
Ethylbenzene	21900	2,500	25000	0	87.6	80-120	0			
Isopropylbenzene	21140	2,500	25000	0	84.6	80-120	0			
m,p-Xylene	45820	5,000	50000	731.3	90.2	80-120	0			
Methyl tert-butyl ether	26860	2,500	25000	0	107	75.8-123	0			
Methylene chloride	25720	5,000	25000	664.1	100	74.7-120	0			
n-Butylbenzene	22430	2,500	25000	0	89.7	80-120	0			
n-Propylbenzene	24450	2,500	25000	0	97.8	80-120	0			
Naphthalene	22850	2,500	25000	0	91.4	71.4-124	0			
o-Xylene	25090	2,500	25000	0	100	80-120	0			
sec-Butylbenzene	22990	2,500	25000	0	92	80-120	0			
Styrene	24950	2,500	25000	0	99.8	80-120	0			
Tetrachloroethene	21830	2,500	25000	0	87.3	80-120	0			

ND - Not Detected at the Reporting Limit

B - 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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45192	Instrument ID VOA1	Method: SW8260						
Toluene	24020	2,500	25000	0	96.1	80-120	0	
trans-1,2-Dichloroethene	24740	2,500	25000	0	99	75.9-122	0	
trans-1,3-Dichloropropene	25320	2,500	25000	0	101	80-120	0	
Trichloroethene	24300	2,500	25000	0	97.2	80-120	0	
Vinyl chloride	23300	1,000	25000	0	93.2	76.2-121	0	
Xylenes, Total	70910	7,500	75000	731.3	93.6	80-120	0	
Surr: 1,2-Dichloroethane-d4	28120	2,500	25000	0	112	70-125	0	
Surr: 4-Bromofluorobenzene	27960	2,500	25000	0	112	72.4-125	0	
Surr: Dibromofluoromethane	29010	2,500	25000	0	116	71.2-125	0	
Surr: Toluene-d8	30400	2,500	25000	0	122	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45192 Instrument ID VOA1 Method: SW8260

MSD		Sample ID: 0612391-01AMSD		Units: µg/L		Analysis Date: 12/21/06 16:13				
Client ID:		Run ID: VOA1_061221A		SeqNo: 1020953		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	23400	2,500	25000	0	93.6	79.6-120	22970	1.86	20	
1,1,2,2-Tetrachloroethane	25720	2,500	25000	0	103	78.9-121	27970	8.4	20	
1,1,2-Trichloroethane	25930	2,500	25000	0	104	80-120	26340	1.59	20	
1,1-Dichloroethane	27130	2,500	25000	0	109	74.2-122	26910	0.829	20	
1,1-Dichloroethene	27560	2,500	25000	0	110	75.8-122	25330	8.43	20	
1,2,4-Trimethylbenzene	22440	2,500	25000	0	89.7	80-120	22480	0.189	20	
1,2-Dibromoethane	24210	2,500	25000	0	96.8	80-120	24470	1.1	20	
1,2-Dichloroethane	22700	2,500	25000	0	90.8	78.8-120	25680	12.3	20	
1,2-Dichloropropane	24580	2,500	25000	0	98.3	80-120	27660	11.8	20	
1,3,5-Trimethylbenzene	22180	2,500	25000	0	88.7	80-120	21440	3.38	20	
2-Butanone	55280	5,000	50000	0	111	69.2-131	54780	0.901	20	
2-Hexanone	47380	5,000	50000	0	94.8	59.1-135	50370	6.11	20	
4-Isopropyltoluene	22430	2,500	25000	0	89.7	80-120	21070	6.22	20	
4-Methyl-2-pentanone	52900	5,000	50000	0	106	71.6-124	54530	3.04	20	
Acetone	50420	5,000	50000	0	101	60.1-141	49910	1.01	20	
Benzene	42850	2,500	25000	19100	95	80-120	46890	9.01	20	
Bromodichloromethane	24080	2,500	25000	0	96.3	80-120	25220	4.61	20	
Bromoform	21500	2,500	25000	0	86	78.1-120	23580	9.22	20	
Bromomethane	26750	2,500	25000	0	107	52.8-147	27060	1.18	20	
Carbon disulfide	55140	5,000	50000	0	110	78.8-120	52100	5.66	20	
Carbon tetrachloride	31280	2,500	25000	9672	86.4	76.8-120	32970	5.28	20	
Chlorobenzene	96470	2,500	25000	70620	103	80-120	94620	1.94	20	
Chloroethane	24550	2,500	25000	0	98.2	74.2-120	25780	4.87	20	
Chloroform	45240	2,500	25000	17200	112	80-120	45380	0.307	20	
Chloromethane	26350	2,500	25000	0	105	63.5-133	26830	1.81	20	
cis-1,2-Dichloroethene	27770	2,500	25000	0	111	80-120	27580	0.682	20	
cis-1,3-Dichloropropene	23040	2,500	25000	0	92.2	80-120	24960	8.01	20	
Dibromochloromethane	24600	2,500	25000	0	98.4	80-120	25700	4.4	20	
Ethylbenzene	22380	2,500	25000	0	89.5	80-120	21900	2.19	20	
Isopropylbenzene	22530	2,500	25000	0	90.1	80-120	21140	6.38	20	
m,p-Xylene	45330	5,000	50000	731.3	89.2	80-120	45820	1.09	20	
Methyl tert-butyl ether	25950	2,500	25000	0	104	75.8-123	26860	3.43	20	
Methylene chloride	25430	5,000	25000	664.1	99.1	74.7-120	25720	1.13	20	
n-Butylbenzene	23540	2,500	25000	0	94.2	80-120	22430	4.84	20	
n-Propylbenzene	23670	2,500	25000	0	94.7	80-120	24450	3.22	20	
Naphthalene	22960	2,500	25000	0	91.8	71.4-124	22850	0.494	20	
o-Xylene	23020	2,500	25000	0	92.1	80-120	25090	8.62	20	
sec-Butylbenzene	22350	2,500	25000	0	89.4	80-120	22990	2.85	20	
Styrene	22810	2,500	25000	0	91.3	80-120	24950	8.92	20	
Tetrachloroethene	21880	2,500	25000	0	87.5	80-120	21830	0.23	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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: R45192	Instrument ID VOA1		Method: SW8260							
Toluene	23500	2,500	25000	0	94	80-120	24020	2.21	20	
trans-1,2-Dichloroethene	26360	2,500	25000	0	105	75.9-122	24740	6.32	20	
trans-1,3-Dichloropropene	23200	2,500	25000	0	92.8	80-120	25320	8.73	20	
Trichloroethene	23100	2,500	25000	0	92.4	80-120	24300	5.07	20	
Vinyl chloride	25490	1,000	25000	0	102	76.2-121	23300	8.99	20	
Xylenes, Total	68340	7,500	75000	731.3	90.2	80-120	70910	3.69	20	
Surr: 1,2-Dichloroethane-d4	28470	2,500	25000	0	114	70-125	28120	1.26	20	
Surr: 4-Bromofluorobenzene	25870	2,500	25000	0	103	72.4-125	27960	7.76	20	
Surr: Dibromofluoromethane	30250	2,500	25000	0	121	71.2-125	29010	4.18	20	
Surr: Toluene-d8	29230	2,500	25000	0	117	75-125	30400	3.94	20	

The following samples were analyzed in this batch:

0612318-31A

ND - Not Detected at the Reporting Limit

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E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

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

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

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

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

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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: 0612318
Project: Artesia

QC BATCH REPORT

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

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

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E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45203 Instrument ID VOA2 Method: SW8260

LCS		Sample ID: VLCSW-061221		Units: µg/L		Analysis Date: 12/21/06 10:53				
Client ID:		Run ID: VOA2_061221A		SeqNo: 1021253		Prep Date:		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	52.28	5.0	50	0	105	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.25	5.0	50	0	96.5	78.9-121	0			
1,1,2-Trichloroethane	46.02	5.0	50	0	92	80-120	0			
1,1-Dichloroethane	50.93	5.0	50	0	102	74.2-122	0			
1,1-Dichloroethene	51.78	5.0	50	0	104	75.8-122	0			
1,2,4-Trimethylbenzene	46.19	5.0	50	0	92.4	80-120	0			
1,2-Dibromoethane	48.39	5.0	50	0	96.8	80-120	0			
1,2-Dichloroethane	51.64	5.0	50	0	103	78.8-120	0			
1,2-Dichloropropane	48.71	5.0	50	0	97.4	80-120	0			
1,3,5-Trimethylbenzene	45.52	5.0	50	0	91	80-120	0			
2-Butanone	106.3	10	100	0	106	69.2-131	0			
2-Hexanone	111.6	10	100	0	112	59.1-135	0			
4-Isopropyltoluene	45.85	5.0	50	0	91.7	80-120	0			
4-Methyl-2-pentanone	105.4	10	100	0	105	71.6-124	0			
Acetone	123	10	100	0	123	60.1-141	0			
Benzene	47.2	5.0	50	0	94.4	80-120	0			
Bromodichloromethane	52.06	5.0	50	0	104	80-120	0			
Bromoform	50.1	5.0	50	0	100	78.1-120	0			
Bromomethane	44.22	5.0	50	0	88.4	52.8-147	0			
Carbon disulfide	104.2	10	100	0	104	78.8-120	0			
Carbon tetrachloride	46.61	5.0	50	0	93.2	76.8-120	0			
Chlorobenzene	45.48	5.0	50	0	91	80-120	0			
Chloroethane	51.12	5.0	50	0	102	74.2-120	0			
Chloroform	48.5	5.0	50	0	97	80-120	0			
Chloromethane	42.67	5.0	50	0	85.3	63.5-133	0			
cis-1,2-Dichloroethene	48.41	5.0	50	0	96.8	80-120	0			
cis-1,3-Dichloropropene	49.04	5.0	50	0	98.1	80-120	0			
Dibromochloromethane	50.21	5.0	50	0	100	80-120	0			
Ethylbenzene	50.63	5.0	50	0	101	80-120	0			
Isopropylbenzene	46.06	5.0	50	0	92.1	80-120	0			
m,p-Xylene	93.3	10	100	0	93.3	80-120	0			
Methyl tert-butyl ether	54.02	5.0	50	0	108	75.8-123	0			
Methylene chloride	51.36	10	50	0	103	74.7-120	0			
n-Butylbenzene	46.73	5.0	50	0	93.5	80-120	0			
n-Propylbenzene	45.42	5.0	50	0	90.8	80-120	0			
Naphthalene	54.85	5.0	50	0	110	71.4-124	0			
o-Xylene	47.1	5.0	50	0	94.2	80-120	0			
sec-Butylbenzene	45.23	5.0	50	0	90.5	80-120	0			
Styrene	46.62	5.0	50	0	93.2	80-120	0			
Tetrachloroethene	47.33	5.0	50	0	94.7	80-120	0			

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia

QC BATCH REPORT

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

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45203 Instrument ID VOA2 Method: SW8260

MS		Sample ID: 0612318-02AMS			Units: µg/L			Analysis Date: 12/21/06 13:24		
Client ID: OCD-6		Run ID: VOA2_061221A			SeqNo: 1021258		Prep Date:		DF: 1	
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	43.41	5.0	50	0	86.8	79.6-120	0			
1,1,2,2-Tetrachloroethane	49.23	5.0	50	0	98.5	78.9-121	0			
1,1,2-Trichloroethane	46.97	5.0	50	0	93.9	80-120	0			
1,1-Dichloroethane	48.11	5.0	50	0	96.2	74.2-122	0			
1,1-Dichloroethene	43.11	5.0	50	0	86.2	75.8-122	0			
1,2,4-Trimethylbenzene	43.62	5.0	50	2.464	82.3	80-120	0			
1,2-Dibromoethane	49.76	5.0	50	0	99.5	80-120	0			
1,2-Dichloroethane	50.52	5.0	50	0	101	78.8-120	0			
1,2-Dichloropropane	49.61	5.0	50	0	99.2	80-120	0			
1,3,5-Trimethylbenzene	40.81	5.0	50	0	81.6	80-120	0			
2-Butanone	102.6	10	100	0	103	69.2-131	0			
2-Hexanone	114.5	10	100	0	115	59.1-135	0			
4-Isopropyltoluene	40.42	5.0	50	0	80.8	80-120	0			
4-Methyl-2-pentanone	117.2	10	100	0	117	71.6-124	0			
Acetone	127	10	100	26.5	101	60.1-141	0			
Benzene	59.15	5.0	50	0	118	80-120	0			
Bromodichloromethane	51.65	5.0	50	0	103	80-120	0			
Bromoform	50.16	5.0	50	0	100	78.1-120	0			
Bromomethane	33.41	5.0	50	0	66.8	52.8-147	0			
Carbon disulfide	88.27	10	100	0	88.3	78.8-120	0			
Carbon tetrachloride	38.37	5.0	50	0	76.7	76.8-120	0			S
Chlorobenzene	44.04	5.0	50	0	88.1	80-120	0			
Chloroethane	48.02	5.0	50	0	96	74.2-120	0			
Chloroform	47.51	5.0	50	0	95	80-120	0			
Chloromethane	41.95	5.0	50	0	83.9	63.5-133	0			
cis-1,2-Dichloroethene	47.47	5.0	50	0	94.9	80-120	0			
cis-1,3-Dichloropropene	51.54	5.0	50	0	103	80-120	0			
Dibromochloromethane	50.32	5.0	50	0	101	80-120	0			
Ethylbenzene	45.88	5.0	50	0	91.8	80-120	0			
Isopropylbenzene	41.44	5.0	50	0	82.9	80-120	0			
m,p-Xylene	84.95	10	100	0	84.9	80-120	0			
Methyl tert-butyl ether	62.65	5.0	50	0	125	75.8-123	0			S
Methylene chloride	50.52	10	50	0	101	74.7-120	0			
n-Butylbenzene	42.51	5.0	50	0	85	80-120	0			
n-Propylbenzene	39.98	5.0	50	0	80	80-120	0			S
Naphthalene	66.73	5.0	50	0	133	71.4-124	0			S
o-Xylene	45.13	5.0	50	0	90.3	80-120	0			
sec-Butylbenzene	40.66	5.0	50	0	81.3	80-120	0			
Styrene	37.37	5.0	50	0	74.7	80-120	0			S
Tetrachloroethene	40.89	5.0	50	0	81.8	80-120	0			

ND - Not Detected at the Reporting Limit

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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: 0612318
 Project: Artesia

QC BATCH REPORT

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

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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: 0612318
 Project: Artesia

QC BATCH REPORT

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

MSD Sample ID: **0612318-02AMSD** Units: **µg/L** Analysis Date: **12/21/06 13:49**
 Client ID: **OCD-6** Run ID: **VOA2_061221A** SeqNo: **1021259** Prep Date: DF: **1**

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

ND - Not Detected at the Reporting Limit

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: 0612318
 Project: Artesia

QC BATCH REPORT

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

The following samples were analyzed in this batch:

0612318-01A	0612318-02A	0612318-08A
0612318-22A	0612318-23A	0612318-24A
0612318-25A	0612318-26A	0612318-27A
0612318-28A	0612318-29A	0612318-30A

ND - Not Detected at the Reporting Limit

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O - Referenced analyte value is > 4 times amount spiked

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E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231 Instrument ID VOA2 Method: SW8260

MBLK Sample ID: VBLKW-061222 Units: µg/L Analysis Date: 12/22/06 14:13

Client ID: Run ID: VOA2_061222A SeqNo: 1022079 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

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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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: R45231		Instrument ID VOA2		Method: SW8260				
Toluene	ND	5.0						
trans-1,2-Dichloroethene	ND	5.0						
trans-1,3-Dichloropropene	ND	5.0						
Trichloroethene	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
Surr: 1,2-Dichloroethane-d4	49.56	5.0	50	0	99.1	70-125	0	
Surr: 4-Bromofluorobenzene	40.17	5.0	50	0	80.3	72.4-125	0	
Surr: Dibromofluoromethane	45.85	5.0	50	0	91.7	71.2-125	0	
Surr: Toluene-d8	44.29	5.0	50	0	88.6	75-125	0	

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

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CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231 Instrument ID VOA2 Method: SW8260

LCS		Sample ID: VLCSW-061222		Units: µg/L		Analysis Date: 12/22/06 13:22				
Client ID:		Run ID: VOA2_061222A		SeqNo: 1022077		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	53.89	5.0	50	0	108	79.6-120	0			
1,1,2,2-Tetrachloroethane	48.56	5.0	50	0	97.1	78.9-121	0			
1,1,2-Trichloroethane	46.44	5.0	50	0	92.9	80-120	0			
1,1-Dichloroethane	53.59	5.0	50	0	107	74.2-122	0			
1,1-Dichloroethene	52.33	5.0	50	0	105	75.8-122	0			
1,2,4-Trimethylbenzene	45.52	5.0	50	0	91	80-120	0			
1,2-Dibromoethane	49	5.0	50	0	98	80-120	0			
1,2-Dichloroethane	52.07	5.0	50	0	104	78.8-120	0			
1,2-Dichloropropane	48.55	5.0	50	0	97.1	80-120	0			
1,3,5-Trimethylbenzene	44.81	5.0	50	0	89.6	80-120	0			
2-Butanone	102.4	10	100	0	102	69.2-131	0			
2-Hexanone	107.3	10	100	0	107	59.1-135	0			
4-Isopropyltoluene	44.85	5.0	50	0	89.7	80-120	0			
4-Methyl-2-pentanone	104.4	10	100	0	104	71.6-124	0			
Acetone	118.7	10	100	0	119	60.1-141	0			
Benzene	48.48	5.0	50	0	97	80-120	0			
Bromodichloromethane	52.9	5.0	50	0	106	80-120	0			
Bromoform	50.58	5.0	50	0	101	78.1-120	0			
Bromomethane	46.83	5.0	50	0	93.7	52.8-147	0			
Carbon disulfide	106.5	10	100	0	107	78.8-120	0			
Carbon tetrachloride	47.05	5.0	50	0	94.1	76.8-120	0			
Chlorobenzene	46.07	5.0	50	0	92.1	80-120	0			
Chloroethane	53.68	5.0	50	0	107	74.2-120	0			
Chloroform	50.75	5.0	50	0	102	80-120	0			
Chloromethane	45.11	5.0	50	0	90.2	63.5-133	0			
cis-1,2-Dichloroethene	49.62	5.0	50	0	99.2	80-120	0			
cis-1,3-Dichloropropene	49.74	5.0	50	0	99.5	80-120	0			
Dibromochloromethane	50.61	5.0	50	0	101	80-120	0			
Ethylbenzene	51.09	5.0	50	0	102	80-120	0			
Isopropylbenzene	47.19	5.0	50	0	94.4	80-120	0			
m,p-Xylene	94.43	10	100	0	94.4	80-120	0			
Methyl tert-butyl ether	54.71	5.0	50	0	109	75.8-123	0			
Methylene chloride	53.61	10	50	0	107	74.7-120	0			
n-Butylbenzene	44.34	5.0	50	0	88.7	80-120	0			
n-Propylbenzene	44.37	5.0	50	0	88.7	80-120	0			
Naphthalene	52.04	5.0	50	0	104	71.4-124	0			
o-Xylene	47.84	5.0	50	0	95.7	80-120	0			
sec-Butylbenzene	43.88	5.0	50	0	87.8	80-120	0			
Styrene	48.11	5.0	50	0	96.2	80-120	0			
Tetrachloroethene	47.41	5.0	50	0	94.8	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231		Instrument ID VOA2		Method: SW8260			
Toluene	48.13	5.0	50	0	96.3	80-120	0
trans-1,2-Dichloroethene	51.92	5.0	50	0	104	75.9-122	0
trans-1,3-Dichloropropene	48.17	5.0	50	0	96.3	80-120	0
Trichloroethene	49.06	5.0	50	0	98.1	80-120	0
Vinyl chloride	50.01	2.0	50	0	100	76.2-121	0
Xylenes, Total	142.3	15	150	0	94.8	80-120	0
Surr: 1,2-Dichloroethane-d4	50.71	5.0	50	0	101	70-125	0
Surr: 4-Bromofluorobenzene	47.23	5.0	50	0	94.5	72.4-125	0
Surr: Dibromofluoromethane	47.82	5.0	50	0	95.6	71.2-125	0
Surr: Toluene-d8	43.49	5.0	50	0	87	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231 Instrument ID VOA2 Method: SW8260

MS	Sample ID: 0612318-05AMS				Units: µg/L			Analysis Date: 12/22/06 16:18		
Client ID: MW-2A		Run ID: VOA2_061222A			SeqNo: 1022086		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	49.73	5.0	50	0	99.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	52.78	5.0	50	0	106	78.9-121	0			
1,1,2-Trichloroethane	48.04	5.0	50	0	96.1	80-120	0			
1,1-Dichloroethane	49.16	5.0	50	0	98.3	74.2-122	0			
1,1-Dichloroethene	46.58	5.0	50	0	93.2	75.8-122	0			
1,2,4-Trimethylbenzene	32.66	5.0	50	0	65.3	80-120	0			S
1,2-Dibromoethane	49.89	5.0	50	0	99.8	80-120	0			
1,2-Dichloroethane	51.89	5.0	50	0	104	78.8-120	0			
1,2-Dichloropropane	47.9	5.0	50	0	95.8	80-120	0			
1,3,5-Trimethylbenzene	38.17	5.0	50	0	76.3	80-120	0			S
2-Butanone	113.4	10	100	0	113	69.2-131	0			
2-Hexanone	134.4	10	100	0	134	59.1-135	0			
4-Isopropyltoluene	39.92	5.0	50	0	79.8	80-120	0			S
4-Methyl-2-pentanone	137.9	10	100	0	138	71.6-124	0			S
Acetone	129	10	100	0	129	60.1-141	0			
Benzene	47.79	5.0	50	0.4403	94.7	80-120	0			
Bromodichloromethane	52.01	5.0	50	0	104	80-120	0			
Bromoform	50.61	5.0	50	0	101	78.1-120	0			
Bromomethane	41.03	5.0	50	0	82.1	52.8-147	0			
Carbon disulfide	94.86	10	100	0	94.9	78.8-120	0			
Carbon tetrachloride	45.58	5.0	50	0	91.2	76.8-120	0			
Chlorobenzene	43.44	5.0	50	0	86.9	80-120	0			
Chloroethane	49.75	5.0	50	0	99.5	74.2-120	0			
Chloroform	48.58	5.0	50	0	97.2	80-120	0			
Chloromethane	41.83	5.0	50	0	83.7	63.5-133	0			
cis-1,2-Dichloroethene	47.33	5.0	50	0	94.7	80-120	0			
cis-1,3-Dichloropropene	47.99	5.0	50	0	96	80-120	0			
Dibromochloromethane	49.58	5.0	50	0	99.2	80-120	0			
Ethylbenzene	46.22	5.0	50	0	92.4	80-120	0			
Isopropylbenzene	41.88	5.0	50	0	83.8	80-120	0			
m,p-Xylene	83.71	10	100	0	83.7	80-120	0			
Methyl tert-butyl ether	59.1	5.0	50	0	118	75.8-123	0			
Methylene chloride	51.22	10	50	0	102	74.7-120	0			
n-Butylbenzene	41.82	5.0	50	0	83.6	80-120	0			
n-Propylbenzene	39.7	5.0	50	0	79.4	80-120	0			S
Naphthalene	56.51	5.0	50	0	113	71.4-124	0			
o-Xylene	43.23	5.0	50	0	86.5	80-120	0			
sec-Butylbenzene	40.74	5.0	50	0	81.5	80-120	0			
Styrene	21.74	5.0	50	0	43.5	80-120	0			S
Tetrachloroethene	42.97	5.0	50	0	85.9	80-120	0			

ND - Not Detected at the Reporting Limit

I - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231	Instrument ID VOA2		Method: SW8260				
Toluene	46.01	5.0	50	0	92	80-120	0
trans-1,2-Dichloroethene	47.93	5.0	50	0	95.9	75.9-122	0
trans-1,3-Dichloropropene	48.27	5.0	50	0	96.5	80-120	0
Trichloroethene	46.86	5.0	50	0	93.7	80-120	0
Vinyl chloride	47.07	2.0	50	0	94.1	76.2-121	0
Xylenes, Total	126.9	15	150	0	84.6	80-120	0
Surr: 1,2-Dichloroethane-d4	47.07	5.0	50	0	94.1	70-125	0
Surr: 4-Bromofluorobenzene	45.32	5.0	50	0	90.6	72.4-125	0
Surr: Dibromofluoromethane	46.27	5.0	50	0	92.5	71.2-125	0
Surr: Toluene-d8	41.53	5.0	50	0	83.1	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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0612318-05AMSD Units: µg/L Analysis Date: 12/22/06 16:43
 Client ID: MW-2A Run ID: VOA2_061222A SeqNo: 1022088 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	49.49	5.0	50	0	99	79.6-120	49.73	0.486	20	
1,1,2,2-Tetrachloroethane	54.44	5.0	50	0	109	78.9-121	52.78	3.11	20	
1,1,2-Trichloroethane	49.94	5.0	50	0	99.9	80-120	48.04	3.89	20	
1,1-Dichloroethane	50.46	5.0	50	0	101	74.2-122	49.16	2.61	20	
1,1-Dichloroethene	47.69	5.0	50	0	95.4	75.8-122	46.58	2.35	20	
1,2,4-Trimethylbenzene	34.49	5.0	50	0	69	80-120	32.66	5.46	20	S
1,2-Dibromoethane	52.12	5.0	50	0	104	80-120	49.89	4.38	20	
1,2-Dichloroethane	52.71	5.0	50	0	105	78.8-120	51.89	1.56	20	
1,2-Dichloropropane	49.85	5.0	50	0	99.7	80-120	47.9	3.97	20	
1,3,5-Trimethylbenzene	39.86	5.0	50	0	79.7	80-120	38.17	4.32	20	S
2-Butanone	121.1	10	100	0	121	69.2-131	113.4	6.59	20	
2-Hexanone	158.3	10	100	0	158	59.1-135	134.4	16.3	20	S
4-Isopropyltoluene	39.98	5.0	50	0	80	80-120	39.92	0.161	20	S
4-Methyl-2-pentanone	146.2	10	100	0	146	71.6-124	137.9	5.83	20	S
Acetone	138.1	10	100	0	138	60.1-141	129	6.85	20	
Benzene	48.53	5.0	50	0.4403	96.2	80-120	47.79	1.55	20	
Bromodichloromethane	52.46	5.0	50	0	105	80-120	52.01	0.866	20	
Bromoform	54.13	5.0	50	0	108	78.1-120	50.61	6.73	20	
Bromomethane	45.62	5.0	50	0	91.2	52.8-147	41.03	10.6	20	
Carbon disulfide	95.94	10	100	0	95.9	78.8-120	94.86	1.13	20	
Carbon tetrachloride	43.73	5.0	50	0	87.5	76.8-120	45.58	4.14	20	
Chlorobenzene	44.82	5.0	50	0	89.6	80-120	43.44	3.13	20	
Chloroethane	50.62	5.0	50	0	101	74.2-120	49.75	1.75	20	
Chloroform	49.03	5.0	50	0	98.1	80-120	48.58	0.926	20	
Chloromethane	42.85	5.0	50	0	85.7	63.5-133	41.83	2.4	20	
cis-1,2-Dichloroethene	48.26	5.0	50	0	96.5	80-120	47.33	1.95	20	
cis-1,3-Dichloropropene	49.1	5.0	50	0	98.2	80-120	47.99	2.29	20	
Dibromochloromethane	51.25	5.0	50	0	102	80-120	49.58	3.3	20	
Ethylbenzene	48.12	5.0	50	0	96.2	80-120	46.22	4.01	20	
Isopropylbenzene	42.83	5.0	50	0	85.7	80-120	41.88	2.23	20	
m,p-Xylene	86.84	10	100	0	86.8	80-120	83.71	3.66	20	
Methyl tert-butyl ether	61.36	5.0	50	0	123	75.8-123	59.1	3.75	20	
Methylene chloride	51.86	10	50	0	104	74.7-120	51.22	1.24	20	
n-Butylbenzene	41.49	5.0	50	0	83	80-120	41.82	0.805	20	
n-Propylbenzene	40.95	5.0	50	0	81.9	80-120	39.7	3.1	20	
Naphthalene	63.99	5.0	50	0	128	71.4-124	56.51	12.4	20	S
o-Xylene	44.23	5.0	50	0	88.5	80-120	43.23	2.29	20	
sec-Butylbenzene	40.32	5.0	50	0	80.6	80-120	40.74	1.04	20	
Styrene	23.01	5.0	50	0	46	80-120	21.74	5.67	20	S
Tetrachloroethene	44.56	5.0	50	0	89.1	80-120	42.97	3.62	20	

