

GRC005 ENTERED



Hope Monzeglio  
New Mexico Environmental Department  
Hazardous Waste Bureau  
2905 Rodeo Park Drive East  
Bldg 1  
Santa Fe, NM 87505



Certified Mail: 7001 1140 0000 4022 0767

April 8, 2005

**RE: Giant Refining Company, Bloomfield Refinery  
EPA ID# NMD089416416**

Dear Ms. Monzeglio,

Please find attached analytical results for the January, 2005 sampling event for wells MW #48 and MW #49 on the river terrace at the Giant Refining facility. Note that the results for well MW #49, located down-gradient of the barrier wall, had a detection of benzene at a concentration of <10 ug/L.

If you need additional information, please contact me at (505) 632-4161.

Sincerely,

Cindy Hurtado  
Environmental Assistant  
Giant Refining – Bloomfield

Cc: Ed Riege – Environmental Superintendent – Giant Refining  
Randy Schmaltz – Environmental Manager – Giant Refining

PHONE  
505-632-8013  
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P.O. BOX 159  
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# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-04

Client Sample ID: MW #48D  
 Collection Date: 1/18/2005 1:30:00 PM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: MAP
Sulfate	160	2.5		mg/L	5	1/22/2005
<b>EPA METHOD 310.1: ALKALINITY</b>						Analyst: MAP
Alkalinity, Total (As CaCO3)	1100	4.0		mg/L CaCO3	2	2/1/2005
Carbonate	ND	4.0		mg/L CaCO3	2	2/1/2005
Bicarbonate	1100	4.0		mg/L CaCO3	2	2/1/2005
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	1/24/2005 6:11:11 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	1/24/2005 6:11:11 PM
Surr: DNOP	111	58-140		%REC	1	1/24/2005 6:11:11 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	18	5.0		mg/L	100	1/21/2005 5:53:59 PM
Surr: BFB	110	78.3-120		%REC	100	1/21/2005 5:53:59 PM
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: BDH
Benzene	320	50		µg/L	50	1/25/2005
Toluene	ND	50		µg/L	50	1/25/2005
Ethylbenzene	1200	50		µg/L	50	1/25/2005
Methyl tert-butyl ether (MTBE)	ND	50		µg/L	50	1/25/2005
1,2,4-Trimethylbenzene	1300	50		µg/L	50	1/25/2005
1,3,5-Trimethylbenzene	280	50		µg/L	50	1/25/2005
1,2-Dichloroethane (EDC)	ND	50		µg/L	50	1/25/2005
1,2-Dibromoethane (EDB)	ND	50		µg/L	50	1/25/2005
Naphthalene	170	100		µg/L	50	1/25/2005
1-Methylnaphthalene	ND	200		µg/L	50	1/25/2005
2-Methylnaphthalene	ND	200		µg/L	50	1/25/2005
Acetone	ND	500		µg/L	50	1/25/2005
Bromobenzene	ND	50		µg/L	50	1/25/2005
Bromochloromethane	ND	50		µg/L	50	1/25/2005
Bromodichloromethane	ND	50		µg/L	50	1/25/2005
Bromoform	ND	50		µg/L	50	1/25/2005
Bromomethane	ND	100		µg/L	50	1/25/2005
2-Butanone	ND	500		µg/L	50	1/25/2005
Carbon disulfide	ND	500		µg/L	50	1/25/2005
Carbon Tetrachloride	ND	50		µg/L	50	1/25/2005
Chlorobenzene	ND	50		µg/L	50	1/25/2005
Chloroethane	ND	100		µg/L	50	1/25/2005
Chloroform	ND	50		µg/L	50	1/25/2005
Chloromethane	ND	50		µg/L	50	1/25/2005
2-Chlorotoluene	ND	50		µg/L	50	1/25/2005
4-Chlorotoluene	ND	50		µg/L	50	1/25/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

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 Lab ID: 0501150-04

Client Sample ID: MW #48D  
 Collection Date: 1/18/2005 1:30:00 PM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,2-DCE	ND	50		µg/L	50	1/25/2005
cis-1,3-Dichloropropene	ND	50		µg/L	50	1/25/2005
1,2-Dibromo-3-chloropropane	ND	100		µg/L	50	1/25/2005
Dibromochloromethane	ND	50		µg/L	50	1/25/2005
Dibromomethane	ND	100		µg/L	50	1/25/2005
1,2-Dichlorobenzene	ND	50		µg/L	50	1/25/2005
1,3-Dichlorobenzene	ND	50		µg/L	50	1/25/2005
1,4-Dichlorobenzene	ND	50		µg/L	50	1/25/2005
Dichlorodifluoromethane	ND	50		µg/L	50	1/25/2005
1,1-Dichloroethane	ND	50		µg/L	50	1/25/2005
1,1-Dichloroethene	ND	50		µg/L	50	1/25/2005
1,2-Dichloropropane	ND	50		µg/L	50	1/25/2005
1,3-Dichloropropane	ND	50		µg/L	50	1/25/2005
2,2-Dichloropropane	ND	50		µg/L	50	1/25/2005
1,1-Dichloropropene	ND	50		µg/L	50	1/25/2005
Hexachlorobutadiene	ND	50		µg/L	50	1/25/2005
2-Hexanone	ND	500		µg/L	50	1/25/2005
Isopropylbenzene	100	50		µg/L	50	1/25/2005
4-Isopropyltoluene	ND	50		µg/L	50	1/25/2005
4-Methyl-2-pentanone	ND	500		µg/L	50	1/25/2005
Methylene Chloride	ND	150		µg/L	50	1/25/2005
n-Butylbenzene	64	50		µg/L	50	1/25/2005
n-Propylbenzene	210	50		µg/L	50	1/25/2005
sec-Butylbenzene	ND	50		µg/L	50	1/25/2005
Styrene	ND	50		µg/L	50	1/25/2005
tert-Butylbenzene	ND	50		µg/L	50	1/25/2005
1,1,1,2-Tetrachloroethane	ND	50		µg/L	50	1/25/2005
1,1,2,2-Tetrachloroethane	ND	50		µg/L	50	1/25/2005
Tetrachloroethene (PCE)	ND	50		µg/L	50	1/25/2005
trans-1,2-DCE	ND	50		µg/L	50	1/25/2005
trans-1,3-Dichloropropene	ND	50		µg/L	50	1/25/2005
1,2,3-Trichlorobenzene	ND	50		µg/L	50	1/25/2005
1,2,4-Trichlorobenzene	ND	50		µg/L	50	1/25/2005
1,1,1-Trichloroethane	ND	50		µg/L	50	1/25/2005
1,1,2-Trichloroethane	ND	50		µg/L	50	1/25/2005
Trichloroethene (TCE)	ND	50		µg/L	50	1/25/2005
Trichlorofluoromethane	ND	50		µg/L	50	1/25/2005
1,2,3-Trichloropropane	ND	100		µg/L	50	1/25/2005
Vinyl chloride	ND	50		µg/L	50	1/25/2005
Xylenes, Total	5700	50		µg/L	50	1/25/2005
Surr: 1,2-Dichloroethane-d4	102	74.7-113		%REC	50	1/25/2005
Surr: 4-Bromofluorobenzene	104	86.1-120		%REC	50	1/25/2005

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
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 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-04

Client Sample ID: MW #48D  
 Collection Date: 1/18/2005 1:30:00 PM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: Dibromofluoromethane	92.3	86.3-110		%REC	50	1/25/2005
Surr: Toluene-d8	107	83.1-112		%REC	50	1/25/2005
<b>EPA METHOD 8310: PAHS</b>						Analyst: BL
Naphthalene	120	2.5		µg/L	1	1/27/2005 6:36:50 PM
1-Methylnaphthalene	40	2.5		µg/L	1	1/27/2005 6:36:50 PM
2-Methylnaphthalene	41	2.5		µg/L	1	1/27/2005 6:36:50 PM
Acenaphthylene	ND	2.5		µg/L	1	1/27/2005 6:36:50 PM
Acenaphthene	ND	2.5		µg/L	1	1/27/2005 6:36:50 PM
Fluorene	ND	0.80		µg/L	1	1/27/2005 6:36:50 PM
Phenanthrene	0.95	0.60		µg/L	1	1/27/2005 6:36:50 PM
Anthracene	ND	0.60		µg/L	1	1/27/2005 6:36:50 PM
Fluoranthene	ND	0.30		µg/L	1	1/27/2005 6:36:50 PM
Pyrene	ND	0.30		µg/L	1	1/27/2005 6:36:50 PM
Benz(a)anthracene	ND	0.020		µg/L	1	1/27/2005 6:36:50 PM
Chrysene	ND	0.20		µg/L	1	1/27/2005 6:36:50 PM
Benzo(b)fluoranthene	ND	0.050		µg/L	1	1/27/2005 6:36:50 PM
Benzo(k)fluoranthene	ND	0.020		µg/L	1	1/27/2005 6:36:50 PM
Benzo(a)pyrene	ND	0.020		µg/L	1	1/27/2005 6:36:50 PM
Dibenz(a,h)anthracene	ND	0.040		µg/L	1	1/27/2005 6:36:50 PM
Benzo(g,h,i)perylene	ND	0.030		µg/L	1	1/27/2005 6:36:50 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	1/27/2005 6:36:50 PM
Surr: Benzo(e)pyrene	68.4	54-102		%REC	1	1/27/2005 6:36:50 PM
<b>EPA METHOD 6010C: DISSOLVED METALS</b>						Analyst: CMC
Iron	ND	0.020		mg/L	1	1/20/2005 11:51:03 AM
<b>EPA METHOD 160.1: TDS</b>						Analyst: MAP
Total Dissolved Solids	1700	50		mg/L	1	1/26/2005
<b>EPA METHOD 351.3: TKN</b>						Analyst: CMC
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/28/2005