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45231	Instrument ID VOA2			Method: SW8260					
Toluene	47.21	5.0	50	0	94.4	80-120	46.01	2.57	20
trans-1,2-Dichloroethene	48.55	5.0	50	0	97.1	75.9-122	47.93	1.29	20
trans-1,3-Dichloropropene	50.3	5.0	50	0	101	80-120	48.27	4.12	20
Trichloroethene	48.3	5.0	50	0	96.6	80-120	46.86	3.03	20
Vinyl chloride	47.78	2.0	50	0	95.6	76.2-121	47.07	1.49	20
Xylenes, Total	131.1	15	150	0	87.4	80-120	126.9	3.2	20
Surr: 1,2-Dichloroethane-d4	47.82	5.0	50	0	95.6	70-125	47.07	1.58	20
Surr: 4-Bromofluorobenzene	46.44	5.0	50	0	92.9	72.4-125	45.32	2.45	20
Surr: Dibromofluoromethane	46.33	5.0	50	0	92.7	71.2-125	46.27	0.127	20
Surr: Toluene-d8	42.81	5.0	50	0	85.6	75-125	41.53	3.03	20

The following samples were analyzed in this batch:

0612318-03A	0612318-04A	0612318-05A
0612318-06A	0612318-07A	0612318-09A
0612318-10A	0612318-11A	0612318-12A
0612318-13A	0612318-14A	0612318-15A
0612318-16A	0612318-17A	0612318-18A
0612318-19A	0612318-20A	0612318-21A

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: **R44959** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-121606** Units: **pH units** Analysis Date: **12/16/06 0:00**

Client ID: Run ID: **WETCHEM_061216C** SeqNo: **1016268** 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: **0612318-01EDUP** Units: **pH units** Analysis Date: **12/16/06 0:00**

Client ID: **OCD-7A** Run ID: **WETCHEM_061216C** SeqNo: **1016283** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.98	0.10	0	0	0	0-0	6.99	0.143	20	H

The following samples were analyzed in this batch:

0612318-01E	0612318-02E	0612318-03E
0612318-04E	0612318-05E	0612318-06E
0612318-07E	0612318-08E	0612318-09E
0612318-10E	0612318-11E	0612318-12E
0612318-13E	0612318-14E	

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: **R44960** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **LCS-R44960** Units: **pH units** Analysis Date: **12/16/06 0:00**
Client ID: Run ID: **WETCHEM_061216D** SeqNo: **1016285** 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: **0612318-15EDUP** Units: **pH units** Analysis Date: **12/16/06 0:00**
Client ID: **Laure Well** Run ID: **WETCHEM_061216D** SeqNo: **1016293** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
pH	6.93	0.10	0	0	0	0-0	6.91	0.289	20	

The following samples were analyzed in this batch:

0612318-15E	0612318-16E	0612318-17E
0612318-18E	0612318-19E	0612318-20E
0612318-21E		

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: **R45056** Instrument ID **Balance1** Method: **E160.1**

MBLK Sample ID: **BLK** Units: **mg/L** Analysis Date: **12/18/06 0:00**

Client ID: Run ID: **BALANCE1_061218E** SeqNo: **1018491** Prep Date: DF: **1**

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

LCS Sample ID: **LCS** Units: **mg/L** Analysis Date: **12/18/06 0:00**

Client ID: Run ID: **BALANCE1_061218E** SeqNo: **1018492** 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	944	10	1000	0	94.4	85-115	0			

DUP Sample ID: **0612318-01EDUP** Units: **mg/L** Analysis Date: **12/18/06 0:00**

Client ID: **OCD-7A** Run ID: **BALANCE1_061218E** SeqNo: **1018472** 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	8660	10	0	0	0	0-0	8592	0.788	20	

The following samples were analyzed in this batch:

0612318-01E	0612318-02E	0612318-03E
0612318-04E	0612318-05E	0612318-06E
0612318-07E	0612318-08E	0612318-09E
0612318-10E	0612318-11E	0612318-12E
0612318-13E	0612318-14E	0612318-15E
0612318-16E	0612318-17E	0612318-18E
0612318-19E	0612318-21E	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
Work Order: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: R45100 Instrument ID Balance1 Method: E160.1

MBLK Sample ID: BLANK Units: mg/L Analysis Date: 12/19/06 0:00

Client ID: Run ID: BALANCE1_061219D SeqNo: 1019340 Prep Date: DF: 1

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

LCS Sample ID: LCS Units: mg/L Analysis Date: 12/19/06 0:00

Client ID: Run ID: BALANCE1_061219D SeqNo: 1019341 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	994	10	1000	0	99.4	85-115	0			

DUP Sample ID: 0612352-02ADUP Units: mg/L Analysis Date: 12/19/06 0:00

Client ID: Run ID: BALANCE1_061219D SeqNo: 1019339 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	1363	10	0	0	0	0-0	1322	3.05	20	

The following samples were analyzed in this batch:

0612318-20E

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: **R45243** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-122006** Units: **mg/L** Analysis Date: **12/23/06 23:20**

Client ID: Run ID: **IC201_061223A** SeqNo: **1022469** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	ND	0.50								
Fluoride	ND	0.10								
Sulfate	ND	1.0								
Surr: Selenate (surr)	4.508	0.10	5	0	90.2	85-115	0			

LCS Sample ID: **WLCSW1-364-40-** Units: **mg/L** Analysis Date: **12/23/06 23:42**

Client ID: Run ID: **IC201_061223A** SeqNo: **1022470** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.62	0.50	20	0	103	90-110	0			
Fluoride	3.963	0.10	4	0	99.1	90-110	0			
Sulfate	19.65	1.0	20	0	98.3	90-110	0			
Surr: Selenate (surr)	4.845	0.10	5	0	96.9	85-115	0			

MS Sample ID: **0612264-23DMS** Units: **mg/L** Analysis Date: **12/24/06 2:59**

Client ID: Run ID: **IC201_061223A** SeqNo: **1022503** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	297.4	5.0	100	204.7	92.7	80-120	0			
Fluoride	21.21	1.0	20	2.072	95.7	80-120	0			
Sulfate	1643	10	100	1592	51.2	80-120	0			SEO
Surr: Selenate (surr)	45.99	1.0	50	0	92	80-120	0			

MSD Sample ID: **0612264-23DMSD** Units: **mg/L** Analysis Date: **12/24/06 3:21**

Client ID: Run ID: **IC201_061223A** SeqNo: **1022514** Prep Date: DF: **10**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	298.5	5.0	100	204.7	93.7	80-120	297.4	0.342	20	
Fluoride	21.1	1.0	20	2.072	95.1	80-120	21.21	0.52	20	
Sulfate	1646	10	100	1592	53.9	80-120	1643	0.168	20	SEO
Surr: Selenate (surr)	45.89	1.0	50	0	91.8	80-120	45.99	0.205	20	

ND - Not Detected at the Reporting Limit

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: R45243 Instrument ID IC201 Method: E300

DUP		Sample ID: 0612264-23DDUP		Units: mg/L				Analysis Date: 12/24/06 2:37		
Client ID:		Run ID: IC201_061223A		SeqNo: 1022502		Prep Date:		DF: 10		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	204.4	5.0	0	0	0	0-0	204.7	0.16	20	
Fluoride	1.963	1.0	0	0	0	0-0	2.072	5.4	20	
Sulfate	1578	10	0	0	0	0-0	1592	0.865	20	E
Surr: Selenate (surr)	45.97	1.0	50	0	91.9	80-120	46.13	0.337	20	

DUP		Sample ID: 0612264-23DDUP		Units: mg/L				Analysis Date: 12/24/06 5:10		
Client ID:		Run ID: IC201_061223A		SeqNo: 1022522		Prep Date:		DF: 50		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	193.2	25	0	0	0	0-0	194.7	0.768	20	
Fluoride	1.985	5.0	0	0	0	0-0	2.045	0	20	J
Sulfate	1575	50	0	0	0	0-0	1585	0.603	20	
Surr: Selenate (surr)	228.5	5.0	250	0	91.4	80-120	228.3	0.0744	20	

The following samples were analyzed in this batch:

0612318-01E	0612318-02E	0612318-03E
0612318-04E	0612318-05E	0612318-06E
0612318-07E	0612318-08E	0612318-09E
0612318-10E	0612318-11E	0612318-12E
0612318-13E	0612318-14E	0612318-15E

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: R45253 Instrument ID IC201 Method: E300

MBLK Sample ID: WBLKW1-122406 Units: mg/L Analysis Date: 12/25/06 3:27

Client ID: Run ID: IC201_061224A SeqNo: 1022823 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)	4.755	0.10	5	0	95.1	85-115	0			

LCS Sample ID: WLCSW1-364-40- Units: mg/L Analysis Date: 12/25/06 3:49

Client ID: Run ID: IC201_061224A SeqNo: 1022824 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.85	0.50	20	0	104	90-110	0			
Fluoride	4.088	0.10	4	0	102	90-110	0			
Sulfate	19.74	1.0	20	0	98.7	90-110	0			
Surr: Selenate (surr)	4.845	0.10	5	0	96.9	85-115	0			

MS Sample ID: 0612394-17AMS Units: mg/L Analysis Date: 12/25/06 11:51

Client ID: Run ID: IC201_061224A SeqNo: 1022812 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	85.3	2.5	50	36.62	97.4	80-120	0			
Fluoride	11.85	0.50	10	2.502	93.4	80-120	0			
Sulfate	4737	5.0	50	4773	-72.4	80-120	0			SEO
Surr: Selenate (surr)	24.71	0.50	25	0	98.8	80-120	0			

MSD Sample ID: 0612394-17AMSD Units: mg/L Analysis Date: 12/25/06 12:13

Client ID: Run ID: IC201_061224A SeqNo: 1022814 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	85.15	2.5	50	36.62	97.1	80-120	85.3	0.175	20	
Fluoride	12.26	0.50	10	2.502	97.6	80-120	11.85	3.43	20	
Sulfate	4759	5.0	50	4773	-27.1	80-120	4737	0.477	20	SEO
Surr: Selenate (surr)	24.72	0.50	25	0	98.9	80-120	24.71	0.0283	20	

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: **R45253** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0612394-17ADUP** Units: **mg/L** Analysis Date: **12/25/06 11:29**

Client ID: Run ID: **IC201_061224A** SeqNo: **1022810** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	36.37	2.5	0	0	0	0-0	36.62	0.707	20	
Fluoride	2.527	0.50	0	0	0	0-0	2.502	0.994	20	
Sulfate	4803	5.0	0	0	0	0-0	4773	0.635	20	E
Surr: Selenate (surr)	24.61	0.50	25	0	98.4	80-120	24.57	0.175	20	

The following samples were analyzed in this batch:

0612318-16E	0612318-17E	0612318-18E
0612318-19E	0612318-20E	0612318-21E

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: **R45268** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-R45268** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226E** SeqNo: **1023083** 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-R45268** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226E** SeqNo: **1023084** 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: **0612319-04DDUP** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226E** SeqNo: **1023105** 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)	412	5.0	0	0	0	0-0	417.2	1.26	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)	412	5.0	0	0	0	0-0	417.2	1.26	20	

The following samples were analyzed in this batch:

0612318-01E	0612318-02E	0612318-03E
0612318-04E	0612318-05E	0612318-06E
0612318-07E	0612318-08E	0612318-09E
0612318-10E	0612318-11E	0612318-12E
0612318-13E	0612318-14E	0612318-15E
0612318-16E	0612318-17E	

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: 0612318
Project: Artesia

QC BATCH REPORT

Batch ID: **R45271** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-122606** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226F** SeqNo: **1023145** 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: **WLCSW1-122606** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226F** SeqNo: **1023146** Prep Date: DF: **1**

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

DUP Sample ID: **0612318-18EDUP** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: **NP-5** Run ID: **WETCHEM_061226F** SeqNo: **1023167** 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)	295.1	5.0	0	0	0	0-0	295.1	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)	295.1	5.0	0	0	0	0-0	295.1	0	20	

The following samples were analyzed in this batch:

0612318-18E	0612318-19E	0612318-20E
0612318-21E		

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: **R45294** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-122606** Units: **mg/L** Analysis Date: **12/26/06 6:53**

Client ID: Run ID: **IC201_061226A** SeqNo: **1023514** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	ND	0.10								
Surr: Selenate (surr)	5.911	0.10	5	0	118	85-115	0			S

LCS Sample ID: **WLCSW1-364-40-** Units: **mg/L** Analysis Date: **12/26/06 7:15**

Client ID: Run ID: **IC201_061226A** SeqNo: **1023515** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	8.296	0.10	8	0	104	90-110	0			
Surr: Selenate (surr)	4.691	0.10	5	0	93.8	85-115	0			

MS Sample ID: **0612318-04DMS** Units: **mg/L** Analysis Date: **12/26/06 10:32**

Client ID: **MW-6A** Run ID: **IC201_061226A** SeqNo: **1023491** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	17.1	0.50	20	0	85.5	80-120	0			
Surr: Selenate (surr)	24.1	0.50	25	0	96.4	80-120	0			

MSD Sample ID: **0612318-04DMSD** Units: **mg/L** Analysis Date: **12/26/06 10:54**

Client ID: **MW-6A** Run ID: **IC201_061226A** SeqNo: **1023492** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	16.94	0.50	20	0	84.7	80-120	17.1	0.993	20	
Surr: Selenate (surr)	24.03	0.50	25	0	96.1	80-120	24.1	0.278	20	

DUP Sample ID: **0612318-04DDUP** Units: **mg/L** Analysis Date: **12/26/06 10:10**

Client ID: **MW-6A** Run ID: **IC201_061226A** SeqNo: **1023490** Prep Date: DF: **5**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Nitrate/Nitrite (as N)	ND	0.50	0	0	0	0-0	0	0	20	
Surr: Selenate (surr)	24.08	0.50	25	0	96.3	80-120	23.83	1.03	20	

The following samples were analyzed in this batch:

0612318-01D	0612318-02D	0612318-03D
0612318-04D	0612318-05D	0612318-06D
0612318-07D	0612318-08D	0612318-09D
0612318-10D	0612318-11D	0612318-12D
0612318-13D	0612318-14D	0612318-15D
0612318-16D		

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: 0612318
 Project: Artesia

QC BATCH REPORT

Batch ID: **R45366** Instrument ID **IC201** Method: **E300**

MBLK	Sample ID: WBLKW1-122706/				Units: mg/L			Analysis Date: 12/27/06 14:29		
Client ID:	Run ID: IC201_061227A				SeqNo: 1025013		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)	5.77	0.10	5	0	115	85-115	0			S

LCS	Sample ID: WLC5W1-364-41-				Units: mg/L			Analysis Date: 12/27/06 14:50		
Client ID:	Run ID: IC201_061227A			SeqNo: 1025014		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)	8.205	0.10	8	0	103	90-110	0			
Surr: Selenate (surr)	4.786	0.10	5	0	95.7	85-115	0			

MS	Sample ID: 0612374-02BMS					Units: mg/L		Analysis Date: 12/27/06 16:18		
Client ID:	Run ID: IC201_061227A				SeqNo: 1025018		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)	20.01	0.50	20	1.004	95	80-120		0		
Surr: Selenate (surr)	25.34	0.50	25	0	101	80-120		0		

MSD	Sample ID: 0612374-02BMSD				Units: mg/L			Analysis Date: 12/27/06 16:40		
Client ID:	Run ID: IC201_061227A				SeqNo: 1025019		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)	19.88	0.50	20	1.004	94.4	80-120	20.01	0.652	20	
Surr: Selenate (surr)	25.09	0.50	25	0	100	80-120	25.34	1	20	

DUP	Sample ID: 0612374-02BDUP					Units: mg/L		Analysis Date: 12/27/06 15:56		
Client ID:	Run ID: IC201_061227A				SeqNo: 1025017		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)	1.007	0.50	0	0	0	0-0	1.004	0.298	20	
Surr: Selenate (surr)	25.99	0.50	25	0	104	80-120	26.11	0.476	20	

The following samples were analyzed in this batch:

0612318-17D	0612318-18D	0612318-19D
0612318-20D	0612318-21D	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

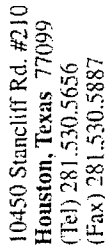
R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range



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Holland, Michigan 49424
(Tel) 616.399.6070
(Fax) 616.399.6185

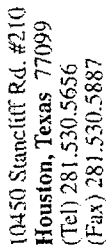
Page 1 of 3

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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.

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Page 2 of 3

Customer Information				Project Information				Parameter/Method Request for Analysis								
Purchase Order	Project Name	Artesia	A	VOC (8280) Select	e-Lab Project Manager:	e-Lab Work Order #:	0612318									
Work Order	Project Number	Artesia	B	GRO (8015M)												
Company Name	Bill To Company	Navajo Refining Company	C	DRO (8015M)												
Send Report To	Invoice Attn	Darrell Moore	D	Total Metals (8020/7000) Select												
Address	Address	PO Box 159	E	Anions (300): Cl, F, SO ₄ , NO ₃ , NO ₄												
City/State/Zip	City/State/Zip	Artesia, NM 88211	F	Alkalinity												
Phone	Phone	(505) 748-3311	G	TDS												
Fax	Fax	(505) 748-5421	H													
e-Mail Address	e-Mail Address		I													
			J													
Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold
MW-70	12-14-06	1508	H2O	12,3,8	11	X	X	X	X	X	X	X	X			
MW-10	12-14-06	1610	H2O	12,3,8	11	X	X	X	X	X	X	X	X			
MW-22A	12-14-06	1620	H2O	12,3,8	11	X	X	X	X	X	X	X	X			
KWB-12A	12-15-06	0955	H2O	12,3,8	8	X		X	X	X	X	X	X			
LOVE WELL	12-15-06	0940	H2O	12,3,8	6	X			X	X	X	X	X			
KWB-9	12-15-06	1020	H2O	12,3,8	8	X		X	X	X	X	X	X			
MW-27	12-15-06	1050	H2O	12,3,8	8	X		X	X	X	X	X	X			
NP-5	12-15-06	1120	H2O	12,3,8	8	X		X	X	X	X	X	X			
MW-68	12-15-06	1140	H2O	12,3,8	8	X		X	X	X	X	X	X			
KWB-P2	12-15-06	1225	H2O	12,3,8	8	X		X	X	X	X	X	X			

Shipment Method: **FEDEX**

Required Turnaround Time: (Check Box)

☒ 5 WK Days ☐ 2 WK Days ☐ 24-Hour

Results Due Date: _____

Notes: 10 Day TAT.

Customer Information

Project Name: Artesia

Project Number: _____

Bill To Company: Navajo Refining Company

Invoice Attn: Darrell Moore

Address: PO Box 159

City/State/Zip: Artesia, NM 88211

Phone: (505) 748-3311

Fax: (505) 748-5421

e-Mail Address: _____

Project Information

Project Name: Artesia

Project Number: _____

Bill To Company: Navajo Refining Company

Invoice Attn: Darrell Moore

Address: PO Box 159

City/State/Zip: Artesia, NM 88211

Phone: (505) 748-3311

Fax: (505) 748-5421

e-Mail Address: _____

Parameter/Method Request for Analysis

VOC (8280) Select

GRO (8015M)

DRO (8015M)

Total Metals (8020/7000) Select

Anions (300): Cl, F, SO₄, NO₃, NO₄

Alkalinity

TDS

Sample(s) Please Print & Sign

Signature: *[Signature]*

Date: 12-15-06

Time: 1355

Received by:

Signature: *[Signature]*

Date: 12-16-06

Time: 0815

Requisitioned by:

Signature: *[Signature]*

Date: 12-15-06

Time: 1355

Requisitioned by:

Signature: *[Signature]*

Date: 12-15-06

Time: 1355

Preservative Key: 1-HCl 2-HNO₃ 3-H₂SO₄ 4-NaOH 5-Na₂S₂O₃ 6-NaHSO₄ 7-Other 8-4°C 9-5035

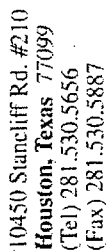
QC Package: (Check One Box Below)

☒ Level II Std QC ☐ Level III Std QC/Raw Data ☐ Level IV SW846/CLP ☐ Other

Note: 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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Page 5 of 3

Customer Information						Project Information							e-Lab Project Manager:		e-Lab Work Order #:		
Purchase Order		Project Name	Artesia													Parameter/Method Request for Analysis	
Work Order		Project Number														VOC (8260) Select	
Company Name	Navajo Refining Company	Bill To Company	Navajo Refining Company													GRO (8015M)	
Send Report To	Darrell Moore	Invoice Attn	Darrell Moore													DRO (8015M)	
Address	PO Box 159	Address	PO Box 159													Total Metals (8020/7000) Select	
City/State/Zip	Artesia, NM 88211	City/State/Zip	Artesia, NM 88211													Anions (300): Cl, F, SO ₄ , NO ₃ , NO ₄	
Phone	(505) 748-3311	Phone	(505) 748-3311													Alkalinity CO ₃ , HCO ₃ , PH	
Fax	(505) 746-5421	Fax	(505) 746-5421													TDS	
e-Mail Address		e-Mail Address															
Sample Description	Date	Time	Matrix	Pres.	# Bottles	A	B	C	D	E	F	G	H	I	J	Hold	
1 Duplicate #3	12-14-06	1545	H2O	1,2,3,4	11	X	X	X	X	X	X	X					
2 Equipment Blank	12-15-06	1154	H2O	1,8	3	X											
3 Equipment Blank	12-14-06	1535	H2O	1,8	3	X											
4 Field Blank	12-15-06	1156	H2O	1,8	3	X											
5 Field Blank	12-15-06																
6 (6) Field Trips	12-15-06																
7																	
8																	
9																	
0																	

QC Packages (Check One Box Below)

☒ Level II Std QC ☐ TRRP Checklist I

☐ Level III Std QC Raw Data ☐ TRRP Level IV

☐ Level IV SW846/CLP ☐ Other _____

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Sample Receipt Checklist

Client Name NAVAJO REFININGDate/Time Received: 12/16/2006 8:40:00 AMWork Order Number 0612318Received by: RSZ

Checklist completed by


Signature12/16/06
Date

Reviewed by

LT 12/18/2006
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):

2,7,3,2,3,4,2,6,3,5

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

6 Trip blanks received and not assigned for analysis. No time noted for Dup 3. MW7A has 1 broken voa vial for volatiles and 1 broken voa vial for GRO.

MW-2 not labeled but labeled @ MW2
by process of elimination
2 broken vials for OCD-7A
1 broken vial for OCD-6

Client contacted:

Date contacted:

Person contacted:

Contacted by:

Regarding:

Comments:

Corrective Action:

ORIGIN ID: ROWA (505) /48-3311
NAVAJO REFINING
NAVAJO REFINING COMPANY
501 E. MAIN STREET

Ship Date: 15DEC06
Actwt: 65.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

ARTESIA, NM 88210
UNITED STATES US

SAMPLE RECEIVING

ELAB

10450 STANCLIFF

HOUSTON, TX 77099

(281) 530-5656

FedEx
Express



CL5490106/21/22

Delivery Address
Barcode

BILL RECIPIENT

PRIORITY SATURDAY

TRK# 9046 7990 4949

Form
0201

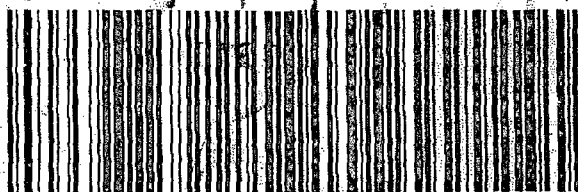
Deliver By
16DEC06

IAH

A2

77099 -TX-US

X0 JGQA



Part # 156148-3
NRT 9-05

FedEx
EXPRESS

SDR

FedEx
Express

FedEx® Saturday Delivery

151967 REV. 10/04 MW

06123378

ORIGIN ID: ROWA (505) /48-3311
NAVAJO REFINING
NAVAJO REFINING COMPANY
501 E. MAIN STREET

ARTESIA, NM 88210
UNITED STATES US

TO SAMPLE RECEIVING

ELAB

10450 STANCLIFF

Ship Date: 15DEC06
Actwt: 70.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

(281) 530-5656

FedEx
Express



Delivery Address
Barcode

BILL RECIPIENT

PRIORITY SATURDAY

TRK# 9046 7990 4971

Form
0201

Deliver
16DEC06

IAH

A2

77099 -TX-US

X0 JGQA



Part # 156148-3
NRT 9-05

156148-3
NRT 9-05

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EXPRESS

SDI

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Express

SDI

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Houston, Texas 77099

Tel. 281.530.5656

Fax. 218.530.5887

Date:

Name:

Company:

CUSTODY SEAL

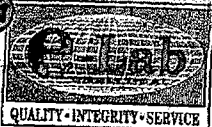
12-15-06 Time: 1355

Jose Jerry

S.E.S.I

Seal Broken By:

12-16-06



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

12-15-06 Time: 1355

Jose Jerry

S.E.S.I

Seal Broken By:

12-16-06

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

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 15DEC06
ActWgt: 70.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

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

ARTESIA, NM 88210
UNITED STATES US

Ship Date: 15DEC06
ActWgt: 70.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

TO SAMPLE RECEIVING

ELAB

10450 STANCLIFF

HOUSTON, TX 77099

(281) 530-5656

FedEx
Express



TO SAMPLE RECEIVING

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10450 STANCLIFF

HOUSTON, TX 77099

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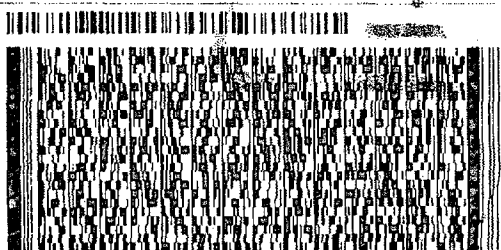


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INV:
PO:

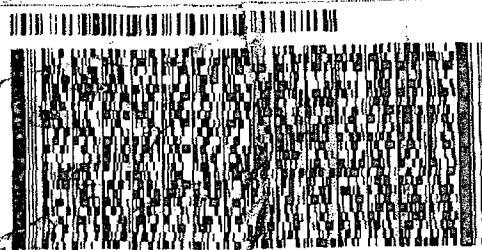
Dept:

Ref:
INV:
PO:

Dept:



Delivery Address
Barcode



Delivery Address
Barcode

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BILL RECIPIENT

PRIORITY SATURDAY

Deliver By:
16DEC06

TRK# 9046 7990 4950 Form 0201

IAH A2

77099 -TX-US

X0 JGQA

PRIORITY SATURDAY

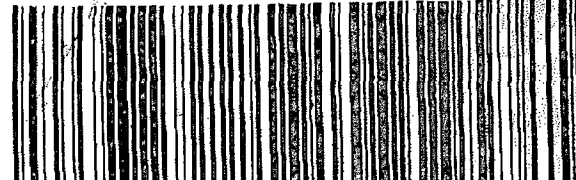
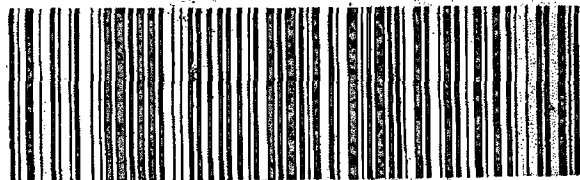
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16DEC06

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X0 JGQA



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e-Lab Analytical, Inc.

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

Date: 12

Name:

Company:

CUSTODY SEAL

12-15-06 Time: 1355
3052 JGQA
3052

Seal Broken By:

12-16-06



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

12-15-06 Time: 1355
3052 JGQA
3052

Seal Broken By:

12-16-06

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

Ship Date: 15DEC06
ActWgt: 12.0 LB MAN
System#: 185697/CAFE2328
Account: S 113684186

662318

ARTESIA, NM 88210
UNITED STATES US

TO SAMPLE RECEIVING

ELAB
10450 STANCLIFF

HOUSTON, TX 77099

(281) 530-5656

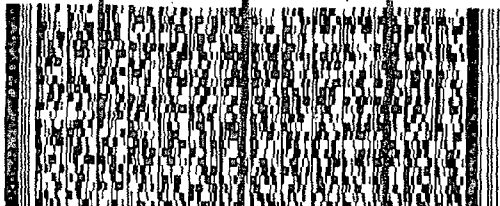
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CL588106/21/22

Ref:
INV:
PO:

Dept:



Delivery Address
Barcode

BILL RECIPIENT

PRIORITY SATURDAY

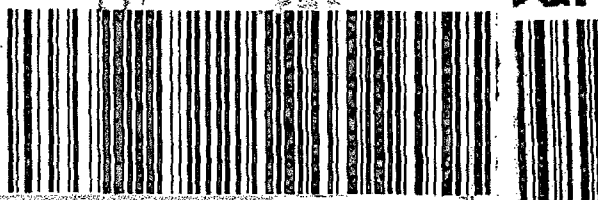
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Deliver By:
16DEC06

LAH A2

77099 -TX-US

X0-JCQA



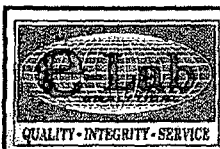
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e-Lab Analytical, Inc.
10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.535
Fax. 281.530.537

Date: 12-15
Name: [Signature]
Company: [Signature]

CUSTODY SEAL

Date: 12-15 Time: 1355
392 Jerry
S.E. 32

Broken By
B
Date: 12-16-06





e-Lab Analytical, Inc.

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

January 05, 2007

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 : **0612374**

Dear Darrell Moore,

e-Lab Analytical, Inc. received 25 samples on 12/20/2006 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 110

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: January 05, 2007

CLIENT: Navajo Refining Company

Project: Navajo Artesia

Work Order: 0612374

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>
0612374-01	NCL-49	Water		12/18/2006 09:49	12/20/2006 09:10	☐
0612374-02	MW-54A	Water		12/18/2006 10:28	12/20/2006 09:10	☐
0612374-03	MW-53	Water		12/18/2006 10:50	12/20/2006 09:10	☐
0612374-04	KWB-3R	Water		12/18/2006 11:21	12/20/2006 09:10	☐
0612374-05	KWB-11A	Water		12/18/2006 12:25	12/20/2006 09:10	☐
0612374-06	MW-8	Water		12/18/2006 14:10	12/20/2006 09:10	☐
0612374-07	MW-21	Water		12/18/2006 14:25	12/20/2006 09:10	☐
0612374-08	NP-6	Water		12/18/2006 14:55	12/20/2006 09:10	☐
0612374-09	NP-1	Water		12/18/2006 15:20	12/20/2006 09:10	☐
0612374-10	NP-2	Water		12/18/2006 15:35	12/20/2006 09:10	☐
0612374-11	MW-20	Water		12/18/2006 16:05	12/20/2006 09:10	☐
0612374-12	NCL-32	Water		12/19/2006 08:50	12/20/2006 09:10	☐
0612374-13	NCL-44	Water		12/19/2006 09:30	12/20/2006 09:10	☐
0612374-14	NCL-33	Water		12/19/2006 10:05	12/20/2006 09:10	☐
0612374-15	NCL-34	Water		12/19/2006 10:20	12/20/2006 09:10	☐
0612374-16	Duplicate #4	Water		12/19/2006	12/20/2006 09:10	☐
0612374-17	Duplicate #5	Water		12/19/2006	12/20/2006 09:10	☐
0612374-18	Field Blank	Water		12/18/2006 15:54	12/20/2006 09:10	☐
0612374-19	Field Blank 2	Water		12/19/2006 10:35	12/20/2006 09:10	☐
0612374-20	Equipment Blank	Water		12/18/2006 16:15	12/20/2006 09:10	☐
0612374-21	Equipment Blank 2	Water		12/19/2006 10:40	12/20/2006 09:10	☐
0612374-22	Trip Blank 1	Water		12/19/2006 10:40	12/20/2006 09:10	☒
0612374-23	Trip Blank 2	Water		12/19/2006 10:40	12/20/2006 09:10	☒
0612374-24	Trip Blank 3	Water		12/19/2006 10:40	12/20/2006 09:10	☒
0612374-25	Trip Blank 4	Water		12/19/2006 10:40	12/20/2006 09:10	☒

e-Lab Analytical, Inc.**Date:** *January 05, 2007***CLIENT:** Navajo Refining Company**Project:** Navajo Artesia**Work Order:** 0612374**Case Narrative**

pH samples were received outside of the recommended holding times.

8015 DRO (sample NCL-34) Surrogate was diluted out of the sample.

Batch's 21364 and 21365 Metals MS/MSD were unrelated samples.

Batch R45417 Volatiles (sample NP-1) MS/MSD RPD recoveries were above the control limits for Bromomethane (66.5%) and Chloromethane (27%). Recoveries met method criteria in the MS/MSD.

Batch's R45473 and R45506 Anions MS/MSD were unrelated samples.

e-Lab Analytical, Inc.
Date: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NCL-49

Work Order: 0612374

Collection Date: 12/18/2006 9:49:00 AM

Project: Navajo Artesia

Lab ID: 0612374-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.51		0.050	mg/L	1	12/27/2006 9:15:00 PM
Surr: 2-Fluorobiphenyl	118		70-130	%REC	1	12/27/2006 9:15:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:24:31 PM
ICP METALS, TOTAL						
Aluminum	0.0106		0.0100	mg/L	1	12/27/2006 9:15:00 PM
Arsenic	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Barium	0.0102		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Beryllium	ND		0.00200	mg/L	1	12/27/2006 9:15:00 PM
Boron	0.288		0.0200	mg/L	1	12/27/2006 9:15:00 PM
Cadmium	ND		0.00200	mg/L	1	12/27/2006 9:15:00 PM
Calcium	470		25.0	mg/L	50	12/28/2006 7:51:00 PM
Chromium	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Cobalt	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Copper	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Iron	ND		0.200	mg/L	1	12/27/2006 9:15:00 PM
Lead	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Magnesium	201		10.0	mg/L	50	12/28/2006 7:51:00 PM
Manganese	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Molybdenum	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Nickel	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Potassium	0.622		0.200	mg/L	1	12/27/2006 9:15:00 PM
Selenium	0.00858		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Silver	ND		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Sodium	127		10.0	mg/L	50	12/28/2006 7:51:00 PM
Vanadium	0.00993		0.00500	mg/L	1	12/27/2006 9:15:00 PM
Zinc	0.00690		0.00500	mg/L	1	12/27/2006 9:15:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NCL-49

Work Order: 0612374

Collection Date: 12/18/2006 9:49:00 AM

Project: Navajo Artesia

Lab ID: 0612374-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 7:06:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 7:06:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 7:06:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 7:06:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 7:06:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 7:06:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 7:06:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 7:06:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 7:06:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 7:06:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/26/2006 7:06:00 PM
Surr: 4-Bromofluorobenzene	90.1		72.4-125	%REC	1	12/26/2006 7:06:00 PM
Surr: Dibromofluoromethane	100		71.2-125	%REC	1	12/26/2006 7:06:00 PM
Surr: Toluene-d8	91.4		75-125	%REC	1	12/26/2006 7:06:00 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

AR Page 2 of 57

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NCL-49

Work Order: 0612374

Collection Date: 12/18/2006 9:49:00 AM

Project: Navajo Artesia

Lab ID: 0612374-01

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	200		2.50	mg/L	5	12/28/2006 11:43:00 PM
Fluoride	0.625		0.100	mg/L	1	12/28/2006 11:21:00 PM
Sulfate	1,490		50.0	mg/L	50	12/29/2006 12:04:00 AM
Nitrate/Nitrite (as N)	10.1		0.500	mg/L	5	12/27/2006 6:30:00 PM
Surr: Selenate (surr)	92.7		80-120	%REC	50	12/29/2006 12:04:00 AM
Surr: Selenate (surr)	98.8		80-120	%REC	1	12/28/2006 11:21:00 PM
Surr: Selenate (surr)	103		80-120	%REC	5	12/27/2006 6:30:00 PM
Surr: Selenate (surr)	98.0		80-120	%REC	5	12/28/2006 11:43:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	211		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	211		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.95	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,860		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612374
 Project: Navajo Artesia
 Lab ID: 0612374-02

Client Sample ID: MW-54A
 Collection Date: 12/18/2006 10:28:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	1.1		0.050	mg/L	1	12/2007 4:29:00 PM
Surr: 2-Fluorobiphenyl	104		70-130	%REC	1	12/2007 4:29:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:26:34 PM
ICP METALS, TOTAL						
Aluminum	0.0771		0.0100	mg/L	1	12/27/2006 9:21:00 PM
Arsenic	0.0103		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Barium	0.0177		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Beryllium	ND		0.00200	mg/L	1	12/27/2006 9:21:00 PM
Boron	0.303		0.0200	mg/L	1	12/27/2006 9:21:00 PM
Cadmium	ND		0.00200	mg/L	1	12/27/2006 9:21:00 PM
Calcium	393		25.0	mg/L	50	12/28/2006 7:57:00 PM
Chromium	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Cobalt	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Copper	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Iron	0.228		0.200	mg/L	1	12/27/2006 9:21:00 PM
Lead	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Magnesium	128		10.0	mg/L	50	12/28/2006 7:57:00 PM
Manganese	0.490		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Molybdenum	0.00805		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Nickel	0.00501		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Potassium	ND		0.200	mg/L	1	12/27/2006 9:21:00 PM
Selenium	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Silver	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Sodium	48.8		0.200	mg/L	1	12/27/2006 9:21:00 PM
Vanadium	ND		0.00500	mg/L	1	12/27/2006 9:21:00 PM
Zinc	0.00716		0.00500	mg/L	1	12/27/2006 9:21:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-54A

Work Order: 0612374

Collection Date: 12/18/2006 10:28:00 AM

Project: Navajo Artesia

Lab ID: 0612374-02

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 7:31:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 7:31:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 7:31:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 7:31:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 7:31:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 7:31:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 7:31:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 7:31:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 7:31:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 7:31:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/26/2006 7:31:00 PM
Surr: 4-Bromofluorobenzene	92.1		72.4-125	%REC	1	12/26/2006 7:31:00 PM
Surr: Dibromofluoromethane	93.5		71.2-125	%REC	1	12/26/2006 7:31:00 PM
Surr: Toluene-d8	90.0		75-125	%REC	1	12/26/2006 7:31:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-02

Client Sample ID: MW-54A
Collection Date: 12/18/2006 10:28:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	280		10.0	mg/L	20	12/29/2006 1:54:00 AM
Fluoride	0.950		0.100	mg/L	1	12/28/2006 10:59:00 PM
Sulfate	656		20.0	mg/L	20	12/29/2006 1:54:00 AM
Nitrate/Nitrite (as N)	1.00		0.500	mg/L	5	12/27/2006 3:34:00 PM
Surr: Selenate (surr)	104		80-120	%REC	5	12/27/2006 3:34:00 PM
Surr: Selenate (surr)	94.4		80-120	%REC	20	12/29/2006 1:54:00 AM
Surr: Selenate (surr)	98.1		80-120	%REC	1	12/28/2006 10:59:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	469		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	469		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.73	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	1,940		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-03

Client Sample ID: MW-53
Collection Date: 12/18/2006 10:50:00 AM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.11		0.050	mg/L	1	12/27/2006 6:17:00 PM
Surr: 2-Fluorobiphenyl	94.8		70-130	%REC	1	12/27/2006 6:17:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:16:22 PM
ICP METALS, TOTAL						
Aluminum	0.0340		0.0100	mg/L	1	12/27/2006 9:26:00 PM
Arsenic	ND		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Barium	0.0252		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Beryllium	ND		0.00200	mg/L	1	12/27/2006 9:26:00 PM
Boron	0.327		0.0200	mg/L	1	12/27/2006 9:26:00 PM
Cadmium	ND		0.00200	mg/L	1	12/27/2006 9:26:00 PM
Calcium	302		10.0	mg/L	20	12/28/2006 8:03:00 PM
Chromium	ND		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Cobalt	0.00504		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Copper	ND		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Iron	ND		0.200	mg/L	1	12/27/2006 9:26:00 PM
Lead	ND		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Magnesium	167		4.00	mg/L	20	12/28/2006 8:03:00 PM
Manganese	2.36		0.100	mg/L	20	12/28/2006 8:03:00 PM
Molybdenum	0.0232		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Nickel	0.00728		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Potassium	1.02		0.200	mg/L	1	12/27/2006 9:26:00 PM
Selenium	ND		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Silver	ND		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Sodium	114		4.00	mg/L	20	12/28/2006 8:03:00 PM
Vanadium	0.0123		0.00500	mg/L	1	12/27/2006 9:26:00 PM
Zinc	0.00684		0.00500	mg/L	1	12/27/2006 9:26:00 PM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-53

Work Order: 0612374

Collection Date: 12/18/2006 10:50:00 AM

Project: Navajo Artesia

Lab ID: 0612374-03

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 7:56:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 7:56:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 7:56:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 7:56:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 7:56:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 7:56:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 7:56:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 7:56:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 7:56:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 7:56:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/26/2006 7:56:00 PM
Surr: 4-Bromofluorobenzene	91.1		72.4-125	%REC	1	12/26/2006 7:56:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	1	12/26/2006 7:56:00 PM
Surr: Toluene-d8	92.8		75-125	%REC	1	12/26/2006 7:56:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit

S - Spike Recovery outside accepted recovery limits

J - Analyte detected below quantitation limits

P - Dual Column results percent difference > 40%

B - Analyte detected in the associated Method Blank

E - Value above quantitation range

* - Value exceeds Maximum Contaminant Level

H - Analyzed outside of Hold Time

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e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-03

Client Sample ID: MW-53
Collection Date: 12/18/2006 10:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	101		2.50	mg/L	5	12/29/2006 2:38:00 AM
Fluoride	0.964		0.100	mg/L	1	12/29/2006 2:16:00 AM
Sulfate	1,240		50.0	mg/L	50	12/29/2006 3:00:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/27/2006 8:19:00 PM
Surr: Selenate (surr)	93.7		80-120	%REC	50	12/29/2006 3:00:00 AM
Surr: Selenate (surr)	98.6		80-120	%REC	1	12/29/2006 2:16:00 AM
Surr: Selenate (surr)	105		80-120	%REC	5	12/27/2006 8:19:00 PM
Surr: Selenate (surr)	98.7		80-120	%REC	5	12/29/2006 2:38:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	158		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	158		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.23	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,280		10.0	mg/L	1	12/20/2006

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

* - Value exceeds Maximum Contaminant Level

S - Spike Recovery outside accepted recovery limits

P - Dual Column results percent difference > 40%

E - Value above quantitation range

H - Analyzed outside of Hold Time

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-04

Client Sample ID: KWB-3R
Collection Date: 12/18/2006 11:21:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	12/21/2006 7:37:00 PM
Surr: 2-Fluorobiphenyl	129		70-130	%REC	1	12/21/2006 7:37:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/26/2006 5:28:37 PM
ICP METALS, TOTAL						
Aluminum	0.542		0.0100	mg/L	1	12/22/2006 1:12:00 AM
Arsenic	0.00562		0.00500	mg/L	1	12/31/2006 1:06:00 AM
Barium	0.0185		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 1:06:00 AM
Boron	0.463		0.0400	mg/L	2	1/4/2007 3:25:00 PM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 1:06:00 AM
Calcium	788		50.0	mg/L	100	12/28/2006 8:27:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Cobalt	ND		0.00500	mg/L	1	12/31/2006 1:12:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Iron	0.434		0.200	mg/L	1	12/30/2006 1:06:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Magnesium	354		20.0	mg/L	100	12/28/2006 8:27:00 PM
Manganese	0.0140		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Molybdenum	ND		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Nickel	ND		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Potassium	0.756		0.200	mg/L	1	12/30/2006 1:06:00 AM
Selenium	0.0397		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Sodium	436		20.0	mg/L	100	12/28/2006 8:27:00 PM
Vanadium	0.0192		0.00500	mg/L	1	12/30/2006 1:06:00 AM
Zinc	0.0111		0.00500	mg/L	1	12/30/2006 1:06:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-04

Client Sample ID: KWB-3R
Collection Date: 12/18/2006 11:21:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 8:21:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 8:21:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 8:21:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 8:21:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 8:21:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 8:21:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 8:21:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 8:21:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 8:21:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 8:21:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/26/2006 8:21:00 PM
Surr: 4-Bromofluorobenzene	90.9		72.4-125	%REC	1	12/26/2006 8:21:00 PM
Surr: Dibromofluoromethane	95.7		71.2-125	%REC	1	12/26/2006 8:21:00 PM
Surr: Toluene-d8	93.5		75-125	%REC	1	12/26/2006 8:21:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-04

Client Sample ID: KWB-3R
Collection Date: 12/18/2006 11:21:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	599		10.0	mg/L	20	12/29/2006 3:44:00 AM
Fluoride	0.404		0.100	mg/L	1	12/29/2006 3:22:00 AM
Sulfate	2,550		100	mg/L	100	12/29/2006 4:05:00 AM
Nitrate/Nitrite (as N)	37.9		0.500	mg/L	5	12/27/2006 8:41:00 PM
Surr: Selenate (surr)	92.8		80-120	%REC	100	12/29/2006 4:05:00 AM
Surr: Selenate (surr)	97.5		80-120	%REC	1	12/29/2006 3:22:00 AM
Surr: Selenate (surr)	105		80-120	%REC	5	12/27/2006 8:41:00 PM
Surr: Selenate (surr)	98.8		80-120	%REC	20	12/29/2006 3:44:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	285		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	285		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.67	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,510		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612374
 Project: Navajo Artesia
 Lab ID: 0612374-05

Client Sample ID: KWB-11A
 Collection Date: 12/18/2006 12:25:00 PM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M			Prep Date: 12/21/2006 Analyst: JBA
TPH (Diesel Range)	ND		0.050	mg/L	1	1/2/2007 11:28:00 PM
Surr: 2-Fluorobiphenyl	84.2		70-130	%REC	1	1/2/2007 11:28:00 PM
MERCURY, TOTAL			SW7470			Prep Date: 12/26/2006 Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:34:50 PM
ICP METALS, TOTAL			SW6020			Prep Date: 12/22/2006 Analyst: ALR
Aluminum	ND		0.0100	mg/L	1	12/31/2006 1:18:00 AM
Arsenic	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Barium	0.0178		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Beryllium	ND		0.00200	mg/L	1	1/4/2007 1:46:00 AM
Boron	0.406		0.0400	mg/L	2	1/4/2007 3:31:00 PM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 1:35:00 AM
Calcium	259		25.0	mg/L	50	12/28/2006 8:33:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Cobalt	ND		0.00500	mg/L	1	12/31/2006 1:18:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Iron	ND		0.200	mg/L	1	12/30/2006 1:35:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Magnesium	158		10.0	mg/L	50	12/28/2006 8:33:00 PM
Manganese	0.0109		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Molybdenum	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Nickel	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Potassium	0.511		0.200	mg/L	1	12/30/2006 1:35:00 AM
Selenium	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Sodium	212		10.0	mg/L	50	12/28/2006 8:33:00 PM
Vanadium	0.0131		0.00500	mg/L	1	12/30/2006 1:35:00 AM
Zinc	ND		0.00500	mg/L	1	12/30/2006 1:35:00 AM
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-05

Client Sample ID: KWB-11A
Collection Date: 12/18/2006 12:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 8:46:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 8:46:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 8:46:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 8:46:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 8:46:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 8:46:00 PM
Methyl tert-butyl ether	11		5.0	µg/L	1	12/26/2006 8:46:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 8:46:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 8:46:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 8:46:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 8:46:00 PM
Surr: 1,2-Dichloroethane-d4	109		70-125	%REC	1	12/26/2006 8:46:00 PM
Surr: 4-Bromofluorobenzene	90.2		72.4-125	%REC	1	12/26/2006 8:46:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/26/2006 8:46:00 PM
Surr: Toluene-d8	94.4		75-125	%REC	1	12/26/2006 8:46:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-05

Client Sample ID: KWB-11A
Collection Date: 12/18/2006 12:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	380		12.5	mg/L	25	12/29/2006 4:49:00 AM
Fluoride	0.790		0.100	mg/L	1	12/29/2006 4:27:00 AM
Sulfate	603		25.0	mg/L	25	12/29/2006 4:49:00 AM
Nitrate/Nitrite (as N)	5.15		0.500	mg/L	5	12/27/2006 9:03:00 PM
Surr: Selenate (surr)	106		80-120	%REC	5	12/27/2006 9:03:00 PM
Surr: Selenate (surr)	94.0		80-120	%REC	25	12/29/2006 4:49:00 AM
Surr: Selenate (surr)	98.4		80-120	%REC	1	12/29/2006 4:27:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	580		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	580		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.62	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,180		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-06

Client Sample ID: MW-8
Collection Date: 12/18/2006 2:10:00 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: 12/21/2006 Analyst: JBA 1/3/2007 1:33:00 AM
Surr: 2-Fluorobiphenyl	114		70-130	%REC	1	1/3/2007 1:33:00 AM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 5:36:52 PM
ICP METALS, TOTAL						
Aluminum	0.0483		SW6020 0.0100	mg/L	1	Prep Date: 12/22/2006 Analyst: ALR 12/31/2006 1:24:00 AM
Arsenic	0.0285		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Barium	0.0135		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Beryllium	ND		0.00200	mg/L	1	1/4/2007 1:58:00 AM
Boron	0.575		0.0400	mg/L	2	1/4/2007 3:37:00 PM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 1:41:00 AM
Calcium	338		50.0	mg/L	100	12/28/2006 8:57:00 PM
Chromium	0.816		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Cobalt	0.00844		0.00500	mg/L	1	12/31/2006 1:24:00 AM
Copper	0.00926		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Iron	5.03		0.200	mg/L	1	12/30/2006 1:41:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Magnesium	299		20.0	mg/L	100	12/28/2006 8:57:00 PM
Manganese	0.372		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Molybdenum	0.0242		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Nickel	0.0431		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Potassium	1.76		0.200	mg/L	1	12/30/2006 1:41:00 AM
Selenium	0.0121		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Sodium	371		20.0	mg/L	100	12/29/2006 5:57:00 PM
Vanadium	0.116		0.00500	mg/L	1	12/30/2006 1:41:00 AM
Zinc	0.00767		0.00500	mg/L	1	12/30/2006 1:41:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/26/2006 9:11:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-8