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

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-05

Client Sample ID: MW #48S  
 Collection Date: 1/18/2005 2:21:00 PM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						
Sulfate	120	2.5		mg/L	5	1/22/2005
						Analyst: MAP
<b>EPA METHOD 310.1: ALKALINITY</b>						
Alkalinity, Total (As CaCO3)	1100	4.0		mg/L CaCO3	2	2/1/2005
Carbonate	ND	4.0		mg/L CaCO3	2	2/1/2005
Bicarbonate	1100	4.0		mg/L CaCO3	2	2/1/2005
						Analyst: MAP
<b>EPA METHOD 8015B: DIESEL RANGE</b>						
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	1/24/2005 6:41:05 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	1/24/2005 6:41:05 PM
Surr: DNOP	111	58-140		%REC	1	1/24/2005 6:41:05 PM
						Analyst: JMP
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						
Gasoline Range Organics (GRO)	20	5.0		mg/L	100	1/21/2005 6:23:51 PM
Surr: BFB	109	78.3-120		%REC	100	1/21/2005 6:23:51 PM
						Analyst: NSB
<b>EPA METHOD 8260B: VOLATILES</b>						
Benzene	480	50		µg/L	50	1/25/2005
Toluene	ND	50		µg/L	50	1/25/2005
Ethylbenzene	1600	50		µg/L	50	1/25/2005
Methyl tert-butyl ether (MTBE)	ND	50		µg/L	50	1/25/2005
1,2,4-Trimethylbenzene	1700	50		µg/L	50	1/25/2005
1,3,5-Trimethylbenzene	380	50		µg/L	50	1/25/2005
1,2-Dichloroethane (EDC)	ND	50		µg/L	50	1/25/2005
1,2-Dibromoethane (EDB)	ND	50		µg/L	50	1/25/2005
Naphthalene	220	100		µg/L	50	1/25/2005
1-Methylnaphthalene	ND	200		µg/L	50	1/25/2005
2-Methylnaphthalene	ND	200		µg/L	50	1/25/2005
Acetone	ND	500		µg/L	50	1/25/2005
Bromobenzene	ND	50		µg/L	50	1/25/2005
Bromochloromethane	ND	50		µg/L	50	1/25/2005
Bromodichloromethane	ND	50		µg/L	50	1/25/2005
Bromoform	ND	50		µg/L	50	1/25/2005
Bromomethane	ND	100		µg/L	50	1/25/2005
2-Butanone	ND	500		µg/L	50	1/25/2005
Carbon disulfide	ND	500		µg/L	50	1/25/2005
Carbon Tetrachloride	ND	50		µg/L	50	1/25/2005
Chlorobenzene	ND	50		µg/L	50	1/25/2005
Chloroethane	ND	100		µg/L	50	1/25/2005
Chloroform	ND	50		µg/L	50	1/25/2005
Chloromethane	ND	50		µg/L	50	1/25/2005
2-Chlorotoluene	ND	50		µg/L	50	1/25/2005
4-Chlorotoluene	ND	50		µg/L	50	1/25/2005

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
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 \* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-05