Work Order: 0612374

Collection Date: 12/18/2006 2:10:00 PM

Project: Navajo Artesia

Lab ID: 0612374-06

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 9:11:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 9:11:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 9:11:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 9:11:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 9:11:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 9:11:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 9:11:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 9:11:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 9:11:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 9:11:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/26/2006 9:11:00 PM
Surr: 4-Bromofluorobenzene	88.8		72.4-125	%REC	1	12/26/2006 9:11:00 PM
Surr: Dibromofluoromethane	96.8		71.2-125	%REC	1	12/26/2006 9:11:00 PM
Surr: Toluene-d8	94.6		75-125	%REC	1	12/26/2006 9:11:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-06

Client Sample ID: MW-8
Collection Date: 12/18/2006 2:10:00 PM

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	301		5.00	mg/L	10	12/29/2006 7:23:00 AM
Fluoride	2.21		0.100	mg/L	1	12/29/2006 7:01:00 AM
Sulfate	2,000		100	mg/L	100	12/29/2006 5:11:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/27/2006 9:25:00 PM
Surr: Selenate (surr)	97.4		80-120	%REC	10	12/29/2006 7:23:00 AM
Surr: Selenate (surr)	92.4		80-120	%REC	100	12/29/2006 5:11:00 AM
Surr: Selenate (surr)	105		80-120	%REC	5	12/27/2006 9:25:00 PM
Surr: Selenate (surr)	100		80-120	%REC	1	12/29/2006 7:01:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	285		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	285		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.06	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	3,860		10.0	mg/L	1	12/20/2006

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

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

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e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-21

Work Order: 0612374

Collection Date: 12/18/2006 2:25:00 PM

Project: Navajo Artesia

Lab ID: 0612374-07

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M		Prep Date: 12/21/2006	Analyst: JBA
TPH (Diesel Range)	0.11		0.050	mg/L	1	1/3/2007 3:12:00 AM
Surr: 2-Fluorobiphenyl	98.4		70-130	%REC	1	1/3/2007 3:12:00 AM
MERCURY, TOTAL			SW7470		Prep Date: 12/26/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:38:52 PM
ICP METALS, TOTAL			SW6020		Prep Date: 12/22/2006	Analyst: ALR
Aluminum	ND		0.0100	mg/L	1	12/31/2006 1:30:00 AM
Arsenic	0.00862		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Barium	0.00896		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Beryllium	ND		0.00400	mg/L	2	1/4/2007 3:43:00 PM
Boron	0.679		0.0400	mg/L	2	1/4/2007 3:43:00 PM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 1:47:00 AM
Calcium	507		50.0	mg/L	100	12/28/2006 9:03:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Cobalt	ND		0.00500	mg/L	1	12/31/2006 1:30:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Iron	ND		0.200	mg/L	1	12/30/2006 1:47:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Magnesium	408		20.0	mg/L	100	12/28/2006 9:03:00 PM
Manganese	0.440		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Molybdenum	0.0129		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Nickel	0.00856		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Potassium	2.18		0.200	mg/L	1	12/30/2006 1:47:00 AM
Selenium	0.0359		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Sodium	446		20.0	mg/L	100	12/29/2006 6:03:00 PM
Vanadium	0.0387		0.00500	mg/L	1	12/30/2006 1:47:00 AM
Zinc	0.0114		0.00500	mg/L	1	12/30/2006 1:47:00 AM
VOLATILES BY GC/MS			SW8260		Analyst: HLBW	
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-07

Client Sample ID: MW-21
Collection Date: 12/18/2006 2:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/28/2006 2:46:00 AM
2-Hexanone	ND		10	µg/L	1	12/28/2006 2:46:00 AM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/28/2006 2:46:00 AM
Acetone	ND		10	µg/L	1	12/28/2006 2:46:00 AM
Benzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Bromodichloromethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Bromoform	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Bromomethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Carbon disulfide	ND		10	µg/L	1	12/28/2006 2:46:00 AM
Carbon tetrachloride	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Chlorobenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Chloroethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Chloroform	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Chloromethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Dibromochloromethane	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Ethylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Isopropylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
m,p-Xylene	ND		10	µg/L	1	12/28/2006 2:46:00 AM
Methyl tert-butyl ether	5.1		5.0	µg/L	1	12/28/2006 2:46:00 AM
Methylene chloride	ND		10	µg/L	1	12/28/2006 2:46:00 AM
n-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
n-Propylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Naphthalene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
o-Xylene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
sec-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Styrene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Tetrachloroethene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Toluene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Trichloroethene	ND		5.0	µg/L	1	12/28/2006 2:46:00 AM
Vinyl chloride	ND		2.0	µg/L	1	12/28/2006 2:46:00 AM
Xylenes, Total	ND		15	µg/L	1	12/28/2006 2:46:00 AM
Surr: 1,2-Dichloroethane-d4	99.3		70-125	%REC	1	12/28/2006 2:46:00 AM
Surr: 4-Bromofluorobenzene	90.9		72.4-125	%REC	1	12/28/2006 2:46:00 AM
Surr: Dibromofluoromethane	95.5		71.2-125	%REC	1	12/28/2006 2:46:00 AM
Surr: Toluene-d8	99.0		75-125	%REC	1	12/28/2006 2:46:00 AM

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-07

Client Sample ID: MW-21
Collection Date: 12/18/2006 2:25:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	447		10.0	mg/L	20	12/29/2006 8:06:00 AM
Fluoride	1.95		0.100	mg/L	1	12/29/2006 7:45:00 AM
Sulfate	3,090		100	mg/L	100	12/29/2006 8:28:00 AM
Nitrate/Nitrite (as N)	4.86		0.500	mg/L	5	12/27/2006 9:47:00 PM
Surr: Selenate (surr)	93.1		80-120	%REC	100	12/29/2006 8:28:00 AM
Surr: Selenate (surr)	96.2		80-120	%REC	1	12/29/2006 7:45:00 AM
Surr: Selenate (surr)	106		80-120	%REC	5	12/27/2006 9:47:00 PM
Surr: Selenate (surr)	98.2		80-120	%REC	20	12/29/2006 8:06:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	253		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	253		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.65	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,800		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-08

Client Sample ID: NP-6
Collection Date: 12/18/2006 2:55:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.084		SW8015M 0.050	mg/L	1	Prep Date: 12/21/2006 Analyst: JBA 1/3/2007 7:54:00 AM
Surr: 2-Fluorobiphenyl	98.3		70-130	%REC	1	1/3/2007 7:54:00 AM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 5:40:54 PM
ICP METALS, TOTAL						
Aluminum	0.0760		SW6020 0.0100	mg/L	1	Prep Date: 12/22/2006 Analyst: ALR 12/31/2006 1:36:00 AM
Arsenic	0.00777		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Barium	0.0107		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Beryllium	ND		0.00400	mg/L	2	1/4/2007 3:49:00 PM
Boron	0.669		0.0400	mg/L	2	1/4/2007 3:49:00 PM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 1:53:00 AM
Calcium	560		50.0	mg/L	100	12/28/2006 9:09:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Cobalt	ND		0.00500	mg/L	1	12/31/2006 1:36:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Iron	ND		0.200	mg/L	1	12/30/2006 1:53:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Magnesium	421		20.0	mg/L	100	12/28/2006 9:09:00 PM
Manganese	0.00734		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Molybdenum	0.00904		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Nickel	ND		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Potassium	3.36		0.200	mg/L	1	12/30/2006 1:53:00 AM
Selenium	0.0306		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Sodium	444		20.0	mg/L	100	12/29/2006 6:09:00 PM
Vanadium	0.0352		0.00500	mg/L	1	12/30/2006 1:53:00 AM
Zinc	0.0126		0.00500	mg/L	1	12/30/2006 1:53:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/26/2006 9:36:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NP-6

Work Order: 0612374

Collection Date: 12/18/2006 2:55:00 PM

Project: Navajo Artesia

Lab ID: 0612374-08

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 9:36:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 9:36:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 9:36:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 9:36:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 9:36:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 9:36:00 PM
Methyl tert-butyl ether	19		5.0	µg/L	1	12/26/2006 9:36:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 9:36:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 9:36:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 9:36:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 9:36:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/26/2006 9:36:00 PM
Surr: 4-Bromofluorobenzene	89.6		72.4-125	%REC	1	12/26/2006 9:36:00 PM
Surr: Dibromofluoromethane	95.2		71.2-125	%REC	1	12/26/2006 9:36:00 PM
Surr: Toluene-d8	95.1		75-125	%REC	1	12/26/2006 9:36:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-08

Client Sample ID: NP-6
Collection Date: 12/18/2006 2:55:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	587		10.0	mg/L	20	12/29/2006 9:12:00 AM
Fluoride	2.35		0.100	mg/L	1	12/29/2006 8:50:00 AM
Sulfate	2,910		100	mg/L	100	12/29/2006 9:34:00 AM
Nitrate/Nitrite (as N)	20.8		0.500	mg/L	5	12/27/2006 10:09:00 PM
Surr: Selenate (surr)	93.7		80-120	%REC	100	12/29/2006 9:34:00 AM
Surr: Selenate (surr)	97.8		80-120	%REC	1	12/29/2006 8:50:00 AM
Surr: Selenate (surr)	105		80-120	%REC	5	12/27/2006 10:09:00 PM
Surr: Selenate (surr)	96.9		80-120	%REC	20	12/29/2006 9:12:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	285		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	285		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.91	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	5,800		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-09

Client Sample ID: NP-1
Collection Date: 12/18/2006 3:20:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
2-Butanone	ND		10	µg/L	1	12/26/2006 10:01:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 10:01:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 10:01:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 10:01:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 10:01:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 10:01:00 PM
Methyl tert-butyl ether	400		25	µg/L	5	12/28/2006 4:46:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 10:01:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 10:01:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NP-1

Work Order: 0612374

Collection Date: 12/18/2006 3:20:00 PM

Project: Navajo Artesia

Lab ID: 0612374-09

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 10:01:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 10:01:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 10:01:00 PM
Surr: 1,2-Dichloroethane-d4	108		70-125	%REC	1	12/26/2006 10:01:00 PM
Surr: 1,2-Dichloroethane-d4	96.1		70-125	%REC	5	12/28/2006 4:46:00 PM
Surr: 4-Bromofluorobenzene	88.0		72.4-125	%REC	1	12/26/2006 10:01:00 PM
Surr: 4-Bromofluorobenzene	91.8		72.4-125	%REC	5	12/28/2006 4:46:00 PM
Surr: Dibromofluoromethane	101		71.2-125	%REC	1	12/26/2006 10:01:00 PM
Surr: Dibromofluoromethane	95.7		71.2-125	%REC	5	12/28/2006 4:46:00 PM
Surr: Toluene-d8	98.9		75-125	%REC	5	12/28/2006 4:46:00 PM
Surr: Toluene-d8	92.5		75-125	%REC	1	12/26/2006 10:01:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NP-2

Work Order: 0612374

Collection Date: 12/18/2006 3:35:00 PM

Project: Navajo Artesia

Lab ID: 0612374-10

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
2-Butanone	ND		10	µg/L	1	12/26/2006 10:26:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 10:26:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 10:26:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 10:26:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 10:26:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 10:26:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 10:26:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 10:26:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NP-2

Work Order: 0612374

Collection Date: 12/18/2006 3:35:00 PM

Project: Navajo Artesia

Lab ID: 0612374-10

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 10:26:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 10:26:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 10:26:00 PM
Surr: 1,2-Dichloroethane-d4	106		70-125	%REC	1	12/26/2006 10:26:00 PM
Surr: 4-Bromofluorobenzene	86.5		72.4-125	%REC	1	12/26/2006 10:26:00 PM
Surr: Dibromofluoromethane	94.6		71.2-125	%REC	1	12/26/2006 10:26:00 PM
Surr: Toluene-d8	92.4		75-125	%REC	1	12/26/2006 10:26:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-11

Client Sample ID: MW-20
Collection Date: 12/18/2006 4:05:00 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	1/3/2007 8:56:00 AM
Surr: 2-Fluorobiphenyl	128		70-130	%REC	1	1/3/2007 8:56:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:42:55 PM
ICP METALS, TOTAL						
Aluminum	ND		0.0100	mg/L	1	12/30/2006 3:22:00 AM
Arsenic	0.0109		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Barium	0.00936		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 3:22:00 AM
Boron	1.07		0.0200	mg/L	1	12/30/2006 3:22:00 AM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 3:22:00 AM
Calcium	444		50.0	mg/L	100	12/28/2006 9:15:00 PM
Chromium	ND		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Cobalt	0.00606		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Iron	ND		0.200	mg/L	1	12/30/2006 3:22:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Magnesium	567		20.0	mg/L	100	12/28/2006 9:15:00 PM
Manganese	0.173		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Molybdenum	0.0202		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Nickel	0.00581		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Potassium	0.677		0.200	mg/L	1	12/30/2006 3:22:00 AM
Selenium	0.0211		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Sodium	333		20.0	mg/L	100	12/29/2006 6:15:00 PM
Vanadium	0.0496		0.00500	mg/L	1	12/30/2006 3:22:00 AM
Zinc	0.00901		0.00500	mg/L	1	12/30/2006 3:22:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: MW-20

Work Order: 0612374

Collection Date: 12/18/2006 4:05:00 PM

Project: Navajo Artesia

Lab ID: 0612374-11

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/28/2006 3:08:00 AM
2-Hexanone	ND		10	µg/L	1	12/28/2006 3:08:00 AM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/28/2006 3:08:00 AM
Acetone	ND		10	µg/L	1	12/28/2006 3:08:00 AM
Benzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Bromodichloromethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Bromoform	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Bromomethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Carbon disulfide	ND		10	µg/L	1	12/28/2006 3:08:00 AM
Carbon tetrachloride	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Chlorobenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Chloroethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Chloroform	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Chloromethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Dibromochloromethane	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Ethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Isopropylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
m,p-Xylene	ND		10	µg/L	1	12/28/2006 3:08:00 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Methylene chloride	ND		10	µg/L	1	12/28/2006 3:08:00 AM
n-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
n-Propylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Naphthalene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
o-Xylene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
sec-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Styrene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Tetrachloroethene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Toluene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Trichloroethene	ND		5.0	µg/L	1	12/28/2006 3:08:00 AM
Vinyl chloride	ND		2.0	µg/L	1	12/28/2006 3:08:00 AM
Xylenes, Total	ND		15	µg/L	1	12/28/2006 3:08:00 AM
Surr: 1,2-Dichloroethane-d4	101		70-125	%REC	1	12/28/2006 3:08:00 AM
Surr: 4-Bromofluorobenzene	92.6		72.4-125	%REC	1	12/28/2006 3:08:00 AM
Surr: Dibromofluoromethane	94.8		71.2-125	%REC	1	12/28/2006 3:08:00 AM
Surr: Toluene-d8	99.5		75-125	%REC	1	12/28/2006 3:08:00 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

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e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-11

Client Sample ID: MW-20
Collection Date: 12/18/2006 4:05:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	535		10.0	mg/L	20	12/29/2006 10:18:00 AM
Fluoride	2.64		0.100	mg/L	1	12/29/2006 9:56:00 AM
Sulfate	3,130		100	mg/L	100	12/29/2006 12:08:00 PM
Nitrate/Nitrite (as N)	2.26		0.500	mg/L	5	12/27/2006 10:31:00 PM
Surr: Selenate (surr)	98.7		80-120	%REC	1	12/29/2006 9:56:00 AM
Surr: Selenate (surr)	98.4		80-120	%REC	20	12/29/2006 10:18:00 AM
Surr: Selenate (surr)	105		80-120	%REC	5	12/27/2006 10:31:00 PM
Surr: Selenate (surr)	95.4		80-120	%REC	100	12/29/2006 12:08:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	274		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	274		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	7.03	H	0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	6,010		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612374
 Project: Navajo Artesia
 Lab ID: 0612374-12

Client Sample ID: NCL-32
 Collection Date: 12/19/2006 8:50:00 AM
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH			SW8015M		Prep Date: 12/21/2006	Analyst: JBA
TPH (Diesel Range)	0.27		0.050	mg/L	1	1/3/2007 9:35:00 AM
Surr: 2-Fluorobiphenyl	115		70-130	%REC	1	1/3/2007 9:35:00 AM
MERCURY, TOTAL			SW7470		Prep Date: 12/26/2006	Analyst: JCJ
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:44:57 PM
ICP METALS, TOTAL			SW6020		Prep Date: 12/22/2006	Analyst: ALR
Aluminum	1.30		0.0100	mg/L	1	12/30/2006 3:28:00 AM
Arsenic	0.00956		0.00500	mg/L	1	12/31/2006 1:42:00 AM
Barium	0.0322		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Beryllium	ND		0.00200	mg/L	1	12/30/2006 3:28:00 AM
Boron	0.301		0.0200	mg/L	1	12/30/2006 3:28:00 AM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 3:28:00 AM
Calcium	375		50.0	mg/L	100	12/28/2006 9:21:00 PM
Chromium	0.00759		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Cobalt	ND		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Copper	ND		0.00500	mg/L	1	12/31/2006 1:42:00 AM
Iron	1.08		0.200	mg/L	1	12/30/2006 3:28:00 AM
Lead	0.00534		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Magnesium	140		0.200	mg/L	1	12/30/2006 3:28:00 AM
Manganese	0.784		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Molybdenum	0.00765		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Nickel	0.00834		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Potassium	3.72		0.200	mg/L	1	12/30/2006 3:28:00 AM
Selenium	ND		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Silver	ND		0.00500	mg/L	1	12/31/2006 1:42:00 AM
Sodium	73.2		0.200	mg/L	1	12/30/2006 3:28:00 AM
Vanadium	0.0140		0.00500	mg/L	1	12/30/2006 3:28:00 AM
Zinc	0.0307		0.00500	mg/L	1	12/30/2006 3:28:00 AM
VOLATILES BY GC/MS			SW8260			Analyst: HLBW
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-12

Client Sample ID: NCL-32
Collection Date: 12/19/2006 8:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/28/2006 3:29:00 AM
2-Hexanone	ND		10	µg/L	1	12/28/2006 3:29:00 AM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/28/2006 3:29:00 AM
Acetone	ND		10	µg/L	1	12/28/2006 3:29:00 AM
Benzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Bromodichloromethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Bromoform	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Bromomethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Carbon disulfide	ND		10	µg/L	1	12/28/2006 3:29:00 AM
Carbon tetrachloride	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Chlorobenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Chloroethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Chloroform	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Chloromethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Dibromochloromethane	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Ethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Isopropylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
m,p-Xylene	ND		10	µg/L	1	12/28/2006 3:29:00 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Methylene chloride	ND		10	µg/L	1	12/28/2006 3:29:00 AM
n-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
n-Propylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Naphthalene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
o-Xylene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
sec-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Styrene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Tetrachloroethene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Toluene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Trichloroethene	ND		5.0	µg/L	1	12/28/2006 3:29:00 AM
Vinyl chloride	ND		2.0	µg/L	1	12/28/2006 3:29:00 AM
Xylenes, Total	ND		15	µg/L	1	12/28/2006 3:29:00 AM
Surr: 1,2-Dichloroethane-d4	99.6		70-125	%REC	1	12/28/2006 3:29:00 AM
Surr: 4-Bromofluorobenzene	90.8		72.4-125	%REC	1	12/28/2006 3:29:00 AM
Surr: Dibromofluoromethane	96.6		71.2-125	%REC	1	12/28/2006 3:29:00 AM
Surr: Toluene-d8	98.5		75-125	%REC	1	12/28/2006 3:29:00 AM

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-12

Client Sample ID: NCL-32
Collection Date: 12/19/2006 8:50:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	210		5.00	mg/L	10	12/29/2006 7:26:00 PM
Fluoride	1.19		0.100	mg/L	1	12/29/2006 7:04:00 PM
Sulfate	1,100		100	mg/L	100	12/29/2006 7:48:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/27/2006 10:52:00 PM
Surr: Selenate (surr)	92.7		80-120	%REC	100	12/29/2006 7:48:00 PM
Surr: Selenate (surr)	96.3		80-120	%REC	1	12/29/2006 7:04:00 PM
Surr: Selenate (surr)	103		80-120	%REC	5	12/27/2006 10:52:00 PM
Surr: Selenate (surr)	95.3		80-120	%REC	10	12/29/2006 7:26:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	358		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	358		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.72		0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,430		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-13

Client Sample ID: NCL-44
Collection Date: 12/19/2006 9:30:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 12/21/2006 Analyst: JBA		
TPH (Diesel Range)	1.5		0.050	mg/L	1	1/3/2007 10:14:00 AM
Surr: 2-Fluorobiphenyl	98.2		70-130	%REC	1	1/3/2007 10:14:00 AM
MERCURY, TOTAL						
			SW7470	Prep Date: 12/26/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:46:59 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 12/22/2006 Analyst: ALR		
Aluminum	0.0446		0.0100	mg/L	1	12/28/2006 5:57:00 AM
Arsenic	0.0335		0.00500	mg/L	1	12/30/2006 3:34:00 AM
Barium	0.0283		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Beryllium	ND		0.00200	mg/L	1	12/28/2006 5:57:00 AM
Boron	0.332		0.0200	mg/L	1	12/28/2006 5:57:00 AM
Cadmium	ND		0.00200	mg/L	1	12/28/2006 5:57:00 AM
Calcium	252		25.0	mg/L	50	12/28/2006 9:27:00 PM
Chromium	ND		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Cobalt	ND		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 3:34:00 AM
Iron	1.27		0.200	mg/L	1	12/28/2006 5:57:00 AM
Lead	ND		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Magnesium	107		10.0	mg/L	50	12/28/2006 9:27:00 PM
Manganese	0.760		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Molybdenum	0.0138		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Nickel	0.00534		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Potassium	2.24		0.200	mg/L	1	12/28/2006 5:57:00 AM
Selenium	ND		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 3:34:00 AM
Sodium	78.9		0.200	mg/L	1	12/28/2006 5:57:00 AM
Vanadium	ND		0.00500	mg/L	1	12/28/2006 5:57:00 AM
Zinc	0.0144		0.00500	mg/L	1	12/28/2006 5:57:00 AM
VOLATILES BY GC/MS						
			SW8260	Analyst: HLBW		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-13

Client Sample ID: NCL-44
Collection Date: 12/19/2006 9:30:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/28/2006 5:07:00 PM
2-Hexanone	ND		10	µg/L	1	12/28/2006 5:07:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/28/2006 5:07:00 PM
Acetone	ND		10	µg/L	1	12/28/2006 5:07:00 PM
Benzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Bromoform	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Bromomethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Carbon disulfide	ND		10	µg/L	1	12/28/2006 5:07:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Chloroethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Chloroform	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Chloromethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
m,p-Xylene	ND		10	µg/L	1	12/28/2006 5:07:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Methylene chloride	ND		10	µg/L	1	12/28/2006 5:07:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Naphthalene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
o-Xylene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Styrene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Toluene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/28/2006 5:07:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/28/2006 5:07:00 PM
Xylenes, Total	ND		15	µg/L	1	12/28/2006 5:07:00 PM
Surr: 1,2-Dichloroethane-d4	95.5		70-125	%REC	1	12/28/2006 5:07:00 PM
Surr: 4-Bromofluorobenzene	92.4		72.4-125	%REC	1	12/28/2006 5:07:00 PM
Surr: Dibromofluoromethane	89.5		71.2-125	%REC	1	12/28/2006 5:07:00 PM
Surr: Toluene-d8	97.5		75-125	%REC	1	12/28/2006 5:07:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-13

Client Sample ID: NCL-44
Collection Date: 12/19/2006 9:30:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	188		2.50	mg/L	5	12/29/2006 10:44:00 PM
Fluoride	1.20		0.100	mg/L	1	12/29/2006 10:22:00 PM
Sulfate	574		100	mg/L	100	12/29/2006 11:06:00 PM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/27/2006 11:14:00 PM
Surr: Selenate (surr)	92.2		80-120	%REC	100	12/29/2006 11:06:00 PM
Surr: Selenate (surr)	92.7		80-120	%REC	1	12/29/2006 10:22:00 PM
Surr: Selenate (surr)	106		80-120	%REC	5	12/27/2006 11:14:00 PM
Surr: Selenate (surr)	95.7		80-120	%REC	5	12/29/2006 10:44:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	527		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	527		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.63		0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	1,860		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NCL-33

Work Order: 0612374

Collection Date: 12/19/2006 10:05:00 AM

Project: Navajo Artesia

Lab ID: 0612374-14

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
			SW8015M	Prep Date: 12/21/2006 Analyst: JBA		
TPH (Diesel Range)	1.6		0.050	mg/L	1	1/3/2007 10:53:00 AM
Surr: 2-Fluorobiphenyl	129		70-130	%REC	1	1/3/2007 10:53:00 AM
MERCURY, TOTAL						
			SW7470	Prep Date: 12/26/2006 Analyst: JCJ		
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:49:02 PM
ICP METALS, TOTAL						
			SW6020	Prep Date: 12/22/2006 Analyst: ALR		
Aluminum	0.0326		0.0100	mg/L	1	12/28/2006 6:03:00 AM
Arsenic	0.00572		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Barium	0.0248		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Beryllium	ND		0.00200	mg/L	1	12/28/2006 6:03:00 AM
Boron	0.600		0.0200	mg/L	1	12/28/2006 6:03:00 AM
Cadmium	ND		0.00200	mg/L	1	12/28/2006 6:03:00 AM
Calcium	342		50.0	mg/L	100	12/28/2006 9:33:00 PM
Chromium	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Cobalt	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Copper	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Iron	1.90		0.200	mg/L	1	12/28/2006 6:03:00 AM
Lead	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Magnesium	138		0.200	mg/L	1	12/28/2006 6:03:00 AM
Manganese	0.109		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Molybdenum	0.00507		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Nickel	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Potassium	4.00		0.200	mg/L	1	12/28/2006 6:03:00 AM
Selenium	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Silver	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Sodium	94.2		0.200	mg/L	1	12/28/2006 6:03:00 AM
Vanadium	ND		0.00500	mg/L	1	12/28/2006 6:03:00 AM
Zinc	0.00794		0.00500	mg/L	1	12/28/2006 6:03:00 AM
VOLATILES BY GC/MS						
			SW8260	Analyst: HLBW		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-14

Client Sample ID: NCL-33
Collection Date: 12/19/2006 10:05:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/28/2006 3:50:00 AM
2-Hexanone	ND		10	µg/L	1	12/28/2006 3:50:00 AM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/28/2006 3:50:00 AM
Acetone	ND		10	µg/L	1	12/28/2006 3:50:00 AM
Benzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Bromodichloromethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Bromoform	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Bromomethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Carbon disulfide	ND		10	µg/L	1	12/28/2006 3:50:00 AM
Carbon tetrachloride	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Chlorobenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Chloroethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Chloroform	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Chloromethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Dibromochloromethane	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Ethylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Isopropylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
m,p-Xylene	ND		10	µg/L	1	12/28/2006 3:50:00 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Methylene chloride	ND		10	µg/L	1	12/28/2006 3:50:00 AM
n-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
n-Propylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Naphthalene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
o-Xylene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
sec-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Styrene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Tetrachloroethene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Toluene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Trichloroethene	ND		5.0	µg/L	1	12/28/2006 3:50:00 AM
Vinyl chloride	ND		2.0	µg/L	1	12/28/2006 3:50:00 AM
Xylenes, Total	ND		15	µg/L	1	12/28/2006 3:50:00 AM
Surr: 1,2-Dichloroethane-d4	101		70-125	%REC	1	12/28/2006 3:50:00 AM
Surr: 4-Bromofluorobenzene	92.7		72.4-125	%REC	1	12/28/2006 3:50:00 AM
Surr: Dibromofluoromethane	97.7		71.2-125	%REC	1	12/28/2006 3:50:00 AM
Surr: Toluene-d8	100		75-125	%REC	1	12/28/2006 3:50:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-14

Client Sample ID: NCL-33
Collection Date: 12/19/2006 10:05:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	340		10.0	mg/L	20	12/29/2006 11:49:00 PM
Fluoride	1.95		0.100	mg/L	1	12/29/2006 11:28:00 PM
Sulfate	805		20.0	mg/L	20	12/29/2006 11:49:00 PM
Nitrate/Nitrite (as N)	0.545		0.500	mg/L	5	12/27/2006 11:36:00 PM
Surr: Selenate (surr)	106		80-120	%REC	5	12/27/2006 11:36:00 PM
Surr: Selenate (surr)	93.8		80-120	%REC	20	12/29/2006 11:49:00 PM
Surr: Selenate (surr)	94.3		80-120	%REC	1	12/29/2006 11:28:00 PM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	428		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	428		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.33		0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,450		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-15

Client Sample ID: NCL-34
Collection Date: 12/19/2006 10:20:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	5.1		0.25	mg/L	5	1/4/2007 8:02:00 AM
<i>Surr: 2-Fluorobiphenyl</i>	213	S	70-130	%REC	5	1/4/2007 8:02:00 AM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:51:05 PM
ICP METALS, TOTAL						
Aluminum	0.176		0.0100	mg/L	1	12/28/2006 6:09:00 AM
Arsenic	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Barium	0.499		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Beryllium	ND		0.00200	mg/L	1	12/28/2006 6:09:00 AM
Boron	0.310		0.0200	mg/L	1	12/28/2006 6:09:00 AM
Cadmium	ND		0.00200	mg/L	1	12/28/2006 6:09:00 AM
Calcium	180		25.0	mg/L	50	12/28/2006 9:39:00 PM
Chromium	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Cobalt	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Copper	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Iron	ND		0.200	mg/L	1	12/28/2006 6:09:00 AM
Lead	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Magnesium	77.3		0.200	mg/L	1	12/28/2006 6:09:00 AM
Manganese	0.0735		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Molybdenum	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Nickel	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Potassium	1.04		0.200	mg/L	1	12/28/2006 6:09:00 AM
Selenium	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Silver	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Sodium	119		0.200	mg/L	1	12/28/2006 6:09:00 AM
Vanadium	ND		0.00500	mg/L	1	12/28/2006 6:09:00 AM
Zinc	0.00991		0.00500	mg/L	1	12/28/2006 6:09:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NCL-34

Work Order: 0612374

Collection Date: 12/19/2006 10:20:00 AM

Project: Navajo Artesia

Lab ID: 0612374-15

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/28/2006 4:11:00 AM
2-Hexanone	ND		10	µg/L	1	12/28/2006 4:11:00 AM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/28/2006 4:11:00 AM
Acetone	ND		10	µg/L	1	12/28/2006 4:11:00 AM
Benzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Bromodichloromethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Bromoform	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Bromomethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Carbon disulfide	ND		10	µg/L	1	12/28/2006 4:11:00 AM
Carbon tetrachloride	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Chlorobenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Chloroethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Chloroform	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Chloromethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Dibromochloromethane	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Ethylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Isopropylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
m,p-Xylene	ND		10	µg/L	1	12/28/2006 4:11:00 AM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Methylene chloride	ND		10	µg/L	1	12/28/2006 4:11:00 AM
n-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
n-Propylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Naphthalene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
o-Xylene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
sec-Butylbenzene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Styrene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Tetrachloroethene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Toluene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Trichloroethene	ND		5.0	µg/L	1	12/28/2006 4:11:00 AM
Vinyl chloride	ND		2.0	µg/L	1	12/28/2006 4:11:00 AM
Xylenes, Total	ND		15	µg/L	1	12/28/2006 4:11:00 AM
Surr: 1,2-Dichloroethane-d4	99.8		70-125	%REC	1	12/28/2006 4:11:00 AM
Surr: 4-Bromofluorobenzene	92.2		72.4-125	%REC	1	12/28/2006 4:11:00 AM
Surr: Dibromofluoromethane	97.8		71.2-125	%REC	1	12/28/2006 4:11:00 AM
Surr: Toluene-d8	98.6		75-125	%REC	1	12/28/2006 4:11:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: NCL-34

Work Order: 0612374

Collection Date: 12/19/2006 10:20:00 AM

Project: Navajo Artesia

Lab ID: 0612374-15

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	237		5.00	mg/L	10	12/30/2006 1:17:00 AM
Fluoride	1.02		0.100	mg/L	1	12/30/2006 12:11:00 AM
Sulfate	146		10.0	mg/L	10	12/30/2006 1:17:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/28/2006 1:26:00 AM
Surr: Selenate (surr)	104		80-120	%REC	5	12/28/2006 1:26:00 AM
Surr: Selenate (surr)	92.0		80-120	%REC	10	12/30/2006 1:17:00 AM
Surr: Selenate (surr)	92.1		80-120	%REC	1	12/30/2006 12:11:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO3)	574		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO3)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO3)	574		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.49		0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	1,380		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
 Work Order: 0612374
 Project: Navajo Artesia
 Lab ID: 0612374-16

Client Sample ID: Duplicate #4
 Collection Date: 12/19/2006
 Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	ND		0.050	mg/L	1	1/3/2007 1:24:00 PM
Surr: 2-Fluorobiphenyl	123		70-130	%REC	1	1/3/2007 1:24:00 PM
MERCURY, TOTAL						
Mercury	ND		0.000200	mg/L	1	12/27/2006 5:53:10 PM
ICP METALS, TOTAL						
Aluminum	ND		0.0100	mg/L	1	12/28/2006 6:15:00 AM
Arsenic	ND		0.00500	mg/L	1	12/30/2006 3:40:00 AM
Barium	0.0121		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Beryllium	ND		0.00200	mg/L	1	12/28/2006 6:15:00 AM
Boron	0.297		0.0200	mg/L	1	12/28/2006 6:15:00 AM
Cadmium	ND		0.00200	mg/L	1	12/28/2006 6:15:00 AM
Calcium	404		25.0	mg/L	50	12/28/2006 9:45:00 PM
Chromium	ND		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Cobalt	ND		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Copper	ND		0.00500	mg/L	1	12/30/2006 3:40:00 AM
Iron	ND		0.200	mg/L	1	12/28/2006 6:15:00 AM
Lead	ND		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Magnesium	174		10.0	mg/L	50	12/28/2006 9:45:00 PM
Manganese	ND		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Molybdenum	ND		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Nickel	ND		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Potassium	0.702		0.200	mg/L	1	12/28/2006 6:15:00 AM
Selenium	0.00913		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Silver	ND		0.00500	mg/L	1	12/30/2006 3:40:00 AM
Sodium	124		0.200	mg/L	1	12/28/2006 6:15:00 AM
Vanadium	0.0108		0.00500	mg/L	1	12/28/2006 6:15:00 AM
Zinc	0.0128		0.00500	mg/L	1	12/28/2006 6:15:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Duplicate #4

Work Order: 0612374

Collection Date: 12/19/2006

Project: Navajo Artesia

Lab ID: 0612374-16

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 6:16:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 6:16:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 6:16:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 6:16:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 6:16:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 6:16:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 6:16:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 6:16:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 6:16:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 6:16:00 PM
Surr: 1,2-Dichloroethane-d4	104		70-125	%REC	1	12/26/2006 6:16:00 PM
Surr: 4-Bromofluorobenzene	90.3		72.4-125	%REC	1	12/26/2006 6:16:00 PM
Surr: Dibromofluoromethane	102		71.2-125	%REC	1	12/26/2006 6:16:00 PM
Surr: Toluene-d8	91.8		75-125	%REC	1	12/26/2006 6:16:00 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

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e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-16

Client Sample ID: Duplicate #4
Collection Date: 12/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	201		5.00	mg/L	10	12/30/2006 3:29:00 AM
Fluoride	0.609		0.100	mg/L	1	12/30/2006 12:33:00 AM
Sulfate	1,600		50.0	mg/L	50	12/30/2006 3:51:00 AM
Nitrate/Nitrite (as N)	10.3		0.500	mg/L	5	12/28/2006 1:48:00 AM
Surr: Selenate (surr)	94.5		80-120	%REC	50	12/30/2006 3:51:00 AM
Surr: Selenate (surr)	92.9		80-120	%REC	1	12/30/2006 12:33:00 AM
Surr: Selenate (surr)	105		80-120	%REC	5	12/28/2006 1:48:00 AM
Surr: Selenate (surr)	97.0		80-120	%REC	10	12/30/2006 3:29:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	209		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	209		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.98		0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,980		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-17

Client Sample ID: Duplicate #5
Collection Date: 12/19/2006
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
MODIFIED 8015 TPH						
TPH (Diesel Range)	0.13		SW8015M 0.050	mg/L	1	Prep Date: 12/21/2006 Analyst: JBA 1/3/2007 2:03:00 PM
Surr: 2-Fluorobiphenyl	95.0		70-130	%REC	1	1/3/2007 2:03:00 PM
MERCURY, TOTAL						
Mercury	ND		SW7470 0.000200	mg/L	1	Prep Date: 12/26/2006 Analyst: JCJ 12/27/2006 5:59:24 PM
ICP METALS, TOTAL						
Aluminum	0.582		SW6020 0.0100	mg/L	1	Prep Date: 12/22/2006 Analyst: ALR 12/30/2006 3:46:00 AM
Arsenic	0.00824		0.00500	mg/L	1	12/31/2006 1:48:00 AM
Barium	0.0256		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Beryllium	ND		0.00400	mg/L	2	1/4/2007 3:55:00 PM
Boron	0.302		0.0400	mg/L	2	1/4/2007 3:55:00 PM
Cadmium	ND		0.00200	mg/L	1	12/30/2006 3:46:00 AM
Calcium	390		50.0	mg/L	100	12/28/2006 9:51:00 PM
Chromium	0.00541		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Cobalt	ND		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Copper	ND		0.00500	mg/L	1	12/31/2006 1:48:00 AM
Iron	0.680		0.200	mg/L	1	12/30/2006 3:46:00 AM
Lead	ND		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Magnesium	137		0.200	mg/L	1	12/30/2006 3:46:00 AM
Manganese	0.789		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Molybdenum	0.00706		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Nickel	0.00808		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Potassium	3.48		0.200	mg/L	1	12/30/2006 3:46:00 AM
Selenium	ND		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Silver	ND		0.00500	mg/L	1	12/31/2006 1:48:00 AM
Sodium	71.7		0.200	mg/L	1	12/30/2006 3:46:00 AM
Vanadium	0.0122		0.00500	mg/L	1	12/30/2006 3:46:00 AM
Zinc	0.0254		0.00500	mg/L	1	12/30/2006 3:46:00 AM
VOLATILES BY GC/MS						
1,1,1-Trichloroethane	ND		SW8260 5.0	µg/L	1	Analyst: PC 12/26/2006 6:41:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-17

Client Sample ID: Duplicate #5
Collection Date: 12/19/2006
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
2-Butanone	ND		10	µg/L	1	12/26/2006 6:41:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 6:41:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 6:41:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 6:41:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 6:41:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 6:41:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 6:41:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 6:41:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 6:41:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 6:41:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	12/26/2006 6:41:00 PM
Surr: 4-Bromofluorobenzene	94.2		72.4-125	%REC	1	12/26/2006 6:41:00 PM
Surr: Dibromofluoromethane	95.9		71.2-125	%REC	1	12/26/2006 6:41:00 PM
Surr: Toluene-d8	91.9		75-125	%REC	1	12/26/2006 6:41:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-17

Client Sample ID: Duplicate #5
Collection Date: 12/19/2006

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
ANIONS BY ION CHROMATOGRAPHY			E300			Analyst: PV
Chloride	203		5.00	mg/L	10	12/30/2006 4:13:00 AM
Fluoride	1.24		0.100	mg/L	1	12/30/2006 12:55:00 AM
Sulfate	1,210		50.0	mg/L	50	12/30/2006 4:35:00 AM
Nitrate/Nitrite (as N)	ND		0.500	mg/L	5	12/28/2006 2:10:00 AM
Surr: Selenate (surr)	93.4		80-120	%REC	50	12/30/2006 4:35:00 AM
Surr: Selenate (surr)	93.0		80-120	%REC	1	12/30/2006 12:55:00 AM
Surr: Selenate (surr)	104		80-120	%REC	5	12/28/2006 2:10:00 AM
Surr: Selenate (surr)	96.4		80-120	%REC	10	12/30/2006 4:13:00 AM
ALKALINITY			E310.1			Analyst: RPM
Alkalinity, Bicarbonate (As CaCO ₃)	292		5.00	mg/L	1	12/26/2006
Alkalinity, Carbonate (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Hydroxide (As CaCO ₃)	ND		5.00	mg/L	1	12/26/2006
Alkalinity, Total (As CaCO ₃)	292		5.00	mg/L	1	12/26/2006
PH			E150.1			Analyst: RPM
pH	6.51		0.100	pH units	1	12/20/2006
TOTAL DISSOLVED SOLIDS			E160.1			Analyst: MAM
Total Dissolved Solids (Residue, Filterable)	2,490		10.0	mg/L	1	12/20/2006

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

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

e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-18

Client Sample ID: Field Blank
Collection Date: 12/18/2006 3:54:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260	Analyst: PC		
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
2-Butanone	ND		10	µg/L	1	12/26/2006 4:36:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 4:36:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 4:36:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 4:36:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 4:36:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 4:36:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 4:36:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 4:36:00 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: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank

Work Order: 0612374

Collection Date: 12/18/2006 3:54:00 PM

Project: Navajo Artesia

Lab ID: 0612374-18

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 4:36:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 4:36:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 4:36:00 PM
Surr: 1,2-Dichloroethane-d4	95.3		70-125	%REC	1	12/26/2006 4:36:00 PM
Surr: 4-Bromofluorobenzene	83.1		72.4-125	%REC	1	12/26/2006 4:36:00 PM
Surr: Dibromofluoromethane	88.6		71.2-125	%REC	1	12/26/2006 4:36:00 PM
Surr: Toluene-d8	82.7		75-125	%REC	1	12/26/2006 4:36:00 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

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e-Lab Analytical, Inc.

Date: January 05, 2007

CLIENT: Navajo Refining Company

Client Sample ID: Field Blank 2

Work Order: 0612374

Collection Date: 12/19/2006 10:35:00 AM

Project: Navajo Artesia

Lab ID: 0612374-19

Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
VOLATILES BY GC/MS			SW8260			Analyst: PC
1,1,1-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
2-Butanone	ND		10	µg/L	1	12/26/2006 5:01:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 5:01:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 5:01:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 5:01:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 5:01:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 5:01:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 5:01:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 5:01:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-19

Client Sample ID: Field Blank 2
Collection Date: 12/19/2006 10:35:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 5:01:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 5:01:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 5:01:00 PM
Surr: 1,2-Dichloroethane-d4	103		70-125	%REC	1	12/26/2006 5:01:00 PM
Surr: 4-Bromofluorobenzene	87.3		72.4-125	%REC	1	12/26/2006 5:01:00 PM
Surr: Dibromofluoromethane	96.5		71.2-125	%REC	1	12/26/2006 5:01:00 PM
Surr: Toluene-d8	88.6		75-125	%REC	1	12/26/2006 5:01:00 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-20

Client Sample ID: Equipment Blank
Collection Date: 12/18/2006 4:15:00 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	12/26/2006 5:26:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
2-Butanone	ND		10	µg/L	1	12/26/2006 5:26:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 5:26:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 5:26:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 5:26:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 5:26:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 5:26:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 5:26:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-20

Client Sample ID: Equipment Blank
Collection Date: 12/18/2006 4:15:00 PM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 5:26:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 5:26:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 5:26:00 PM
Surr: 1,2-Dichloroethane-d4	101		70-125	%REC	1	12/26/2006 5:26:00 PM
Surr: 4-Bromofluorobenzene	85.3		72.4-125	%REC	1	12/26/2006 5:26:00 PM
Surr: Dibromofluoromethane	92.6		71.2-125	%REC	1	12/26/2006 5:26:00 PM
Surr: Toluene-d8	83.8		75-125	%REC	1	12/26/2006 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-21

Client Sample ID: Equipment Blank 2
Collection Date: 12/19/2006 10:40:00 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	12/26/2006 5:51:00 PM
1,1,2,2-Tetrachloroethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,1,2-Trichloroethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,1-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,1-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,2,4-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,2-Dibromoethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,2-Dichloroethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,2-Dichloropropane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
1,3,5-Trimethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
2-Butanone	ND		10	µg/L	1	12/26/2006 5:51:00 PM
2-Hexanone	ND		10	µg/L	1	12/26/2006 5:51:00 PM
4-Isopropyltoluene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
4-Methyl-2-pentanone	ND		10	µg/L	1	12/26/2006 5:51:00 PM
Acetone	ND		10	µg/L	1	12/26/2006 5:51:00 PM
Benzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Bromodichloromethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Bromoform	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Bromomethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Carbon disulfide	ND		10	µg/L	1	12/26/2006 5:51:00 PM
Carbon tetrachloride	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Chlorobenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Chloroethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Chloroform	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Chloromethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
cis-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
cis-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Dibromochloromethane	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Ethylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Isopropylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
m,p-Xylene	ND		10	µg/L	1	12/26/2006 5:51:00 PM
Methyl tert-butyl ether	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Methylene chloride	ND		10	µg/L	1	12/26/2006 5:51:00 PM
n-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
n-Propylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Naphthalene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
o-Xylene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
sec-Butylbenzene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Styrene	ND		5.0	µg/L	1	12/26/2006 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: January 05, 2007

CLIENT: Navajo Refining Company
Work Order: 0612374
Project: Navajo Artesia
Lab ID: 0612374-21

Client Sample ID: Equipment Blank 2
Collection Date: 12/19/2006 10:40:00 AM
Matrix: WATER

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Tetrachloroethene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Toluene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
trans-1,2-Dichloroethene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
trans-1,3-Dichloropropene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Trichloroethene	ND		5.0	µg/L	1	12/26/2006 5:51:00 PM
Vinyl chloride	ND		2.0	µg/L	1	12/26/2006 5:51:00 PM
Xylenes, Total	ND		15	µg/L	1	12/26/2006 5:51:00 PM
Surr: 1,2-Dichloroethane-d4	105		70-125	%REC	1	12/26/2006 5:51:00 PM
Surr: 4-Bromofluorobenzene	84.6		72.4-125	%REC	1	12/26/2006 5:51:00 PM
Surr: Dibromofluoromethane	94.5		71.2-125	%REC	1	12/26/2006 5:51:00 PM
Surr: Toluene-d8	88.0		75-125	%REC	1	12/26/2006 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: Jan 05 2007

CLIENT: Navajo Refining Company

Work Order: 0612374

Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21333 Instrument ID FID-2 Method: SW8015M

MBLK Sample ID: FBLKW1-061221 Units: mg/L Analysis Date: 01/03/07 15:31

Client ID: Run ID: FID-2_061221A SeqNo: 1027964 Prep Date: 12/21/2006 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	0.07668	0.010	0.1	0	76.7	70-130	0			

LCS Sample ID: FLCSW1-061221 Units: mg/L Analysis Date: 01/03/07 16:10

Client ID: Run ID: FID-2_061221A SeqNo: 1027965 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	0.9556	0.050	1	0	95.6	70-130	0			
Surr: 2-Fluorobiphenyl	0.1009	0.010	0.1	0	101	70-130	0			

LCSD Sample ID: FLCSDW1-061221 Units: mg/L Analysis Date: 01/03/07 16:53

Client ID: Run ID: FID-2_061221A SeqNo: 1027966 Prep Date: 12/21/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
TPH (Diesel Range)	1.077	0.050	1	0	108	70-130	0.9556	11.9	20	
Surr: 2-Fluorobiphenyl	0.1214	0.010	0.1	0	121	70-130	0.1009	18.5	20	

The following samples were analyzed in this batch:

0612374-01E	0612374-02E	0612374-03E
0612374-04E	0612374-05E	0612374-06E
0612374-07E	0612374-08E	0612374-11E
0612374-12E	0612374-13E	0612374-14E
0612374-15E	0612374-16E	0612374-17E

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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **21364** Instrument ID **ICPMS02** Method: **SW6020**

MBLK Sample ID: **MBLKW4-122206** Units: **mg/L** Analysis Date: **12/27/06 7:36**
 Client ID: Run ID: **ICPMS02_061226A** SeqNo: **1023947** Prep Date: **12/22/2006** DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	ND	0.010								
Arsenic	ND	0.0050								
Barium	0.001531	0.0050								J
Beryllium	ND	0.0020								
Boron	ND	0.020								
Cadmium	ND	0.0020								
Calcium	0.1645	0.50								J
Chromium	ND	0.0050								
Cobalt	ND	0.0050								
Copper	ND	0.0050								
Iron	ND	0.20								
Lead	ND	0.0050								
Magnesium	ND	0.20								
Manganese	0.002425	0.0050								J
Molybdenum	ND	0.0050								
Nickel	ND	0.0050								
Potassium	ND	0.20								
Selenium	ND	0.0050								
Silver	ND	0.0050								
Sodium	0.1792	0.20								J
Vanadium	ND	0.0050								
Zinc	ND	0.0050								

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

LCS Sample ID: MLC4-122206 Units: mg/L Analysis Date: 12/27/06 7:42

Client ID: Run ID: ICPMS02_061226A SeqNo: 1023948 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04868	0.010	0.05	0	97.4	79-126	0			
Arsenic	0.04714	0.0050	0.05	0	94.3	80-121	0			
Barium	0.04819	0.0050	0.05	0	96.4	79.8-119	0			
Beryllium	0.0433	0.0020	0.05	0	86.6	78.9-120	0			
Boron	0.4444	0.020	0.5	0	88.9	80-120	0			
Cadmium	0.04939	0.0020	0.05	0	98.8	79.1-119	0			
Calcium	4.955	0.50	5	0	99.1	80-121	0			
Chromium	0.04472	0.0050	0.05	0	89.4	79.3-121	0			
Cobalt	0.04996	0.0050	0.05	0	99.9	82-121	0			
Copper	0.04501	0.0050	0.05	0	90	81-120	0			
Iron	4.632	0.20	5	0	92.6	80-120	0			
Lead	0.04713	0.0050	0.05	0	94.3	80-118	0			
Magnesium	4.6	0.20	5	0	92	80-120	0			
Manganese	0.04751	0.0050	0.05	0	95	82-119	0			
Molybdenum	0.04653	0.0050	0.05	0	93.1	81-116	0			
Nickel	0.04755	0.0050	0.05	0	95.1	82-120	0			
Potassium	4.658	0.20	5	0	93.2	80-120	0			
Selenium	0.04774	0.0050	0.05	0	95.5	79.2-118	0			
Silver	0.04363	0.0050	0.05	0	87.3	80-117	0			
Sodium	4.708	0.20	5	0	94.2	80.6-119	0			
Vanadium	0.0462	0.0050	0.05	0	92.4	82.1-119	0			
Zinc	0.04976	0.0050	0.05	0	99.5	79-118	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0612339-01BMS Units: mg/L Analysis Date: 12/27/06 8:06

Client ID: Run ID: ICPMS02_061226A SeqNo: 1023952 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04597	0.010	0.05	0.0048	82.3	79-126	0			
Arsenic	0.04555	0.0050	0.05	0.001317	88.5	80-121	0			
Barium	0.1371	0.0050	0.05	0.09146	91.3	79.8-119	0			
Beryllium	0.04209	0.0020	0.05	-0.0006573	85.5	78.9-120	0			
Boron	0.5012	0.020	0.5	0.08057	84.1	80-120	0			
Cadmium	0.04542	0.0020	0.05	-0.000771	92.4	79.1-119	0			
Calcium	36.96	0.50	5	32.31	93	80-121	0			O
Chromium	0.04168	0.0050	0.05	-0.0006094	84.6	79.3-121	0			
Cobalt	0.05922	0.0050	0.05	0.01226	93.9	82-121	0			
Copper	0.04179	0.0050	0.05	-0.00006029	83.7	80-120	0			
Iron	4.266	0.20	5	-0.07086	86.7	80-120	0			
Lead	0.04527	0.0050	0.05	0.0003444	89.9	80-118	0			
Magnesium	7.699	0.20	5	3.345	87.1	80-120	0			
Manganese	0.05466	0.0050	0.05	0.01248	84.4	82-119	0			
Molybdenum	0.04485	0.0050	0.05	0.000658	88.4	81-116	0			
Nickel	0.07083	0.0050	0.05	0.02618	89.3	82-120	0			
Potassium	4.539	0.20	5	0.1592	87.6	80-120	0			
Selenium	0.04505	0.0050	0.05	0.001201	87.7	79.2-118	0			
Silver	0.03898	0.0050	0.05	-0.0001954	78.4	80-117	0			S
Sodium	172.3	0.20	5	163	186	80.6-119	0			SO
Vanadium	0.04695	0.0050	0.05	0.002068	89.8	82.1-119	0			
Zinc	0.04961	0.0050	0.05	0.003113	93	79-118	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