Client Sample ID: MW #48S  
 Collection Date: 1/18/2005 2:21:00 PM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,2-DCE	ND	50		µg/L	50	1/25/2005
cis-1,3-Dichloropropene	ND	50		µg/L	50	1/25/2005
1,2-Dibromo-3-chloropropane	ND	100		µg/L	50	1/25/2005
Dibromochloromethane	ND	50		µg/L	50	1/25/2005
Dibromomethane	ND	100		µg/L	50	1/25/2005
1,2-Dichlorobenzene	ND	50		µg/L	50	1/25/2005
1,3-Dichlorobenzene	ND	50		µg/L	50	1/25/2005
1,4-Dichlorobenzene	ND	50		µg/L	50	1/25/2005
Dichlorodifluoromethane	ND	50		µg/L	50	1/25/2005
1,1-Dichloroethane	ND	50		µg/L	50	1/25/2005
1,1-Dichloroethene	ND	50		µg/L	50	1/25/2005
1,2-Dichloropropane	ND	50		µg/L	50	1/25/2005
1,3-Dichloropropane	ND	50		µg/L	50	1/25/2005
2,2-Dichloropropane	ND	50		µg/L	50	1/25/2005
1,1-Dichloropropene	ND	50		µg/L	50	1/25/2005
Hexachlorobutadiene	ND	50		µg/L	50	1/25/2005
2-Hexanone	ND	500		µg/L	50	1/25/2005
Isopropylbenzene	110	50		µg/L	50	1/25/2005
4-Isopropyltoluene	ND	50		µg/L	50	1/25/2005
4-Methyl-2-pentanone	ND	500		µg/L	50	1/25/2005
Methylene Chloride	ND	150		µg/L	50	1/25/2005
n-Butylbenzene	56	50		µg/L	50	1/25/2005
n-Propylbenzene	240	50		µg/L	50	1/25/2005
sec-Butylbenzene	ND	50		µg/L	50	1/25/2005
Styrene	ND	50		µg/L	50	1/25/2005
tert-Butylbenzene	ND	50		µg/L	50	1/25/2005
1,1,1,2-Tetrachloroethane	ND	50		µg/L	50	1/25/2005
1,1,2,2-Tetrachloroethane	ND	50		µg/L	50	1/25/2005
Tetrachloroethene (PCE)	ND	50		µg/L	50	1/25/2005
trans-1,2-DCE	ND	50		µg/L	50	1/25/2005
trans-1,3-Dichloropropene	ND	50		µg/L	50	1/25/2005
1,2,3-Trichlorobenzene	ND	50		µg/L	50	1/25/2005
1,2,4-Trichlorobenzene	ND	50		µg/L	50	1/25/2005
1,1,1-Trichloroethane	ND	50		µg/L	50	1/25/2005
1,1,2-Trichloroethane	ND	50		µg/L	50	1/25/2005
Trichloroethene (TCE)	ND	50		µg/L	50	1/25/2005
Trichlorofluoromethane	ND	50		µg/L	50	1/25/2005
1,2,3-Trichloropropane	ND	100		µg/L	50	1/25/2005
Vinyl chloride	ND	50		µg/L	50	1/25/2005
Xylenes, Total	7400	50		µg/L	50	1/25/2005
Surr: 1,2-Dichloroethane-d4	100	74.7-113		%REC	50	1/25/2005
Surr: 4-Bromofluorobenzene	99.0	86.1-120		%REC	50	1/25/2005

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# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-05

Client Sample ID: MW #48S  
 Collection Date: 1/18/2005 2:21:00 PM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: Dibromofluoromethane	94.9	86.3-110		%REC	50	1/25/2005
Surr: Toluene-d8	108	83.1-112		%REC	50	1/25/2005

## EPA METHOD 8310: PAHS

Analyst: BL

Naphthalene	160	2.5		µg/L	1	1/27/2005 7:24:50 PM
1-Methylnaphthalene	51	2.5		µg/L	1	1/27/2005 7:24:50 PM
2-Methylnaphthalene	59	2.5		µg/L	1	1/27/2005 7:24:50 PM
Acenaphthylene	ND	2.5		µg/L	1	1/27/2005 7:24:50 PM
Acenaphthene	ND	2.5		µg/L	1	1/27/2005 7:24:50 PM
Fluorene	ND	0.80		µg/L	1	1/27/2005 7:24:50 PM
Phenanthrene	1.3	0.60		µg/L	1	1/27/2005 7:24:50 PM
Anthracene	ND	0.60		µg/L	1	1/27/2005 7:24:50 PM
Fluoranthene	ND	0.30		µg/L	1	1/27/2005 7:24:50 PM
Pyrene	ND	0.30		µg/L	1	1/27/2005 7:24:50 PM
Benz(a)anthracene	ND	0.020		µg/L	1	1/27/2005 7:24:50 PM
Chrysene	ND	0.20		µg/L	1	1/27/2005 7:24:50 PM
Benzo(b)fluoranthene	ND	0.050		µg/L	1	1/27/2005 7:24:50 PM
Benzo(k)fluoranthene	ND	0.020		µg/L	1	1/27/2005 7:24:50 PM
Benzo(a)pyrene	ND	0.020		µg/L	1	1/27/2005 7:24:50 PM
Dibenz(a,h)anthracene	ND	0.040		µg/L	1	1/27/2005 7:24:50 PM
Benzo(g,h,i)perylene	ND	0.030		µg/L	1	1/27/2005 7:24:50 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	1/27/2005 7:24:50 PM
Surr: Benzo(e)pyrene	78.1	54-102		%REC	1	1/27/2005 7:24:50 PM

## EPA METHOD 6010C: DISSOLVED METALS

Analyst: CMC

Iron	ND	0.020		mg/L	1	1/20/2005 11:55:09 AM
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## EPA METHOD 160.1: TDS