MSD Sample ID: 0612339-01BMSD Units: mg/L Analysis Date: 12/27/06 8:12

Client ID: Run ID: ICPMS02_061226A SeqNo: 1023953 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04616	0.010	0.05	0.0048	82.7	79-126	0.04597	0.412	15	
Arsenic	0.04423	0.0050	0.05	0	88.5	80-121	0.04555	2.94	15	
Barium	0.134	0.0050	0.05	0.09146	85.1	79.8-119	0.1371	2.29	15	
Beryllium	0.04142	0.0020	0.05	0	82.8	78.9-120	0.04209	1.6	15	
Boron	0.5047	0.020	0.5	0.08057	84.8	80-120	0.5012	0.696	15	
Cadmium	0.04523	0.0020	0.05	0	90.5	79.1-119	0.04542	0.419	15	
Calcium	36.55	0.50	5	32.31	84.8	80-121	36.96	1.12	15	O
Chromium	0.04181	0.0050	0.05	0	83.6	79.3-121	0.04168	0.311	15	
Cobalt	0.05837	0.0050	0.05	0.01226	92.2	82-121	0.05922	1.45	15	
Copper	0.04042	0.0050	0.05	0	80.8	81-120	0.04179	3.33	15	S
Iron	4.261	0.20	5	0	85.2	80-120	4.266	0.117	15	
Lead	0.04537	0.0050	0.05	0.0003444	90.1	80-118	0.04527	0.221	15	
Magnesium	7.644	0.20	5	3.345	86	80-120	7.699	0.717	15	
Manganese	0.05488	0.0050	0.05	0.01248	84.8	82-119	0.05466	0.402	15	
Molybdenum	0.04515	0.0050	0.05	0	90.3	81-116	0.04485	0.667	15	
Nickel	0.0692	0.0050	0.05	0.02618	86	82-120	0.07083	2.33	15	
Potassium	4.532	0.20	5	0.1592	87.5	80-120	4.539	0.154	15	
Selenium	0.04612	0.0050	0.05	0	92.2	79.2-118	0.04505	2.35	15	
Silver	0.03827	0.0050	0.05	0	76.5	80-117	0.03898	1.84	15	S
Sodium	169	0.20	5	163	120	80.6-119	172.3	1.93	15	SO
Vanadium	0.04646	0.0050	0.05	0.002068	88.8	82.1-119	0.04695	1.05	15	
Zinc	0.04836	0.0050	0.05	0.003113	90.5	79-118	0.04961	2.55	15	

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21364 Instrument ID ICPMS02 Method: SW6020

DUP Sample ID: 0612339-01BDUP Units: mg/L Analysis Date: 12/27/06 7:54

Client ID: Run ID: ICPMS02_061226A SeqNo: 1023950 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.004341	0.010	0	0	0	0-0	0.0048	0	25	J
Arsenic	ND	0.0050	0	0	0	0-0	0.001317	0	25	
Barium	0.09066	0.0050	0	0	0	0-0	0.09146	0.879	25	
Beryllium	ND	0.0020	0	0	0	0-0	-0.0006573	0	25	
Boron	0.07518	0.020	0	0	0	0-0	0.08057	6.92	25	
Cadmium	ND	0.0020	0	0	0	0-0	-0.000771	0	25	
Calcium	32.05	0.50	0	0	0	0-0	32.31	0.808	25	
Chromium	ND	0.0050	0	0	0	0-0	-0.0006094	0	25	
Cobalt	0.01209	0.0050	0	0	0	0-0	0.01226	1.4	25	
Copper	ND	0.0050	0	0	0	0-0	-0.0006029	0	25	
Iron	ND	0.20	0	0	0	0-0	-0.07086	0	25	
Lead	ND	0.0050	0	0	0	0-0	0.0003444	0	25	
Magnesium	3.36	0.20	0	0	0	0-0	3.345	0.447	25	
Manganese	0.01196	0.0050	0	0	0	0-0	0.01248	4.26	25	
Molybdenum	ND	0.0050	0	0	0	0-0	0.000658	0	25	
Nickel	0.02554	0.0050	0	0	0	0-0	0.02618	2.47	25	
Potassium	0.1531	0.20	0	0	0	0-0	0.1592	0	25	J
Selenium	ND	0.0050	0	0	0	0-0	0.001201	0	25	
Silver	ND	0.0050	0	0	0	0-0	-0.0001954	0	25	
Sodium	164.2	0.20	0	0	0	0-0	163	0.733	25	
Vanadium	0.002056	0.0050	0	0	0	0-0	0.002068	0	25	J
Zinc	0.002338	0.0050	0	0	0	0-0	0.003113	0	25	J

The following samples were analyzed in this batch:

0612374-01D 0612374-02D 0612374-03D

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21365 Instrument ID ICPMS02 Method: SW6020

MBLK Sample ID: MBLKW5-122206 Units: mg/L Analysis Date: 12/28/06 20:15

Client ID: Run ID: ICPMS02_061228A SeqNo: 1025461 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	ND	0.010								
Arsenic	ND	0.0050								
Barium	ND	0.0050								
Cadmium	ND	0.0020								
Calcium	0.09146	0.50								J
Chromium	0.0006073	0.0050								J
Cobalt	ND	0.0050								
Copper	ND	0.0050								
Iron	ND	0.20								
Lead	ND	0.0050								
Magnesium	0.06621	0.20								J
Manganese	0.00121	0.0050								J
Molybdenum	ND	0.0050								
Nickel	ND	0.0050								
Potassium	0.06096	0.20								J
Selenium	ND	0.0050								
Silver	ND	0.0050								
Sodium	0.03317	0.20								J
Vanadium	0.0008495	0.0050								J
Zinc	ND	0.0050								

MBLK Sample ID: MBLKW5-122206 Units: mg/L Analysis Date: 12/29/06 17:45

Client ID: Run ID: ICPMS02_061229A SeqNo: 1026088 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	ND	0.0020								
Boron	ND	0.020								

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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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21365 Instrument ID ICPMS02 Method: SW6020

LCS		Sample ID: MLCSW5-122206		Units: mg/L			Analysis Date: 12/28/06 20:21			
Client ID:		Run ID: ICPMS02_061228A		SeqNo: 1025462		Prep Date: 12/22/2006		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.04806	0.010	0.05	0	96.1	79-126	0			
Arsenic	0.05084	0.0050	0.05	0	102	80-121	0			
Barium	0.05167	0.0050	0.05	0	103	79.8-119	0			
Cadmium	0.05314	0.0020	0.05	0	106	79.1-119	0			
Calcium	4.717	0.50	5	0	94.3	80-121	0			
Chromium	0.04961	0.0050	0.05	0	99.2	79.3-121	0			
Cobalt	0.05373	0.0050	0.05	0	107	82-121	0			
Copper	0.04841	0.0050	0.05	0	96.8	81-120	0			
Iron	4.924	0.20	5	0	98.5	80-120	0			
Lead	0.05063	0.0050	0.05	0	101	80-118	0			
Magnesium	4.834	0.20	5	0	96.7	80-120	0			
Manganese	0.0475	0.0050	0.05	0	95	82-119	0			
Molybdenum	0.05103	0.0050	0.05	0	102	81-116	0			
Nickel	0.0517	0.0050	0.05	0	103	82-120	0			
Potassium	4.72	0.20	5	0	94.4	80-120	0			
Selenium	0.04906	0.0050	0.05	0	98.1	79.2-118	0			
Silver	0.04937	0.0050	0.05	0	98.7	80-117	0			
Sodium	4.692	0.20	5	0	93.8	80.6-119	0			
Vanadium	0.04893	0.0050	0.05	0	97.9	82.1-119	0			
Zinc	0.0527	0.0050	0.05	0	105	79-118	0			

LCS		Sample ID: MLCSW5-122206		Units: mg/L			Analysis Date: 12/29/06 17:51			
Client ID:		Run ID: ICPMS02_061229A		SeqNo: 1026089		Prep Date: 12/22/2006		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Beryllium	0.0491	0.0020	0.05	0	98.2	78.9-120	0			
Boron	0.4945	0.020	0.5	0	98.9	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21365 Instrument ID ICPMS02 Method: SW6020

MS Sample ID: 0612384-03BMS Units: mg/L Analysis Date: 12/28/06 7:09

Client ID: Run ID: ICPMS02_061227A SeqNo: 1024673 Prep Date: 12/22/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.07654	0.010	0.05	0.03176	89.6	79-126	0			
Arsenic	0.05444	0.0050	0.05	0.005675	97.5	80-121	0			
Barium	0.242	0.0050	0.05	0.196	92	79.8-119	0			
Beryllium	0.0456	0.0020	0.05	0	91.2	78.9-120	0			
Boron	0.5615	0.020	0.5	0.09176	93.9	80-120	0			
Cadmium	0.04783	0.0020	0.05	0	95.7	79.1-119	0			
Calcium	47.19	0.50	5	43.08	82.2	80-121	0			O
Chromium	0.04654	0.0050	0.05	0.0008909	91.3	79.3-121	0			
Cobalt	0.04963	0.0050	0.05	0	99.3	82-121	0			
Copper	0.0638	0.0050	0.05	0.01698	93.6	80-120	0			
Iron	4.587	0.20	5	0	91.7	80-120	0			
Lead	0.04833	0.0050	0.05	0	96.7	80-118	0			
Magnesium	8.493	0.20	5	3.734	95.2	80-120	0			
Manganese	0.046	0.0050	0.05	0	92	82-119	0			
Molybdenum	0.05301	0.0050	0.05	0.004348	97.3	81-116	0			
Nickel	0.04772	0.0050	0.05	0.000971	93.5	82-120	0			
Potassium	62.4	0.20	5	57.54	97.2	80-120	0			O
Selenium	0.04722	0.0050	0.05	0	94.4	79.2-118	0			
Silver	0.0425	0.0050	0.05	0	85	80-117	0			
Sodium	615.3	0.20	5	609.8	110	80.6-119	0			EO
Vanadium	0.05064	0.0050	0.05	0.002691	95.9	82.1-119	0			
Zinc	0.05162	0.0050	0.05	0.005013	93.2	79-118	0			

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21365 Instrument ID ICPMS02 Method: SW6020

MSD	Sample ID: 0612384-03BMSD				Units: mg/L			Analysis Date: 12/28/06 7:15		
Client ID:	Run ID: ICPMS02_061227A				SeqNo: 1024674			Prep Date: 12/22/2006 DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.0731	0.010	0.05	0.03176	82.7	79-126	0.07654	4.6	15	
Arsenic	0.0528	0.0050	0.05	0.005675	94.2	80-121	0.05444	3.06	15	
Barium	0.231	0.0050	0.05	0.196	70	79.8-119	0.242	4.65	15	S
Beryllium	0.04505	0.0020	0.05	0	90.1	78.9-120	0.0456	1.21	15	
Boron	0.551	0.020	0.5	0.09176	91.8	80-120	0.5615	1.89	15	
Cadmium	0.04675	0.0020	0.05	0	93.5	79.1-119	0.04783	2.28	15	
Calcium	45.25	0.50	5	43.08	43.4	80-121	47.19	4.2	15	SO
Chromium	0.04561	0.0050	0.05	0.0008909	89.4	79.3-121	0.04654	2.02	15	
Cobalt	0.04824	0.0050	0.05	0	96.5	82-121	0.04963	2.84	15	
Copper	0.06101	0.0050	0.05	0.01698	88.1	81-120	0.0638	4.47	15	
Iron	4.422	0.20	5	0	88.4	80-120	4.587	3.66	15	
Lead	0.04775	0.0050	0.05	0	95.5	80-118	0.04833	1.21	15	
Magnesium	8.111	0.20	5	3.734	87.5	80-120	8.493	4.6	15	
Manganese	0.0448	0.0050	0.05	0	89.6	82-119	0.046	2.64	15	
Molybdenum	0.05166	0.0050	0.05	0.004348	94.6	81-116	0.05301	2.58	15	
Nickel	0.04648	0.0050	0.05	0.000971	91	82-120	0.04772	2.63	15	
Potassium	59.76	0.20	5	57.54	44.4	80-120	62.4	4.32	15	SO
Selenium	0.0472	0.0050	0.05	0	94.4	79.2-118	0.04722	0.0424	15	
Silver	0.04152	0.0050	0.05	0	83	80-117	0.0425	2.33	15	
Sodium	580.1	0.20	5	609.8	-594	80.6-119	615.3	5.89	15	SEO
Vanadium	0.04953	0.0050	0.05	0.002691	93.7	82.1-119	0.05064	2.22	15	
Zinc	0.05184	0.0050	0.05	0.005013	93.7	79-118	0.05162	0.425	15	

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21365 Instrument ID ICPMS02 Method: SW6020

DUP		Sample ID: 0612384-03BDUP		Units: mg/L		Analysis Date: 12/28/06 6:57				
Client ID:		Run ID: ICPMS02_061227A		SeqNo: 1024671		Prep Date: 12/22/2006		DF: 1		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Aluminum	0.03191	0.010	0	0	0	0-0	0.03176	0.471	25	
Arsenic	0.005105	0.0050	0	0	0	0-0	0.005675	10.6	25	
Barium	0.1859	0.0050	0	0	0	0-0	0.196	5.29	25	
Beryllium	ND	0.0020	0	0	0	0-0	-0.0005545	0	25	
Boron	0.08726	0.020	0	0	0	0-0	0.09176	5.03	25	
Cadmium	ND	0.0020	0	0	0	0-0	-0.0006193	0	25	
Calcium	40.23	0.50	0	0	0	0-0	43.08	6.84	25	
Chromium	0.0007513	0.0050	0	0	0	0-0	0.0008909	0	25	J
Cobalt	ND	0.0050	0	0	0	0-0	-0.0006349	0	25	
Copper	0.01593	0.0050	0	0	0	0-0	0.01698	6.38	25	
Iron	ND	0.20	0	0	0	0-0	-0.04249	0	25	
Lead	ND	0.0050	0	0	0	0-0	-0.00003705	0	25	
Magnesium	3.49	0.20	0	0	0	0-0	3.734	6.76	25	
Manganese	ND	0.0050	0	0	0	0-0	0.0008405	0	25	
Molybdenum	0.004232	0.0050	0	0	0	0-0	0.004348	0	25	J
Nickel	ND	0.0050	0	0	0	0-0	0.000971	0	25	
Potassium	54.89	0.20	0	0	0	0-0	57.54	4.71	25	
Selenium	ND	0.0050	0	0	0	0-0	-0.000331	0	25	
Silver	ND	0.0050	0	0	0	0-0	-0.0007151	0	25	
Vanadium	0.002562	0.0050	0	0	0	0-0	0.002691	0	25	J
Zinc	0.004433	0.0050	0	0	0	0-0	0.005013	0	25	J

DUP		Sample ID: 0612384-03BDUP		Units: mg/L		Analysis Date: 12/29/06 19:02				
Client ID:		Run ID: ICPMS02_061229A		SeqNo: 1026100		Prep Date: 12/22/2006		DF: 100		
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Sodium	594.1	20	0	0	0	0-0	546	8.44	25	

The following samples were analyzed in this batch:

0612374-04D	0612374-05D	0612374-06D
0612374-07D	0612374-08D	0612374-11D
0612374-12D	0612374-13D	0612374-14D
0612374-15D	0612374-16D	0612374-17D

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: 21391 Instrument ID Mercury Method: SW7470

MBLK Sample ID: GBLKW5-122606 Units: mg/L Analysis Date: 12/27/06 17:10

Client ID: Run ID: MERCURY_061227E SeqNo: 1024325 Prep Date: 12/26/2006 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: GLCSW5-122606 Units: mg/L Analysis Date: 12/27/06 17:12

Client ID: Run ID: MERCURY_061227E SeqNo: 1024326 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00484	0.00020	0.005	0	96.8	85-115	0			

LCSD Sample ID: GLCSDW5-122606 Units: mg/L Analysis Date: 12/27/06 17:14

Client ID: Run ID: MERCURY_061227E SeqNo: 1024327 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00507	0.00020	0.005	0	101	85-115	0.00484	4.64	20	

MS Sample ID: 0612374-03DMS Units: mg/L Analysis Date: 12/27/06 17:20

Client ID: MW-53 Run ID: MERCURY_061227E SeqNo: 1024330 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00512	0.00020	0.005	-0.000018	103	85-115	0			

MSD Sample ID: 0612374-03DMSD Units: mg/L Analysis Date: 12/27/06 17:22

Client ID: MW-53 Run ID: MERCURY_061227E SeqNo: 1024331 Prep Date: 12/26/2006 DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Mercury	0.00522	0.00020	0.005	-0.000018	105	85-115	0.00512	1.93	20	

DUP Sample ID: 0612374-03DDUP Units: mg/L Analysis Date: 12/27/06 17:18

Client ID: MW-53 Run ID: MERCURY_061227E SeqNo: 1024329 Prep Date: 12/26/2006 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	-0.000018	0	20	

The following samples were analyzed in this batch:

0612374-01D	0612374-02D	0612374-03D
0612374-04D	0612374-05D	0612374-06D
0612374-07D	0612374-08D	0612374-11D
0612374-12D	0612374-13D	0612374-14D
0612374-15D	0612374-16D	0612374-17D

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45308** Instrument ID **VOA2** Method: **SW8260**

MBLK Sample ID: **VBLKW-061226** Units: **µg/L** Analysis Date: **12/26/06 12:50**

Client ID: Run ID: **VOA2_061226A** SeqNo: **1023744** 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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308	Instrument ID VOA2	Method: SW8260						
Toluene	ND	5.0						
trans-1,2-Dichloroethene	ND	5.0						
trans-1,3-Dichloropropene	ND	5.0						
Trichloroethene	ND	5.0						
Vinyl chloride	ND	2.0						
Xylenes, Total	ND	15						
Surr: 1,2-Dichloroethane-d4	49.72	5.0	50	0	99.4	70-125	0	
Surr: 4-Bromofluorobenzene	41.92	5.0	50	0	83.8	72.4-125	0	
Surr: Dibromofluoromethane	46.19	5.0	50	0	92.4	71.2-125	0	
Surr: Toluene-d8	47.24	5.0	50	0	94.5	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308 Instrument ID VOA2 Method: SW8260

LCS Sample ID: VLCSW-061226 Units: µg/L Analysis Date: 12/26/06 12:00

Client ID: Run ID: VOA2_061226A SeqNo: 1023742 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	50.94	5.0	50	0	102	79.6-120	0			
1,1,2,2-Tetrachloroethane	50.45	5.0	50	0	101	78.9-121	0			
1,1,2-Trichloroethane	49.01	5.0	50	0	98	80-120	0			
1,1-Dichloroethane	50.01	5.0	50	0	100	74.2-122	0			
1,1-Dichloroethene	49.45	5.0	50	0	98.9	75.8-122	0			
1,2,4-Trimethylbenzene	47.89	5.0	50	0	95.8	80-120	0			
1,2-Dibromoethane	51.09	5.0	50	0	102	80-120	0			
1,2-Dichloroethane	51.23	5.0	50	0	102	78.8-120	0			
1,2-Dichloropropane	48.4	5.0	50	0	96.8	80-120	0			
1,3,5-Trimethylbenzene	47.42	5.0	50	0	94.8	80-120	0			
2-Butanone	104.2	10	100	0	104	69.2-131	0			
2-Hexanone	115.4	10	100	0	115	59.1-135	0			
4-Isopropyltoluene	47.11	5.0	50	0	94.2	80-120	0			
4-Methyl-2-pentanone	112.8	10	100	0	113	71.6-124	0			
Acetone	121.6	10	100	0	122	60.1-141	0			
Benzene	48.79	5.0	50	0	97.6	80-120	0			
Bromodichloromethane	53	5.0	50	0	106	80-120	0			
Bromoform	54.9	5.0	50	0	110	78.1-120	0			
Bromomethane	47.07	5.0	50	0	94.1	52.8-147	0			
Carbon disulfide	98.87	10	100	0	98.9	78.8-120	0			
Carbon tetrachloride	47.86	5.0	50	0	95.7	76.8-120	0			
Chlorobenzene	47.22	5.0	50	0	94.4	80-120	0			
Chloroethane	48.66	5.0	50	0	97.3	74.2-120	0			
Chloroform	48.67	5.0	50	0	97.3	80-120	0			
Chloromethane	40.86	5.0	50	0	81.7	63.5-133	0			
cis-1,2-Dichloroethene	47.92	5.0	50	0	95.8	80-120	0			
cis-1,3-Dichloropropene	49.72	5.0	50	0	99.4	80-120	0			
Dibromochloromethane	53.66	5.0	50	0	107	80-120	0			
Ethylbenzene	52.37	5.0	50	0	105	80-120	0			
Isopropylbenzene	47.6	5.0	50	0	95.2	80-120	0			
m,p-Xylene	97.28	10	100	0	97.3	80-120	0			
Methyl tert-butyl ether	55.13	5.0	50	0	110	75.8-123	0			
Methylene chloride	50.94	10	50	0	102	74.7-120	0			
n-Butylbenzene	46.99	5.0	50	0	94	80-120	0			
n-Propylbenzene	46.58	5.0	50	0	93.2	80-120	0			
Naphthalene	56.67	5.0	50	0	113	71.4-124	0			
o-Xylene	49.89	5.0	50	0	99.8	80-120	0			
sec-Butylbenzene	46.02	5.0	50	0	92	80-120	0			
Styrene	49	5.0	50	0	98	80-120	0			
Tetrachloroethene	48.36	5.0	50	0	96.7	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308		Instrument ID VOA2		Method: SW8260			
Toluene	50.47	5.0	50	0	101	80-120	0
trans-1,2-Dichloroethene	49.59	5.0	50	0	99.2	75.9-122	0
trans-1,3-Dichloropropene	51.64	5.0	50	0	103	80-120	0
Trichloroethene	49.58	5.0	50	0	99.2	80-120	0
Vinyl chloride	45.76	2.0	50	0	91.5	76.2-121	0
Xylenes, Total	147.2	15	150	0	98.1	80-120	0
Surr: 1,2-Dichloroethane-d4	47.74	5.0	50	0	95.5	70-125	0
Surr: 4-Bromofluorobenzene	48.55	5.0	50	0	97.1	72.4-125	0
Surr: Dibromofluoromethane	45.64	5.0	50	0	91.3	71.2-125	0
Surr: Toluene-d8	45.43	5.0	50	0	90.9	75-125	0

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308 Instrument ID VOA2 Method: SW8260

MS Sample ID: 0612339-03AMS Units: µg/L Analysis Date: 12/26/06 14:56

Client ID: Run ID: VOA2_061226A SeqNo: 1023748 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	49.77	5.0	50	0	99.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	45.57	5.0	50	0	91.1	78.9-121	0			
1,1,2-Trichloroethane	46.47	5.0	50	0	92.9	80-120	0			
1,1-Dichloroethane	48.1	5.0	50	0	96.2	74.2-122	0			
1,1-Dichloroethene	46.9	5.0	50	0	93.8	75.8-122	0			
1,2,4-Trimethylbenzene	48.5	5.0	50	0	97	80-120	0			
1,2-Dibromoethane	48.39	5.0	50	0	96.8	80-120	0			
1,2-Dichloroethane	50.37	5.0	50	0	101	78.8-120	0			
1,2-Dichloropropane	47.69	5.0	50	0	95.4	80-120	0			
1,3,5-Trimethylbenzene	47.52	5.0	50	0	95	80-120	0			
2-Butanone	87.05	10	100	0	87	69.2-131	0			
2-Hexanone	98.96	10	100	0	99	59.1-135	0			
4-Isopropyltoluene	52.59	5.0	50	0	105	80-120	0			
4-Methyl-2-pentanone	99.51	10	100	0	99.5	71.6-124	0			
Acetone	98.73	10	100	0	98.7	60.1-141	0			
Benzene	47.6	5.0	50	0	95.2	80-120	0			
Bromodichloromethane	51.48	5.0	50	0	103	80-120	0			
Bromoform	49.62	5.0	50	0	99.2	78.1-120	0			
Bromomethane	39.97	5.0	50	0	79.9	52.8-147	0			
Carbon disulfide	88.66	10	100	0	88.7	78.8-120	0			
Carbon tetrachloride	45.12	5.0	50	0	90.2	76.8-120	0			
Chlorobenzene	46.65	5.0	50	0	93.3	80-120	0			
Chloroethane	50.35	5.0	50	0	101	74.2-120	0			
Chloroform	48.16	5.0	50	0	96.3	80-120	0			
Chloromethane	38.96	5.0	50	0	77.9	63.5-133	0			
cis-1,2-Dichloroethene	46.88	5.0	50	0	93.8	80-120	0			
cis-1,3-Dichloropropene	46.13	5.0	50	0	92.3	80-120	0			
Dibromochloromethane	50.36	5.0	50	0	101	80-120	0			
Ethylbenzene	51.72	5.0	50	0	103	80-120	0			
Isopropylbenzene	47.64	5.0	50	0	95.3	80-120	0			
m,p-Xylene	95.24	10	100	0	95.2	80-120	0			
Methyl tert-butyl ether	50.72	5.0	50	0	101	75.8-123	0			
Methylene chloride	48.42	10	50	0	96.8	74.7-120	0			
n-Butylbenzene	51.87	5.0	50	0	104	80-120	0			
n-Propylbenzene	46.97	5.0	50	0	93.9	80-120	0			
Naphthalene	55.69	5.0	50	0	111	71.4-124	0			
o-Xylene	48.14	5.0	50	0	96.3	80-120	0			
sec-Butylbenzene	49.63	5.0	50	0	99.3	80-120	0			
Styrene	47.74	5.0	50	0	95.5	80-120	0			
Tetrachloroethene	48.73	5.0	50	0	97.5	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308		Instrument ID VOA2		Method: SW8260			
Toluene	49.65	5.0	50	0	99.3	80-120	0
trans-1,2-Dichloroethene	48.05	5.0	50	0	96.1	75.9-122	0
trans-1,3-Dichloropropene	47.67	5.0	50	0	95.3	80-120	0
Trichloroethene	47.9	5.0	50	0	95.8	80-120	0
Vinyl chloride	44.14	2.0	50	0	88.3	76.2-121	0
Xylenes, Total	143.4	15	150	0	95.6	80-120	0
Surr: 1,2-Dichloroethane-d4	46.2	5.0	50	0	92.4	70-125	0
Surr: 4-Bromofluorobenzene	47.5	5.0	50	0	95	72.4-125	0
Surr: Dibromofluoromethane	46.77	5.0	50	0	93.5	71.2-125	0
Surr: Toluene-d8	45.6	5.0	50	0	91.2	75-125	0