Analyst: MAP

Total Dissolved Solids	1600	50		mg/L	1	1/26/2005
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## EPA METHOD 351.3: TKN

Analyst: CMC

Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/28/2005
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 R - RPD outside accepted recovery limits  
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# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-06

Client Sample ID: MW #49D  
 Collection Date: 1/18/2005 9:45:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b>						Analyst: MAP
Sulfate	220	2.5		mg/L	5	1/22/2005
<b>EPA METHOD 310.1: ALKALINITY</b>						Analyst: MAP
Alkalinity, Total (As CaCO3)	960	4.0		mg/L CaCO3	2	2/1/2005
Carbonate	ND	4.0		mg/L CaCO3	2	2/1/2005
Bicarbonate	960	4.0		mg/L CaCO3	2	2/1/2005
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	1/24/2005 7:10:55 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	1/24/2005 7:10:55 PM
Surr: DNOP	115	58-140		%REC	1	1/24/2005 7:10:55 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	0.11	0.050		mg/L	1	1/21/2005 6:53:37 PM
Surr: BFB	108	78.3-120		%REC	1	1/21/2005 6:53:37 PM
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: BDH
Benzene	3.8	1.0		µg/L	1	1/25/2005
Toluene	ND	1.0		µg/L	1	1/25/2005
Ethylbenzene	ND	1.0		µg/L	1	1/25/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/25/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/25/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/25/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/25/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/25/2005
Naphthalene	ND	2.0		µg/L	1	1/25/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	1/25/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	1/25/2005
Acetone	ND	10		µg/L	1	1/25/2005
Bromobenzene	ND	1.0		µg/L	1	1/25/2005
Bromochloromethane	ND	1.0		µg/L	1	1/25/2005
Bromodichloromethane	ND	1.0		µg/L	1	1/25/2005
Bromoform	ND	1.0		µg/L	1	1/25/2005
Bromomethane	ND	2.0		µg/L	1	1/25/2005
2-Butanone	ND	10		µg/L	1	1/25/2005
Carbon disulfide	ND	10		µg/L	1	1/25/2005
Carbon Tetrachloride	ND	1.0		µg/L	1	1/25/2005
Chlorobenzene	ND	1.0		µg/L	1	1/25/2005
Chloroethane	ND	2.0		µg/L	1	1/25/2005
Chloroform	ND	1.0		µg/L	1	1/25/2005
Chloromethane	ND	1.0		µg/L	1	1/25/2005
2-Chlorotoluene	ND	1.0		µg/L	1	1/25/2005
4-Chlorotoluene	ND	1.0		µg/L	1	1/25/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range

\* - Value exceeds Maximum Contaminant Level



# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-06

Client Sample ID: MW #49D  
 Collection Date: 1/18/2005 9:45:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,2-DCE	ND	1.0		µg/L	1	1/25/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/25/2005
Dibromochloromethane	ND	1.0		µg/L	1	1/25/2005
Dibromomethane	ND	2.0		µg/L	1	1/25/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	1/25/2005
1,2-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	1/25/2005
2-Hexanone	ND	10		µg/L	1	1/25/2005
Isopropylbenzene	ND	1.0		µg/L	1	1/25/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	1/25/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	1/25/2005
Methylene Chloride	ND	3.0		µg/L	1	1/25/2005
n-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
n-Propylbenzene	ND	1.0		µg/L	1	1/25/2005
sec-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
Styrene	ND	1.0		µg/L	1	1/25/2005
tert-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/25/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	1/25/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/25/2005
trans-1,2-DCE	ND	1.0		µg/L	1	1/25/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/25/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/25/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/25/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	1/25/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/25/2005
Vinyl chloride	ND	1.0		µg/L	1	1/25/2005
Xylenes, Total	ND	1.0		µg/L	1	1/25/2005
Surr: 1,2-Dichloroethane-d4	106	74.7-113		%REC	1	1/25/2005
Surr: 4-Bromofluorobenzene	96.2	86.1-120		%REC	1	1/25/2005