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

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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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308 Instrument ID VOA2 Method: SW8260

MSD Sample ID: 0612339-03AMSD Units: µg/L Analysis Date: 12/26/06 15:21

Client ID: Run ID: VOA2_061226A SeqNo: 1023751 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.63	5.0	50	0	97.3	79.6-120	49.77	2.31	20	
1,1,2,2-Tetrachloroethane	47.41	5.0	50	0	94.8	78.9-121	45.57	3.98	20	
1,1,2-Trichloroethane	47.11	5.0	50	0	94.2	80-120	46.47	1.38	20	
1,1-Dichloroethane	47.83	5.0	50	0	95.7	74.2-122	48.1	0.552	20	
1,1-Dichloroethene	46.09	5.0	50	0	92.2	75.8-122	46.9	1.74	20	
1,2,4-Trimethylbenzene	46.94	5.0	50	0	93.9	80-120	48.5	3.26	20	
1,2-Dibromoethane	48.58	5.0	50	0	97.2	80-120	48.39	0.382	20	
1,2-Dichloroethane	48.92	5.0	50	0	97.8	78.8-120	50.37	2.93	20	
1,2-Dichloropropane	47	5.0	50	0	94	80-120	47.69	1.47	20	
1,3,5-Trimethylbenzene	46.67	5.0	50	0	93.3	80-120	47.52	1.82	20	
2-Butanone	93.9	10	100	0	93.9	69.2-131	87.05	7.57	20	
2-Hexanone	106.7	10	100	0	107	59.1-135	98.96	7.52	20	
4-Isopropyltoluene	46.56	5.0	50	0	93.1	80-120	52.59	12.2	20	
4-Methyl-2-pentanone	104.1	10	100	0	104	71.6-124	99.51	4.52	20	
Acetone	105.3	10	100	0	105	60.1-141	98.73	6.47	20	
Benzene	47.62	5.0	50	0	95.2	80-120	47.6	0.03	20	
Bromodichloromethane	50.57	5.0	50	0	101	80-120	51.48	1.79	20	
Bromoform	50.54	5.0	50	0	101	78.1-120	49.62	1.84	20	
Bromomethane	42.43	5.0	50	0	84.9	52.8-147	39.97	5.98	20	
Carbon disulfide	87.51	10	100	0	87.5	78.8-120	88.66	1.31	20	
Carbon tetrachloride	44.9	5.0	50	0	89.8	76.8-120	45.12	0.481	20	
Chlorobenzene	45.94	5.0	50	0	91.9	80-120	46.65	1.53	20	
Chloroethane	48.82	5.0	50	0	97.6	74.2-120	50.35	3.09	20	
Chloroform	47.79	5.0	50	0	95.6	80-120	48.16	0.773	20	
Chloromethane	39.13	5.0	50	0	78.3	63.5-133	38.96	0.435	20	
cis-1,2-Dichloroethene	45.55	5.0	50	0	91.1	80-120	46.88	2.89	20	
cis-1,3-Dichloropropene	46.03	5.0	50	0	92.1	80-120	46.13	0.214	20	
Dibromochloromethane	49.28	5.0	50	0	98.6	80-120	50.36	2.17	20	
Ethylbenzene	50.88	5.0	50	0	102	80-120	51.72	1.66	20	
Isopropylbenzene	46.26	5.0	50	0	92.5	80-120	47.64	2.92	20	
m,p-Xylene	93.35	10	100	0	93.3	80-120	95.24	2.01	20	
Methyl tert-butyl ether	52.05	5.0	50	0	104	75.8-123	50.72	2.59	20	
Methylene chloride	48.95	10	50	0	97.9	74.7-120	48.42	1.07	20	
n-Butylbenzene	46.26	5.0	50	0	92.5	80-120	51.87	11.4	20	
n-Propylbenzene	45.97	5.0	50	0	91.9	80-120	46.97	2.15	20	
Naphthalene	58.67	5.0	50	0	117	71.4-124	55.69	5.22	20	
o-Xylene	48.39	5.0	50	0	96.8	80-120	48.14	0.509	20	
sec-Butylbenzene	45.44	5.0	50	0	90.9	80-120	49.63	8.82	20	
Styrene	47.9	5.0	50	0	95.8	80-120	47.74	0.353	20	
Tetrachloroethene	47.21	5.0	50	0	94.4	80-120	48.73	3.17	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45308	Instrument ID VOA2		Method: SW8260							
Toluene	48.01	5.0	50	0	96	80-120	49.65	3.38	20	
trans-1,2-Dichloroethene	47.51	5.0	50	0	95	75.9-122	48.05	1.14	20	
trans-1,3-Dichloropropene	48.35	5.0	50	0	96.7	80-120	47.67	1.43	20	
Trichloroethene	46.67	5.0	50	0	93.3	80-120	47.9	2.6	20	
Vinyl chloride	44.37	2.0	50	0	88.7	76.2-121	44.14	0.524	20	
Xylenes, Total	141.7	15	150	0	94.5	80-120	143.4	1.15	20	
Surr: 1,2-Dichloroethane-d4	47.17	5.0	50	0	94.3	70-125	46.2	2.08	20	
Surr: 4-Bromofluorobenzene	47.21	5.0	50	0	94.4	72.4-125	47.5	0.607	20	
Surr: Dibromofluoromethane	47.35	5.0	50	0	94.7	71.2-125	46.77	1.23	20	
Surr: Toluene-d8	44.74	5.0	50	0	89.5	75-125	45.6	1.89	20	

The following samples were analyzed in this batch:

0612374-01A	0612374-02A	0612374-03A
0612374-04A	0612374-05A	0612374-06A
0612374-08A	0612374-09A	0612374-10A
0612374-16A	0612374-17A	0612374-18A
0612374-19A	0612374-20A	0612374-21A

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337 Instrument ID VOA4 Method: SW8260

MBLK Sample ID: VBLKW-122706 Units: µg/L Analysis Date: 12/27/06 22:09

Client ID: Run ID: VOA4_061227A SeqNo: 1024444 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	1.144	10								J
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	1.338	10								J
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	0.6882	5.0								J
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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337	Instrument ID VOA4	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	2.026	15						
Surr: 1,2-Dichloroethane-d4	49.8	5.0	50	0	99.6	70-125	0	J
Surr: 4-Bromofluorobenzene	45.72	5.0	50	0	91.4	72.4-125	0	
Surr: Dibromofluoromethane	47.97	5.0	50	0	95.9	71.2-125	0	
Surr: Toluene-d8	49.48	5.0	50	0	99	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337 Instrument ID VOA4 Method: SW8260

LCS		Sample ID: VLCSW-122706		Units: µg/L			Analysis Date: 12/27/06 21:27			
Client ID:		Run ID: VOA4_061227A		SeqNo: 1024443		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	49.96	5.0	50	0	99.9	79.6-120	0			
1,1,2,2-Tetrachloroethane	50.2	5.0	50	0	100	78.9-121	0			
1,1,2-Trichloroethane	49.2	5.0	50	0	98.4	80-120	0			
1,1-Dichloroethane	49.22	5.0	50	0	98.4	74.2-122	0			
1,1-Dichloroethene	47.55	5.0	50	0	95.1	75.8-122	0			
1,2,4-Trimethylbenzene	49.06	5.0	50	0	98.1	80-120	0			
1,2-Dibromoethane	48.95	5.0	50	0	97.9	80-120	0			
1,2-Dichloroethane	49.16	5.0	50	0	98.3	78.8-120	0			
1,2-Dichloropropane	49.04	5.0	50	0	98.1	80-120	0			
1,3,5-Trimethylbenzene	49.11	5.0	50	0	98.2	80-120	0			
2-Butanone	104.6	10	100	0	105	69.2-131	0			
2-Hexanone	110.1	10	100	0	110	59.1-135	0			
4-Isopropyltoluene	49.42	5.0	50	0	98.8	80-120	0			
4-Methyl-2-pentanone	107.1	10	100	0	107	71.6-124	0			
Acetone	107	10	100	0	107	60.1-141	0			
Benzene	49.06	5.0	50	0	98.1	80-120	0			
Bromodichloromethane	51	5.0	50	0	102	80-120	0			
Bromoform	48.99	5.0	50	0	98	78.1-120	0			
Bromomethane	55.73	5.0	50	0	111	52.8-147	0			
Carbon disulfide	99.74	10	100	0	99.7	78.8-120	0			
Carbon tetrachloride	49.66	5.0	50	0	99.3	76.8-120	0			
Chlorobenzene	48.68	5.0	50	0	97.4	80-120	0			
Chloroethane	47.73	5.0	50	0	95.5	74.2-120	0			
Chloroform	48.31	5.0	50	0	96.6	80-120	0			
Chloromethane	49.51	5.0	50	0	99	63.5-133	0			
cis-1,2-Dichloroethene	48.55	5.0	50	0	97.1	80-120	0			
cis-1,3-Dichloropropene	53.62	5.0	50	0	107	80-120	0			
Dibromochloromethane	50.89	5.0	50	0	102	80-120	0			
Ethylbenzene	49.03	5.0	50	0	98.1	80-120	0			
Isopropylbenzene	49.54	5.0	50	0	99.1	80-120	0			
m,p-Xylene	95.43	10	100	0	95.4	80-120	0			
Methyl tert-butyl ether	50.13	5.0	50	0	100	75.8-123	0			
Methylene chloride	47.32	10	50	0	94.6	74.7-120	0			
n-Butylbenzene	49.33	5.0	50	0	98.7	80-120	0			
n-Propylbenzene	48.51	5.0	50	0	97	80-120	0			
Naphthalene	52.64	5.0	50	0	105	71.4-124	0			
o-Xylene	48	5.0	50	0	96	80-120	0			
sec-Butylbenzene	49.18	5.0	50	0	98.4	80-120	0			
Styrene	50.72	5.0	50	0	101	80-120	0			
Tetrachloroethene	47.62	5.0	50	0	95.2	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337	Instrument ID VOA4		Method: SW8260				
Toluene	48.5	5.0	50	0	97	80-120	0
trans-1,2-Dichloroethene	48.97	5.0	50	0	97.9	75.9-122	0
trans-1,3-Dichloropropene	53.62	5.0	50	0	107	80-120	0
Trichloroethene	49.29	5.0	50	0	98.6	80-120	0
Vinyl chloride	48.89	2.0	50	0	97.8	76.2-121	0
Xylenes, Total	143.4	15	150	0	95.6	80-120	0
Surr: 1,2-Dichloroethane-d4	46.56	5.0	50	0	93.1	70-125	0
Surr: 4-Bromofluorobenzene	48.08	5.0	50	0	96.2	72.4-125	0
Surr: Dibromofluoromethane	47.32	5.0	50	0	94.6	71.2-125	0
Surr: Toluene-d8	49.37	5.0	50	0	98.7	75-125	0

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337 Instrument ID VOA4 Method: SW8260

MS Sample ID: 0612340-09AMS Units: µg/L Analysis Date: 12/27/06 23:13

Client ID: Run ID: VOA4_061227A SeqNo: 1024479 Prep Date: DF: 100

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	5073	500	5000	0	101	79.6-120	0			
1,1,2,2-Tetrachloroethane	4904	500	5000	0	98.1	78.9-121	0			
1,1,2-Trichloroethane	4824	500	5000	0	96.5	80-120	0			
1,1-Dichloroethane	5015	500	5000	0	100	74.2-122	0			
1,1-Dichloroethene	5127	500	5000	0	103	75.8-122	0			
1,2,4-Trimethylbenzene	5373	500	5000	847.2	90.5	80-120	0			
1,2-Dibromoethane	4903	500	5000	0	98.1	80-120	0			
1,2-Dichloroethane	4937	500	5000	0	98.7	78.8-120	0			
1,2-Dichloropropane	4968	500	5000	0	99.4	80-120	0			
1,3,5-Trimethylbenzene	4898	500	5000	216.1	93.6	80-120	0			
2-Butanone	9602	1,000	10000	0	96	69.2-131	0			
2-Hexanone	10530	1,000	10000	0	105	59.1-135	0			
4-Isopropyltoluene	4628	500	5000	0	92.6	80-120	0			
4-Methyl-2-pentanone	10640	1,000	10000	0	106	71.6-124	0			
Acetone	8790	1,000	10000	0	87.9	60.1-141	0			
Benzene	5225	500	5000	259.7	99.3	80-120	0			
Bromodichloromethane	5107	500	5000	0	102	80-120	0			
Bromoform	4805	500	5000	0	96.1	78.1-120	0			
Bromomethane	5842	500	5000	0	117	52.8-147	0			
Carbon disulfide	10180	1,000	10000	157	100	78.8-120	0			
Carbon tetrachloride	5267	500	5000	0	105	76.8-120	0			
Chlorobenzene	4839	500	5000	0	96.8	80-120	0			
Chloroethane	4909	500	5000	0	98.2	74.2-120	0			
Chloroform	4923	500	5000	0	98.5	80-120	0			
Chloromethane	5048	500	5000	0	101	63.5-133	0			
cis-1,2-Dichloroethene	4910	500	5000	0	98.2	80-120	0			
cis-1,3-Dichloropropene	5183	500	5000	0	104	80-120	0			
Dibromochloromethane	4965	500	5000	0	99.3	80-120	0			
Ethylbenzene	6297	500	5000	1561	94.7	80-120	0			
Isopropylbenzene	5049	500	5000	104.7	98.9	80-120	0			
m,p-Xylene	10420	1,000	10000	1056	93.6	80-120	0			
Methyl tert-butyl ether	5375	500	5000	359.9	100	75.8-123	0			
Methylene chloride	4786	1,000	5000	0	95.7	74.7-120	0			
n-Butylbenzene	4534	500	5000	105.1	88.6	80-120	0			
n-Propylbenzene	4873	500	5000	228.1	92.9	80-120	0			
Naphthalene	5794	500	5000	794.6	100	71.4-124	0			
o-Xylene	4812	500	5000	79.65	94.7	80-120	0			
sec-Butylbenzene	4659	500	5000	0	93.2	80-120	0			
Styrene	5041	500	5000	0	101	80-120	0			
Tetrachloroethene	4801	500	5000	0	96	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337		Instrument ID VOA4		Method: SW8260				
Toluene	4905	500	5000	0	98.1	80-120	0	
trans-1,2-Dichloroethene	4903	500	5000	0	98.1	75.9-122	0	
trans-1,3-Dichloropropene	5183	500	5000	0	104	80-120	0	
Trichloroethene	5005	500	5000	0	100	80-120	0	
Vinyl chloride	5089	200	5000	0	102	76.2-121	0	
Xylenes, Total	15230	1,500	15000	1136	94	80-120	0	
Surr: 1,2-Dichloroethane-d4	4763	500	5000	0	95.3	70-125	0	
Surr: 4-Bromofluorobenzene	4795	500	5000	0	95.9	72.4-125	0	
Surr: Dibromofluoromethane	4857	500	5000	0	97.1	71.2-125	0	
Surr: Toluene-d8	4895	500	5000	0	97.9	75-125	0	

ND - Not Detected at the Reporting Limit

- Analyte detected below quantitation limits

O - Referenced analyte value is > 4 times amount spiked

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

B - Analyte detected in assoc. Method Blank

U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337 Instrument ID VOA4 Method: SW8260

MSD Sample ID: 0612340-09AMSD Units: µg/L Analysis Date: 12/27/06 23:34

Client ID: Run ID: VOA4_061227A SeqNo: 1024480 Prep Date: DF: 100

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	5135	500	5000	0	103	79.6-120	5073	1.22	20	
1,1,2,2-Tetrachloroethane	4937	500	5000	0	98.7	78.9-121	4904	0.655	20	
1,1,2-Trichloroethane	4870	500	5000	0	97.4	80-120	4824	0.957	20	
1,1-Dichloroethane	4961	500	5000	0	99.2	74.2-122	5015	1.08	20	
1,1-Dichloroethene	4827	500	5000	0	96.5	75.8-122	5127	6.02	20	
1,2,4-Trimethylbenzene	5558	500	5000	847.2	94.2	80-120	5373	3.37	20	
1,2-Dibromoethane	5044	500	5000	0	101	80-120	4903	2.84	20	
1,2-Dichloroethane	4928	500	5000	0	98.6	78.8-120	4937	0.173	20	
1,2-Dichloropropane	4963	500	5000	0	99.3	80-120	4968	0.103	20	
1,3,5-Trimethylbenzene	5065	500	5000	216.1	97	80-120	4898	3.35	20	
2-Butanone	9666	1,000	10000	0	96.7	69.2-131	9602	0.659	20	
2-Hexanone	10630	1,000	10000	0	106	59.1-135	10530	0.944	20	
4-Isopropyltoluene	4831	500	5000	0	96.6	80-120	4628	4.3	20	
4-Methyl-2-pentanone	10930	1,000	10000	0	109	71.6-124	10640	2.73	20	
Acetone	8505	1,000	10000	0	85	60.1-141	8790	3.3	20	
Benzene	5196	500	5000	259.7	98.7	80-120	5225	0.554	20	
Bromodichloromethane	5095	500	5000	0	102	80-120	5107	0.236	20	
Bromoform	4876	500	5000	0	97.5	78.1-120	4805	1.47	20	
Bromomethane	5579	500	5000	0	112	52.8-147	5842	4.61	20	
Carbon disulfide	10220	1,000	10000	157	101	78.8-120	10180	0.304	20	
Carbon tetrachloride	5194	500	5000	0	104	76.8-120	5267	1.39	20	
Chlorobenzene	4885	500	5000	0	97.7	80-120	4839	0.943	20	
Chloroethane	4761	500	5000	0	95.2	74.2-120	4909	3.05	20	
Chloroform	4857	500	5000	0	97.1	80-120	4923	1.35	20	
Chloromethane	5094	500	5000	0	102	63.5-133	5048	0.895	20	
cis-1,2-Dichloroethene	4929	500	5000	0	98.6	80-120	4910	0.385	20	
cis-1,3-Dichloropropene	5282	500	5000	0	106	80-120	5183	1.9	20	
Dibromochloromethane	5116	500	5000	0	102	80-120	4965	3	20	
Ethylbenzene	6287	500	5000	1561	94.5	80-120	6297	0.168	20	
Isopropylbenzene	5177	500	5000	104.7	101	80-120	5049	2.5	20	
m,p-Xylene	10750	1,000	10000	1056	96.9	80-120	10420	3.09	20	
Methyl tert-butyl ether	5421	500	5000	359.9	101	75.8-123	5375	0.847	20	
Methylene chloride	4742	1,000	5000	0	94.8	74.7-120	4786	0.928	20	
n-Butylbenzene	4869	500	5000	105.1	95.3	80-120	4534	7.13	20	
n-Propylbenzene	5025	500	5000	228.1	95.9	80-120	4873	3.06	20	
Naphthalene	5847	500	5000	794.6	101	71.4-124	5794	0.923	20	
o-Xylene	4908	500	5000	79.65	96.6	80-120	4812	1.97	20	
sec-Butylbenzene	4911	500	5000	0	98.2	80-120	4659	5.25	20	
Styrene	5125	500	5000	0	103	80-120	5041	1.66	20	
Tetrachloroethene	4923	500	5000	0	98.5	80-120	4801	2.52	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45337		Instrument ID VOA4		Method: SW8260						
Toluene	4950	500	5000	0	99	80-120	4905	0.909	20	
trans-1,2-Dichloroethene	4881	500	5000	0	97.6	75.9-122	4903	0.453	20	
trans-1,3-Dichloropropene	5282	500	5000	0	106	80-120	5183	1.9	20	
Trichloroethene	5009	500	5000	0	100	80-120	5005	0.0829	20	
Vinyl chloride	5105	200	5000	0	102	76.2-121	5089	0.315	20	
Xylenes, Total	15650	1,500	15000	1136	96.8	80-120	15230	2.74	20	
Surr: 1,2-Dichloroethane-d4	4710	500	5000	0	94.2	70-125	4763	1.12	20	
Surr: 4-Bromofluorobenzene	4857	500	5000	0	97.1	72.4-125	4795	1.28	20	
Surr: Dibromofluoromethane	4830	500	5000	0	96.6	71.2-125	4857	0.559	20	
Surr: Toluene-d8	4926	500	5000	0	98.5	75-125	4895	0.633	20	

The following samples were analyzed in this batch:

0612374-07A	0612374-11A	0612374-12A
0612374-14A	0612374-15A	

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45417** Instrument ID **VOA4** Method: **SW8260**

MBLK	Sample ID: VBLKW-122806	Units: µg/L				Analysis Date: 12/28/06 12:30				
Client ID:	Run ID: VOA4_061228A	SeqNo: 1025686	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	1.238	10								J
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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45417		Instrument ID VOA4		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	50.22	5.0	50	0	100	70-125	0	
Surr: 4-Bromofluorobenzene	44.96	5.0	50	0	89.9	72.4-125	0	
Surr: Dibromofluoromethane	46.05	5.0	50	0	92.1	71.2-125	0	
Surr: Toluene-d8	49.45	5.0	50	0	98.9	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

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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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45417** Instrument ID **VOA4** Method: **SW8260**

LCS Sample ID: **VLCSW-122806** Units: **µg/L** Analysis Date: **12/28/06 11:26**

Client ID: Run ID: **VOA4_061228A** SeqNo: **1025685** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	48.74	5.0	50	0	97.5	79.6-120	0			
1,1,2,2-Tetrachloroethane	47.87	5.0	50	0	95.7	78.9-121	0			
1,1,2-Trichloroethane	47.75	5.0	50	0	95.5	80-120	0			
1,1-Dichloroethane	47.06	5.0	50	0	94.1	74.2-122	0			
1,1-Dichloroethene	47.06	5.0	50	0	94.1	75.8-122	0			
1,2,4-Trimethylbenzene	47.9	5.0	50	0	95.8	80-120	0			
1,2-Dibromoethane	49.13	5.0	50	0	98.3	80-120	0			
1,2-Dichloroethane	48.75	5.0	50	0	97.5	78.8-120	0			
1,2-Dichloropropane	48.35	5.0	50	0	96.7	80-120	0			
1,3,5-Trimethylbenzene	47.47	5.0	50	0	94.9	80-120	0			
2-Butanone	100.9	10	100	0	101	69.2-131	0			
2-Hexanone	107.6	10	100	0	108	59.1-135	0			
4-Isopropyltoluene	47.43	5.0	50	0	94.9	80-120	0			
4-Methyl-2-pentanone	104.7	10	100	0	105	71.6-124	0			
Acetone	98.07	10	100	0	98.1	60.1-141	0			
Benzene	48.22	5.0	50	0	96.4	80-120	0			
Bromodichloromethane	50.13	5.0	50	0	100	80-120	0			
Bromoform	47.99	5.0	50	0	96	78.1-120	0			
Bromomethane	44.47	5.0	50	0	88.9	52.8-147	0			
Carbon disulfide	96.69	10	100	0	96.7	78.8-120	0			
Carbon tetrachloride	49.3	5.0	50	0	98.6	76.8-120	0			
Chlorobenzene	47.83	5.0	50	0	95.7	80-120	0			
Chloroethane	45.96	5.0	50	0	91.9	74.2-120	0			
Chloroform	47	5.0	50	0	94	80-120	0			
Chloromethane	46.67	5.0	50	0	93.3	63.5-133	0			
cis-1,2-Dichloroethene	47.28	5.0	50	0	94.6	80-120	0			
cis-1,3-Dichloropropene	53.21	5.0	50	0	106	80-120	0			
Dibromochloromethane	49.99	5.0	50	0	100	80-120	0			
Ethylbenzene	49.08	5.0	50	0	98.2	80-120	0			
Isopropylbenzene	49.12	5.0	50	0	98.2	80-120	0			
m,p-Xylene	93.99	10	100	0	94	80-120	0			
Methyl tert-butyl ether	50.52	5.0	50	0	101	75.8-123	0			
Methylene chloride	46.7	10	50	0	93.4	74.7-120	0			
n-Butylbenzene	47.93	5.0	50	0	95.9	80-120	0			
n-Propylbenzene	46.92	5.0	50	0	93.8	80-120	0			
Naphthalene	49.94	5.0	50	0	99.9	71.4-124	0			
o-Xylene	46.79	5.0	50	0	93.6	80-120	0			
sec-Butylbenzene	47.57	5.0	50	0	95.1	80-120	0			
Styrene	50.17	5.0	50	0	100	80-120	0			
Tetrachloroethene	46.86	5.0	50	0	93.7	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45417		Instrument ID VOA4		Method: SW8260				
Toluene	47.85	5.0	50	0	95.7	80-120	0	
trans-1,2-Dichloroethene	46.58	5.0	50	0	93.2	75.9-122	0	
trans-1,3-Dichloropropene	53.21	5.0	50	0	106	80-120	0	
Trichloroethene	49.17	5.0	50	0	98.3	80-120	0	
Vinyl chloride	47.58	2.0	50	0	95.2	76.2-121	0	
Xylenes, Total	140.8	15	150	0	93.9	80-120	0	
Surr: 1,2-Dichloroethane-d4	46.58	5.0	50	0	93.2	70-125	0	
Surr: 4-Bromofluorobenzene	48.6	5.0	50	0	97.2	72.4-125	0	
Surr: Dibromofluoromethane	47.93	5.0	50	0	95.9	71.2-125	0	
Surr: Toluene-d8	49.64	5.0	50	0	99.3	75-125	0	

ND - Not Detected at the Reporting Limit

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R - RPD outside accepted recovery limits

P - Dual Column results percent difference > 40%

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U - Analyzed for but not detected

E - Value above quantitation range

CLIENT: Navajo Refining Company
 Work Order: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45417 Instrument ID VOA4 Method: SW8260

MS Sample ID: 0612374-09AMS Units: µg/L Analysis Date: 12/28/06 16:03
 Client ID: NP-1 Run ID: VOA4_061228A SeqNo: 1025690 Prep Date: DF: 5

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	243	25	250	0	97.2	79.6-120	0			
1,1,2,2-Tetrachloroethane	236.4	25	250	0	94.6	78.9-121	0			
1,1,2-Trichloroethane	232.8	25	250	0	93.1	80-120	0			
1,1-Dichloroethane	244.6	25	250	0	97.9	74.2-122	0			
1,1-Dichloroethene	244	25	250	0	97.6	75.8-122	0			
1,2,4-Trimethylbenzene	237.3	25	250	0	94.9	80-120	0			
1,2-Dibromoethane	237.1	25	250	0	94.9	80-120	0			
1,2-Dichloroethane	237.9	25	250	0.722	94.9	78.8-120	0			
1,2-Dichloropropane	239.9	25	250	0	96	80-120	0			
1,3,5-Trimethylbenzene	239.1	25	250	0	95.6	80-120	0			
2-Butanone	454.6	50	500	0	90.9	69.2-131	0			
2-Hexanone	501.4	50	500	0	100	59.1-135	0			
4-Isopropyltoluene	242.4	25	250	0	97	80-120	0			
4-Methyl-2-pentanone	502.1	50	500	0	100	71.6-124	0			
Acetone	379.6	50	500	0	75.9	60.1-141	0			
Benzene	242.2	25	250	0	96.9	80-120	0			
Bromodichloromethane	237.4	25	250	0	95	80-120	0			
Bromoform	218.9	25	250	0	87.6	78.1-120	0			
Bromomethane	134.5	25	250	0	53.8	52.8-147	0			
Carbon disulfide	484.4	50	500	0	96.9	78.8-120	0			
Carbon tetrachloride	246.3	25	250	0	98.5	76.8-120	0			
Chlorobenzene	236.1	25	250	0	94.4	80-120	0			
Chloroethane	188.9	25	250	0	75.6	74.2-120	0			
Chloroform	237.6	25	250	0	95	80-120	0			
Chloromethane	242.4	25	250	0	97	63.5-133	0			
cis-1,2-Dichloroethene	241.7	25	250	0	96.7	80-120	0			
cis-1,3-Dichloropropene	248.3	25	250	0	99.3	80-120	0			
Dibromochloromethane	236.5	25	250	0	94.6	80-120	0			
Ethylbenzene	242.1	25	250	0	96.8	80-120	0			
Isopropylbenzene	245.3	25	250	0	98.1	80-120	0			
m,p-Xylene	472.1	50	500	0	94.4	80-120	0			
Methyl tert-butyl ether	595	25	250	348.5	98.6	75.8-123	0			
Methylene chloride	231.4	50	250	0	92.6	74.7-120	0			
n-Butylbenzene	247.5	25	250	0	99	80-120	0			
n-Propylbenzene	238.7	25	250	0	95.5	80-120	0			
Naphthalene	246.8	25	250	0	98.7	71.4-124	0			
o-Xylene	234.3	25	250	0	93.7	80-120	0			
sec-Butylbenzene	242.9	25	250	0	97.2	80-120	0			
Styrene	237.6	25	250	0	95	80-120	0			
Tetrachloroethene	240.1	25	250	0	96	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45417		Instrument ID VOA4		Method: SW8260			
Toluene	237.7	25	250	0	95.1	80-120	0
trans-1,2-Dichloroethene	247.4	25	250	0	99	75.9-122	0
trans-1,3-Dichloropropene	248.3	25	250	0	99.3	80-120	0
Trichloroethene	245.3	25	250	0	98.1	80-120	0
Vinyl chloride	261.7	10	250	0	105	76.2-121	0
Xylenes, Total	706.4	75	750	0	94.2	80-120	0
Surr: 1,2-Dichloroethane-d4	233.3	25	250	0	93.3	70-125	0
Surr: 4-Bromofluorobenzene	240.6	25	250	0	96.2	72.4-125	0
Surr: Dibromofluoromethane	242	25	250	0	96.8	71.2-125	0
Surr: Toluene-d8	243.8	25	250	0	97.5	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45417 Instrument ID VOA4 Method: SW8260

MSD		Sample ID: 0612374-09AMSD				Units: µg/L		Analysis Date: 12/28/06 16:25		
Client ID: NP-1		Run ID: VOA4_061228A				SeqNo: 1025691		Prep Date:		DF: 5
Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
1,1,1-Trichloroethane	247.9	25	250	0	99.2	79.6-120	243	1.99	20	
1,1,2,2-Tetrachloroethane	229.4	25	250	0	91.8	78.9-121	236.4	3	20	
1,1,2-Trichloroethane	230.9	25	250	0	92.4	80-120	232.8	0.841	20	
1,1-Dichloroethane	241.8	25	250	0	96.7	74.2-122	244.6	1.17	20	
1,1-Dichloroethene	253	25	250	0	101	75.8-122	244	3.64	20	
1,2,4-Trimethylbenzene	235.5	25	250	0	94.2	80-120	237.3	0.771	20	
1,2-Dibromoethane	232.4	25	250	0	93	80-120	237.1	2.03	20	
1,2-Dichloroethane	234.5	25	250	0.722	93.5	78.8-120	237.9	1.43	20	
1,2-Dichloropropane	242.9	25	250	0	97.2	80-120	239.9	1.23	20	
1,3,5-Trimethylbenzene	238.4	25	250	0	95.4	80-120	239.1	0.277	20	
2-Butanone	419.4	50	500	0	83.9	69.2-131	454.6	8.05	20	
2-Hexanone	461.6	50	500	0	92.3	59.1-135	501.4	8.25	20	
4-Isopropyltoluene	232.2	25	250	0	92.9	80-120	242.4	4.27	20	
4-Methyl-2-pentanone	468.8	50	500	0	93.8	71.6-124	502.1	6.86	20	
Acetone	343.1	50	500	0	68.6	60.1-141	379.6	10.1	20	
Benzene	242.5	25	250	0	97	80-120	242.2	0.121	20	
Bromodichloromethane	239.5	25	250	0	95.8	80-120	237.4	0.903	20	
Bromoform	220.3	25	250	0	88.1	78.1-120	218.9	0.636	20	
Bromomethane	268.5	25	250	0	107	52.8-147	134.5	66.5	20	R
Carbon disulfide	492	50	500	0	98.4	78.8-120	484.4	1.56	20	
Carbon tetrachloride	250.8	25	250	0	100	76.8-120	246.3	1.78	20	
Chlorobenzene	238.6	25	250	0	95.5	80-120	236.1	1.08	20	
Chloroethane	247.9	25	250	0	99.2	74.2-120	188.9	27	20	R
Chloroform	237.4	25	250	0	95	80-120	237.6	0.0731	20	
Chloromethane	248.4	25	250	0	99.4	63.5-133	242.4	2.45	20	
cis-1,2-Dichloroethene	242.4	25	250	0	97	80-120	241.7	0.305	20	
cis-1,3-Dichloropropene	248.3	25	250	0	99.3	80-120	248.3	0.0159	20	
Dibromochloromethane	233.3	25	250	0	93.3	80-120	236.5	1.36	20	
Ethylbenzene	243.1	25	250	0	97.3	80-120	242.1	0.425	20	
Isopropylbenzene	243.6	25	250	0	97.4	80-120	245.3	0.695	20	
m,p-Xylene	467.3	50	500	0	93.5	80-120	472.1	1.02	20	
Methyl tert-butyl ether	590.1	25	250	348.5	96.6	75.8-123	595	0.828	20	
Methylene chloride	231.7	50	250	0	92.7	74.7-120	231.4	0.114	20	
n-Butylbenzene	234.6	25	250	0	93.9	80-120	247.5	5.32	20	
n-Propylbenzene	235.2	25	250	0	94.1	80-120	238.7	1.48	20	
Naphthalene	238.6	25	250	0	95.4	71.4-124	246.8	3.38	20	
o-Xylene	234.4	25	250	0	93.7	80-120	234.3	0.0122	20	
sec-Butylbenzene	233.5	25	250	0	93.4	80-120	242.9	3.94	20	
Styrene	228.6	25	250	0	91.4	80-120	237.6	3.85	20	
Tetrachloroethene	238.8	25	250	0	95.5	80-120	240.1	0.517	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45417		Instrument ID VOA4		Method: SW8260					
Toluene	239.9	25	250	0	96	80-120	237.7	0.93	20
trans-1,2-Dichloroethene	246	25	250	0	98.4	75.9-122	247.4	0.573	20
trans-1,3-Dichloropropene	248.3	25	250	0	99.3	80-120	248.3	0.0159	20
Trichloroethene	244.8	25	250	0	97.9	80-120	245.3	0.208	20
Vinyl chloride	270.4	10	250	0	108	76.2-121	261.7	3.24	20
Xylenes, Total	701.7	75	750	0	93.6	80-120	706.4	0.678	20
Surr: 1,2-Dichloroethane-d4	229.4	25	250	0	91.8	70-125	233.3	1.69	20
Surr: 4-Bromofluorobenzene	240.6	25	250	0	96.2	72.4-125	240.6	0.0136	20
Surr: Dibromofluoromethane	236.2	25	250	0	94.5	71.2-125	242	2.42	20
Surr: Toluene-d8	244.1	25	250	0	97.7	75-125	243.8	0.133	20

The following samples were analyzed in this batch:

0612374-09A 0612374-13A

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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45106** Instrument ID **WetChem** Method: **E150.1**

LCS Sample ID: **WLCSW1-122006** Units: **pH units** Analysis Date: **12/20/06 0:00**

Client ID: Run ID: **WETCHEM_061220F** SeqNo: **1019393** 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: **0612374-01CDUP** Units: **pH units** Analysis Date: **12/20/06 0:00**

Client ID: **NCL-49** Run ID: **WETCHEM_061220F** SeqNo: **1019409** 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	H

The following samples were analyzed in this batch:

0612374-01C	0612374-02C	0612374-03C
0612374-04C	0612374-05C	0612374-06C
0612374-07C	0612374-08C	0612374-11C
0612374-12C	0612374-13C	0612374-14C
0612374-15C	0612374-16C	0612374-17C

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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45147** Instrument ID **Balance1** Method: **E160.1**

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

Client ID: Run ID: **BALANCE1_061220E** SeqNo: **1020385** Prep Date: DF: **1**

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

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

Client ID: Run ID: **BALANCE1_061220E** SeqNo: **1020387** 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	969	10	1000	0	96.9	85-115	0			

DUP Sample ID: **0612374-01CDUP** Units: **mg/L** Analysis Date: **12/20/06 0:00**

Client ID: **NCL-49** Run ID: **BALANCE1_061220E** SeqNo: **1020364** 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	2973	10	0	0	0	0-0	2861	3.84	20	

The following samples were analyzed in this batch:

0612374-01C	0612374-02C	0612374-03C
0612374-04C	0612374-05C	0612374-06C
0612374-07C	0612374-08C	0612374-11C
0612374-12C	0612374-13C	0612374-14C
0612374-15C	0612374-16C	0612374-17C

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45271 Instrument ID WetChem Method: E310.1

MBLK Sample ID: WBLKW1-122606 Units: mg/L Analysis Date: 12/26/06 0:00

Client ID: Run ID: WETCHEM_061226F SeqNo: 1023145 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: WLCSW1-122606 Units: mg/L Analysis Date: 12/26/06 0:00

Client ID: Run ID: WETCHEM_061226F SeqNo: 1023146 Prep Date: DF: 1

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

DUP Sample ID: 0612318-18EDUP Units: mg/L Analysis Date: 12/26/06 0:00

Client ID: Run ID: WETCHEM_061226F SeqNo: 1023167 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)	295.1	5.0	0	0	0	0-0	295.1	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)	295.1	5.0	0	0	0	0-0	295.1	0	20	

The following samples were analyzed in this batch:

0612374-01C	0612374-02C	0612374-03C
0612374-04C	0612374-05C	0612374-06C
0612374-07C	0612374-08C	0612374-11C
0612374-12C	0612374-13C	

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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45272** Instrument ID **WetChem** Method: **E310.1**

MBLK Sample ID: **WBLKW1-122606** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226G** SeqNo: **1023168** 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: **WLCSW1-122606** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: Run ID: **WETCHEM_061226G** SeqNo: **1023169** 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: **0612374-14CDUP** Units: **mg/L** Analysis Date: **12/26/06 0:00**

Client ID: **NCL-33** Run ID: **WETCHEM_061226G** SeqNo: **1023178** 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)	417.2	5.0	0	0	0	0-0	427.6	2.47	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)	417.2	5.0	0	0	0	0-0	427.6	2.47	20	

The following samples were analyzed in this batch:

0612374-14C	0612374-15C	0612374-16C
0612374-17C		

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45366** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW1-122706/** Units: **mg/L** Analysis Date: **12/27/06 14:29**

Client ID: Run ID: **IC201_061227A** SeqNo: **1025013** 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)	5.77	0.10	5	0	115	85-115	0			S

LCS Sample ID: **WLCSW1-364-41-** Units: **mg/L** Analysis Date: **12/27/06 14:50**

Client ID: Run ID: **IC201_061227A** SeqNo: **1025014** 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)	8.205	0.10	8	0	103	90-110	0			
Surr: Selenate (surr)	4.786	0.10	5	0	95.7	85-115	0			

MS Sample ID: **0612374-02BMS** Units: **mg/L** Analysis Date: **12/27/06 16:18**

Client ID: **MW-54A** Run ID: **IC201_061227A** SeqNo: **1025018** 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)	20.01	0.50	20	1.004	95	80-120	0			
Surr: Selenate (surr)	25.34	0.50	25	0	101	80-120	0			

MSD Sample ID: **0612374-02BMSD** Units: **mg/L** Analysis Date: **12/27/06 16:40**

Client ID: **MW-54A** Run ID: **IC201_061227A** SeqNo: **1025019** 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)	19.88	0.50	20	1.004	94.4	80-120	20.01	0.652	20	
Surr: Selenate (surr)	25.09	0.50	25	0	100	80-120	25.34	1	20	

DUP Sample ID: **0612374-02BDUP** Units: **mg/L** Analysis Date: **12/27/06 15:56**

Client ID: **MW-54A** Run ID: **IC201_061227A** SeqNo: **1025017** 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)	1.007	0.50	0	0	0	0-0	1.004	0.298	20	
Surr: Selenate (surr)	25.99	0.50	25	0	104	80-120	26.11	0.476	20	

The following samples were analyzed in this batch:

0612374-01B	0612374-02B	0612374-03B
0612374-04B	0612374-05B	0612374-06B
0612374-07B	0612374-08B	0612374-11B
0612374-12B	0612374-13B	0612374-14B
0612374-15B	0612374-16B	0612374-17B

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45473** Instrument ID **IC201** Method: **E300**

MBLK Sample ID: **WBLKW3-122806** Units: **mg/L** Analysis Date: **12/28/06 15:18**

Client ID: Run ID: **IC201_061228A** SeqNo: **1026803** 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)	6.42	0.10	5	0	128	85-115	0			S

LCS Sample ID: **WLCSW3-122806/** Units: **mg/L** Analysis Date: **12/28/06 15:40**

Client ID: Run ID: **IC201_061228A** SeqNo: **1026804** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.05	0.50	20	0	100	90-110	0			
Fluoride	4.027	0.10	4	0	101	90-110	0			
Sulfate	19.4	1.0	20	0	97	90-110	0			
Surr: Selenate (surr)	4.821	0.10	5	0	96.4	85-115	0			

MS Sample ID: **0612478-01BMS** Units: **mg/L** Analysis Date: **12/28/06 16:46**

Client ID: Run ID: **IC201_061228A** SeqNo: **1026807** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	705.8	0.50	10	711	-51.8	80-120	0			SEO
Fluoride	2.988	0.10	2	0.973	101	80-120	0			
Sulfate	186.8	1.0	10	180.7	61	80-120	0			SEO
Surr: Selenate (surr)	4.905	0.10	5	0	98.1	80-120	0			

MSD Sample ID: **0612478-01BMSD** Units: **mg/L** Analysis Date: **12/28/06 17:08**

Client ID: Run ID: **IC201_061228A** SeqNo: **1026808** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	708.9	0.50	10	711	-20.8	80-120	705.8	0.438	20	SEO
Fluoride	2.981	0.10	2	0.973	100	80-120	2.988	0.235	20	
Sulfate	186.9	1.0	10	180.7	62.3	80-120	186.8	0.0728	20	SEO
Surr: Selenate (surr)	4.842	0.10	5	0	96.8	80-120	4.905	1.29	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: 0612374
Project: Navajo Artesia

QC BATCH REPORT

Batch ID: **R45473** Instrument ID **IC201** Method: **E300**

DUP Sample ID: **0612478-01BDUP** Units: **mg/L** Analysis Date: **12/28/06 16:24**

Client ID: Run ID: **IC201_061228A** SeqNo: **1026806** Prep Date: DF: **1**

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	712	0.50	0	0	0	0-0	711	0.144	20	E
Fluoride	0.988	0.10	0	0	0	0-0	0.973	1.53	20	
Sulfate	180.7	1.0	0	0	0	0-0	180.7	0.0127	20	E
Surr: Selenate (surr)	5.01	0.10	5	0	100	80-120	4.975	0.701	20	

The following samples were analyzed in this batch:

0612374-01C	0612374-02C	0612374-03C
0612374-04C	0612374-05C	0612374-06C
0612374-07C	0612374-08C	0612374-11C
0612374-12C		

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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45506 Instrument ID IC201 Method: E300

MBLK Sample ID: WBLKW4-122906 Units: mg/L Analysis Date: 12/29/06 21:38

Client ID: Run ID: IC201_061229A SeqNo: 1027328 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)	5.262	0.10	5	0	105	85-115	0			

LCS Sample ID: WLCSW4-122906/ Units: mg/L Analysis Date: 12/29/06 22:00

Client ID: Run ID: IC201_061229A SeqNo: 1027329 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	20.41	0.50	20	0	102	90-110	0			
Fluoride	4.132	0.10	4	0	103	90-110	0			
Sulfate	19.6	1.0	20	0	98	90-110	0			
Surr: Selenate (surr)	4.754	0.10	5	0	95.1	85-115	0			

MS Sample ID: 0612430-07DMS Units: mg/L Analysis Date: 12/30/06 5:40

Client ID: Run ID: IC201_061229A SeqNo: 1027389 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	127.9	0.50	10	120.7	72.3	80-120	0			SEO
Fluoride	2.947	0.10	2	0.949	99.9	80-120	0			
Sulfate	347.7	1.0	10	346.6	10.4	80-120	0			SEO
Surr: Selenate (surr)	4.659	0.10	5	0	93.2	80-120	0			

MSD Sample ID: 0612430-07DMSD Units: mg/L Analysis Date: 12/30/06 6:02

Client ID: Run ID: IC201_061229A SeqNo: 1027390 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	129.1	0.50	10	120.7	83.9	80-120	127.9	0.902	20	EO
Fluoride	2.95	0.10	2	0.949	100	80-120	2.947	0.102	20	
Sulfate	348.3	1.0	10	346.6	17.1	80-120	347.7	0.195	20	SEO
Surr: Selenate (surr)	4.601	0.10	5	0	92	80-120	4.659	1.25	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: 0612374
 Project: Navajo Artesia

QC BATCH REPORT

Batch ID: R45506 Instrument ID IC201 Method: E300

DUP Sample ID: 0612430-07DDUP Units: mg/L Analysis Date: 12/30/06 21:46

Client ID: Run ID: IC201_061229A SeqNo: 1027375 Prep Date: DF: 10

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	118.6	5.0	0	0	0	0-0	118.4	0.128	20	
Fluoride	1.045	1.0	0	0	0	0-0	1.049	0.382	20	
Sulfate	343.5	10	0	0	0	0-0	342.1	0.392	20	
Surr: Selenate (surr)	45.45	1.0	50	0	90.9	80-120	45.96	1.12	20	

DUP Sample ID: 0612430-07DDUP Units: mg/L Analysis Date: 12/30/06 5:19

Client ID: Run ID: IC201_061229A SeqNo: 1027388 Prep Date: DF: 1

Analyte	Result	PQL	SPK Val	SPK Ref Value	%REC	Control Limit	RPD Ref Value	%RPD	RPD Limit	Qual
Chloride	120.2	0.50	0	0	0	0-0	120.7	0.419	20	E
Fluoride	0.969	0.10	0	0	0	0-0	0.949	2.09	20	
Sulfate	344.6	1.0	0	0	0	0-0	346.6	0.581	20	E
Surr: Selenate (surr)	4.618	0.10	5	0	92.4	80-120	4.553	1.42	20	

The following samples were analyzed in this batch:

0612374-13C	0612374-14C	0612374-15C
0612374-16C	0612374-17C	

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

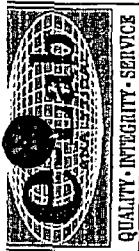
R - RPD outside accepted recovery limits

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



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Chain of Custody Form
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(Tel) 616.399.6070
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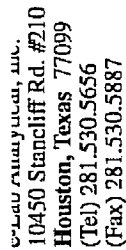
The Chain of Custody is a Legal Document. All information must be completed accurately.

Customer Information				Project Information				Parameter/Method Request for Analysis																			
Purchase Order				Project Name				Navajo Artesia				VOC 8260 Select															
Work Order				Project Number				Navajo Refining Co.				GRO															
Company Name				Bill to Company				Navajo Refining Co.				DRO															
Send Report to				Invoice/Attn				Darrell Moore				ANIONS (Cl, F, SO4)															
Address				Address				P.O. Box 159				ANIONS (NO3, NO2)															
City/State/Zip				City/State/Zip				Artesia, N.M. 88211				TOTAL METALS 6020 (As, Ba, Ca, Pb, Se, Ag, Hg, Mn, K, Na, V)															
Phone				Phone				(505) 748-3311				ALKALINITY HCO3, CO3, TDS, pH															
Fax				Fax				(505) 746-5421																			
e-Mail Address				e-Mail Address																							
No.	Sample Description	Date	Time	Matrix	Pres.	#Bottles	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Hold				
1	NCL-49	12-18-06	0949	1420	1238	8	X		X	X	X	X	X	X													
2	MW-54A	12-18-06	1028	1420	1238	8	X		X	X	X	X	X	X													
3	MW-53	12-18-06	1050	1420	1238	8	X		X	X	X	X	X	X													
4	KWB-3R	12-18-06	1121	1420	1238	8	X		X	X	X	X	X	X													
5	KWB-11A	12-18-06	1225	1420	1238	8	X		X	X	X	X	X	X													
6	MW-8	12-18-06	1410	1420	1238	8	X		X	X	X	X	X	X													
7	MW-21	12-18-06	1425	1420	1238	8	X		X	X	X	X	X	X													
8	NP-6	12-18-06	1455	1420	1238	8	X		X	X	X	X	X	X													
9	NP-1	12-18-06	1520	1420	118	3	X		X	X	X	X	X	X													
10	NP-2	12-18-06	1535	1420	118	3	X		X	X	X	X	X	X													

Sample(s) Please Print & Sign		Shipment Method		Required Turnaround Time (Check Box)		Results Due Date	
Signed by: <i>Susan</i>	Date: 12-19-06	Signature: <i>Susan</i>	Date: 12-19-06	Standard: ☒ STD 10 Wk Days	Other: ☐ 2 Wk Days	Level II Std QC	Level III Std QC/Raw Data
Relinquished by: <i>Susan</i>	Date: 12-19-06	Received by: <i>Rafael</i>	Date: 12-20-06	Trip Blank Number: 09118		Level IV SW846/CLP	Other
Logged by: <i>Susan</i>	Date: 12-19-06	Checked by: <i>Rafael</i>	Date: 12-20-06	e-Lab Analytical Code: 10			
Preservative Key: 1-HCl, 2-HNO3, 3-H2SO4, 4-NaOH, 5-Na2S2O3, 6-NaHSO3, 7-Other, 8-4°C, 9-50°C							

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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page 2 of 3

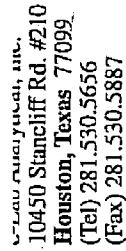
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[illegible]

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[illegible]

No/c: 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.

Sample Receipt Checklist

Client Name: NAVAJO REFININGDate/Time Received: 12/20/2006 9:10:00 AMWork Order Number 0612374Received by: RNGChecklist completed by: [Signature]

Signature

Date

Reviewed by: [Signature]

Initials

Date

Matrix: WCarrier name: FedEx

Shipping container/cooling in good condition?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on shipping container/cooler?	Yes ☒	No ☐	Not Present ☐
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☒
Chain of custody present?	Yes ☒	No ☐	
Chain of custody signed when relinquished and received?	Yes ☒	No ☐	
Chain of custody agrees with sample labels?	Yes ☒	No ☐	
Samples in proper container/bottle?	Yes ☒	No ☐	
Sample containers intact?	Yes ☒	No ☐	
Sufficient sample volume for indicated test?	Yes ☒	No ☐	
All samples received within holding time?	Yes ☒	No ☐	
Container/Temp Blank temperature in compliance?	Yes ☒	No ☐	
Temperature(s)/Thermometer(s):	<u>2.3c, 3.7c, 3.2c, 2.2c</u>	<u>002</u>	
Water - VOA vials have zero headspace?	Yes ☒	No ☐	No VOA vials submitted ☐
Water - pH acceptable upon receipt?	Yes ☒	No ☐	N/A ☐

Adjusted? _____ Checked by _____

Login Notes:

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action: _____

0612314

emp: 108328 20DEC06 **STANDARD OVERNIGHT** THU

Master FORM 1989 Deliver By: 21DEC06 A2

0001/0001 MPS#: 8587 8768 0024 FORM 0260 IAH

77099 -TX-US 43 JGQA

**e-Lab Analytical, Inc.**

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL

Date: 12-19-06 Time: 1350
Name: Susie Jerry
Company: SCS

CUSTODY SEAL 1987

Date: 12-19-06 Time: 1350
Name: Susie Jerry
Company: SCS

Seal Broken By:

Date: 12/20/06

**e-Lab Analytical, Inc.**

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL 970

Date: 12-19-06 Time: 1350
Name: Susie Jerry
Company: SCS

Seal Broken By:

Date: 12/20/06

**e-Lab Analytical, Inc.**

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL

Date: 12-19-06 Time: 1350
Name: Susie Jerry
Company: SCS

CUSTODY SEAL 1989

Date: 12-19-06 Time: 1350
Name: Susie Jerry
Company: SCS

Seal Broken By:

Date: 12/20/06

**e-Lab Analytical, Inc.**

10450 Stancliff Rd., Suite 210
Houston, Texas 77099
Tel. 281.530.5656
Fax. 218.530.5887

CUSTODY SEAL 1988

Date: 12-19-06 Time: 1350
Name: Susie Jerry
Company: SCS

Seal Broken By:

Date: 12/20/06