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

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-06

Client Sample ID: MW #49D  
 Collection Date: 1/18/2005 9:45:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: Dibromofluoromethane	98.5	86.3-110		%REC	1	1/25/2005
Surr: Toluene-d8	101	83.1-112		%REC	1	1/25/2005
<b>EPA METHOD 8310: PAHS</b>						Analyst: BL
Naphthalene	ND	2.5		µg/L	1	1/27/2005 8:12:49 PM
1-Methylnaphthalene	ND	2.5		µg/L	1	1/27/2005 8:12:49 PM
2-Methylnaphthalene	ND	2.5		µg/L	1	1/27/2005 8:12:49 PM
Acenaphthylene	ND	2.5		µg/L	1	1/27/2005 8:12:49 PM
Acenaphthene	ND	2.5		µg/L	1	1/27/2005 8:12:49 PM
Fluorene	ND	0.80		µg/L	1	1/27/2005 8:12:49 PM
Phenanthrene	ND	0.60		µg/L	1	1/27/2005 8:12:49 PM
Anthracene	ND	0.60		µg/L	1	1/27/2005 8:12:49 PM
Fluoranthene	ND	0.30		µg/L	1	1/27/2005 8:12:49 PM
Pyrene	ND	0.30		µg/L	1	1/27/2005 8:12:49 PM
Benz(a)anthracene	ND	0.020		µg/L	1	1/27/2005 8:12:49 PM
Chrysene	ND	0.20		µg/L	1	1/27/2005 8:12:49 PM
Benzo(b)fluoranthene	ND	0.050		µg/L	1	1/27/2005 8:12:49 PM
Benzo(k)fluoranthene	ND	0.020		µg/L	1	1/27/2005 8:12:49 PM
Benzo(a)pyrene	ND	0.020		µg/L	1	1/27/2005 8:12:49 PM
Dibenz(a,h)anthracene	ND	0.040		µg/L	1	1/27/2005 8:12:49 PM
Benzo(g,h,i)perylene	ND	0.030		µg/L	1	1/27/2005 8:12:49 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	1/27/2005 8:12:49 PM
Surr: Benzo(e)pyrene	78.4	54-102		%REC	1	1/27/2005 8:12:49 PM
<b>EPA METHOD 6010C: DISSOLVED METALS</b>						Analyst: CMC
Iron	0.82	0.020		mg/L	1	1/20/2005 12:18:37 PM
<b>EPA METHOD 160.1: TDS</b>						Analyst: MAP
Total Dissolved Solids	1600	50		mg/L	1	1/26/2005
<b>EPA METHOD 351.3: TKN</b>						Analyst: CMC
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/28/2005

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

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-07

Client Sample ID: MW #49S  
 Collection Date: 1/18/2005 11:06:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 300.0: ANIONS</b> Analyst: MAP						
Sulfate	210	2.5		mg/L	5	1/22/2005
<b>EPA METHOD 310.1: ALKALINITY</b> Analyst: MAP						
Alkalinity, Total (As CaCO3)	1000	4.0		mg/L CaCO3	2	2/1/2005
Carbonate	ND	4.0		mg/L CaCO3	2	2/1/2005
Bicarbonate	1000	4.0		mg/L CaCO3	2	2/1/2005
<b>EPA METHOD 8015B: DIESEL RANGE</b> Analyst: JMP						
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	1/24/2005 7:40:32 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	1/24/2005 7:40:32 PM
Surr: DNOP	113	58-140		%REC	1	1/24/2005 7:40:32 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b> Analyst: NSB						
Gasoline Range Organics (GRO)	0.14	0.050		mg/L	1	1/21/2005 7:23:29 PM
Surr: BFB	110	78.3-120		%REC	1	1/21/2005 7:23:29 PM
<b>EPA METHOD 8260B: VOLATILES</b> Analyst: BDH						
Benzene	4.2	1.0		µg/L	1	1/25/2005
Toluene	ND	1.0		µg/L	1	1/25/2005
Ethylbenzene	ND	1.0		µg/L	1	1/25/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/25/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/25/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/25/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/25/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/25/2005
Naphthalene	ND	2.0		µg/L	1	1/25/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	1/25/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	1/25/2005
Acetone	ND	10		µg/L	1	1/25/2005
Bromobenzene	ND	1.0		µg/L	1	1/25/2005
Bromochloromethane	ND	1.0		µg/L	1	1/25/2005
Bromodichloromethane	ND	1.0		µg/L	1	1/25/2005
Bromoform	ND	1.0		µg/L	1	1/25/2005
Bromomethane	ND	2.0		µg/L	1	1/25/2005
2-Butanone	ND	10		µg/L	1	1/25/2005
Carbon disulfide	ND	10		µg/L	1	1/25/2005
Carbon Tetrachloride	ND	1.0		µg/L	1	1/25/2005
Chlorobenzene	ND	1.0		µg/L	1	1/25/2005
Chloroethane	ND	2.0		µg/L	1	1/25/2005
Chloroform	ND	1.0		µg/L	1	1/25/2005
Chloromethane	ND	1.0		µg/L	1	1/25/2005
2-Chlorotoluene	ND	1.0		µg/L	1	1/25/2005
4-Chlorotoluene	ND	1.0		µg/L	1	1/25/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-07

Client Sample ID: MW #49S  
 Collection Date: 1/18/2005 11:06:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
cis-1,2-DCE	ND	1.0		µg/L	1	1/25/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/25/2005
Dibromochloromethane	ND	1.0		µg/L	1	1/25/2005
Dibromomethane	ND	2.0		µg/L	1	1/25/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	1/25/2005
1,2-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	1/25/2005
2-Hexanone	ND	10		µg/L	1	1/25/2005
Isopropylbenzene	ND	1.0		µg/L	1	1/25/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	1/25/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	1/25/2005
Methylene Chloride	ND	3.0		µg/L	1	1/25/2005
n-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
n-Propylbenzene	ND	1.0		µg/L	1	1/25/2005
sec-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
Styrene	ND	1.0		µg/L	1	1/25/2005
tert-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/25/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	1/25/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/25/2005
trans-1,2-DCE	ND	1.0		µg/L	1	1/25/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/25/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/25/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/25/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	1/25/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/25/2005
Vinyl chloride	ND	1.0		µg/L	1	1/25/2005
Xylenes, Total	ND	1.0		µg/L	1	1/25/2005
Surr: 1,2-Dichloroethane-d4	108	74.7-113		%REC	1	1/25/2005
Surr: 4-Bromofluorobenzene	89.2	86.1-120		%REC	1	1/25/2005

Qualifiers: ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank      E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-07

Client Sample ID: MW #49S  
 Collection Date: 1/18/2005 11:06:00 AM  
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Surr: Dibromofluoromethane	102	86.3-110		%REC	1	1/25/2005
Surr: Toluene-d8	99.5	83.1-112		%REC	1	1/25/2005
<b>EPA METHOD 8310: PAHS</b>						Analyst: BL
Naphthalene	ND	2.5		µg/L	1	1/27/2005 9:00:48 PM
1-Methylnaphthalene	ND	2.5		µg/L	1	1/27/2005 9:00:48 PM
2-Methylnaphthalene	ND	2.5		µg/L	1	1/27/2005 9:00:48 PM
Acenaphthylene	ND	2.5		µg/L	1	1/27/2005 9:00:48 PM
Acenaphthene	ND	2.5		µg/L	1	1/27/2005 9:00:48 PM
Fluorene	ND	0.80		µg/L	1	1/27/2005 9:00:48 PM
Phenanthrene	ND	0.60		µg/L	1	1/27/2005 9:00:48 PM
Anthracene	ND	0.60		µg/L	1	1/27/2005 9:00:48 PM
Fluoranthene	ND	0.30		µg/L	1	1/27/2005 9:00:48 PM
Pyrene	ND	0.30		µg/L	1	1/27/2005 9:00:48 PM
Benz(a)anthracene	ND	0.020		µg/L	1	1/27/2005 9:00:48 PM
Chrysene	ND	0.20		µg/L	1	1/27/2005 9:00:48 PM
Benzo(b)fluoranthene	ND	0.050		µg/L	1	1/27/2005 9:00:48 PM
Benzo(k)fluoranthene	ND	0.020		µg/L	1	1/27/2005 9:00:48 PM
Benzo(a)pyrene	ND	0.020		µg/L	1	1/27/2005 9:00:48 PM
Dibenz(a,h)anthracene	ND	0.040		µg/L	1	1/27/2005 9:00:48 PM
Benzo(g,h,i)perylene	ND	0.030		µg/L	1	1/27/2005 9:00:48 PM
Indeno(1,2,3-cd)pyrene	ND	0.080		µg/L	1	1/27/2005 9:00:48 PM
Surr: Benzo(e)pyrene	84.5	54-102		%REC	1	1/27/2005 9:00:48 PM
<b>EPA METHOD 6010C: DISSOLVED METALS</b>						Analyst: CMC
Iron	0.90	0.020		mg/L	1	1/20/2005 12:22:50 PM
<b>EPA METHOD 160.1: TDS</b>						Analyst: MAP
Total Dissolved Solids	1600	50		mg/L	1	1/26/2005
<b>EPA METHOD 351.3: TKN</b>						Analyst: CMC
Nitrogen, Kjeldahl, Total	ND	1.0		mg/L	1	1/28/2005

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank E - Value above quantitation range  
 \* - Value exceeds Maximum Contaminant Level

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-08

Client Sample ID: TRIP BLANK  
 Collection Date:  
 Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
<b>EPA METHOD 8015B: DIESEL RANGE</b>						Analyst: JMP
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	1/24/2005 8:39:48 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	1/24/2005 8:39:48 PM
Surr: DNOP	113	58-140		%REC	1	1/24/2005 8:39:48 PM
<b>EPA METHOD 8015B: GASOLINE RANGE</b>						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	1/21/2005 7:53:19 PM
Surr: BFB	101	78.3-120		%REC	1	1/21/2005 7:53:19 PM
<b>EPA METHOD 8260B: VOLATILES</b>						Analyst: BDH
Benzene	ND	1.0		µg/L	1	1/25/2005
Toluene	ND	1.0		µg/L	1	1/25/2005
Ethylbenzene	ND	1.0		µg/L	1	1/25/2005
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	1/25/2005
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	1/25/2005
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	1/25/2005
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	1/25/2005
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	1/25/2005
Naphthalene	ND	2.0		µg/L	1	1/25/2005
1-Methylnaphthalene	ND	4.0		µg/L	1	1/25/2005
2-Methylnaphthalene	ND	4.0		µg/L	1	1/25/2005
Acetone	ND	10		µg/L	1	1/25/2005
Bromobenzene	ND	1.0		µg/L	1	1/25/2005
Bromochloromethane	ND	1.0		µg/L	1	1/25/2005
Bromodichloromethane	ND	1.0		µg/L	1	1/25/2005
Bromoform	ND	1.0		µg/L	1	1/25/2005
Bromomethane	ND	2.0		µg/L	1	1/25/2005
2-Butanone	ND	10		µg/L	1	1/25/2005
Carbon disulfide	ND	10		µg/L	1	1/25/2005
Carbon Tetrachloride	ND	1.0		µg/L	1	1/25/2005
Chlorobenzene	ND	1.0		µg/L	1	1/25/2005
Chloroethane	ND	2.0		µg/L	1	1/25/2005
Chloroform	ND	1.0		µg/L	1	1/25/2005
Chloromethane	ND	1.0		µg/L	1	1/25/2005
2-Chlorotoluene	ND	1.0		µg/L	1	1/25/2005
4-Chlorotoluene	ND	1.0		µg/L	1	1/25/2005
cis-1,2-DCE	ND	1.0		µg/L	1	1/25/2005
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	1/25/2005
Dibromochloromethane	ND	1.0		µg/L	1	1/25/2005
Dibromomethane	ND	2.0		µg/L	1	1/25/2005
1,2-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,3-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005

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

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 E - Value above quantitation range

# Hall Environmental Analysis Laboratory

Date: 04-Feb-05

CLIENT: San Juan Refining  
 Lab Order: 0501150  
 Project: River Terrace Investigation  
 Lab ID: 0501150-08

Client Sample ID: TRIP BLANK

Collection Date:

Matrix: TRIP BLANK

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
1,4-Dichlorobenzene	ND	1.0		µg/L	1	1/25/2005
Dichlorodifluoromethane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloroethane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloroethene	ND	1.0		µg/L	1	1/25/2005
1,2-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
1,3-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
2,2-Dichloropropane	ND	1.0		µg/L	1	1/25/2005
1,1-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
Hexachlorobutadiene	ND	1.0		µg/L	1	1/25/2005
2-Hexanone	ND	10		µg/L	1	1/25/2005
Isopropylbenzene	ND	1.0		µg/L	1	1/25/2005
4-Isopropyltoluene	ND	1.0		µg/L	1	1/25/2005
4-Methyl-2-pentanone	ND	10		µg/L	1	1/25/2005
Methylene Chloride	ND	3.0		µg/L	1	1/25/2005
n-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
n-Propylbenzene	ND	1.0		µg/L	1	1/25/2005
sec-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
Styrene	ND	1.0		µg/L	1	1/25/2005
tert-Butylbenzene	ND	1.0		µg/L	1	1/25/2005
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	1/25/2005
1,1,2,2-Tetrachloroethane	ND	1.0		µg/L	1	1/25/2005
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	1/25/2005
trans-1,2-DCE	ND	1.0		µg/L	1	1/25/2005
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	1/25/2005
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	1/25/2005
1,1,1-Trichloroethane	ND	1.0		µg/L	1	1/25/2005
1,1,2-Trichloroethane	ND	1.0		µg/L	1	1/25/2005
Trichloroethene (TCE)	ND	1.0		µg/L	1	1/25/2005
Trichlorofluoromethane	ND	1.0		µg/L	1	1/25/2005
1,2,3-Trichloropropane	ND	2.0		µg/L	1	1/25/2005
Vinyl chloride	ND	1.0		µg/L	1	1/25/2005
Xylenes, Total	ND	1.0		µg/L	1	1/25/2005
Surr: 1,2-Dichloroethane-d4	104	74.7-113		%REC	1	1/25/2005
Surr: 4-Bromofluorobenzene	101	86.1-120		%REC	1	1/25/2005
Surr: Dibromofluoromethane	98.3	86.3-110		%REC	1	1/25/2005
Surr: Toluene-d8	105	83.1-112		%REC	1	1/25/2005

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\* - Value exceeds Maximum Contaminant Level