

GW - 55

REPORTS

Appendix A

10-28-09

MONITORING WELL SAMPLING RECORD Animas Environmental Services

Monitor Well No: TW-1

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery Project No.: AES 050204
 Location: Bloomfield, New Mexico Date: 8-19-09
 Project: Groundwater Monitoring and Sampling Arrival Time: 1100
 Sampling Technician: _____ Air Temp: 90°
 Purge / No Purge: Purge T.O.C. Elev. (ft): 5471.58
 Well Diameter (in): 2 Total Well Depth (ft): 30.18 33.0'
 Initial D.T.W. (ft): _____ Time: _____ (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 30.73 Time: 1136 (taken prior to purging well)
 Final D.T.W. (ft): 32.05 Time: 1206 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1147	14.16	1.288	9.20	6.78	292.0	0.5	
1158	16.17	1.795	8.08	7.09	289.1	1.0	
						1.5	Low Yield Sample

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 33.18 - 30.73 =
33 - 30.73 = 2.27' x .1632 = 0.370 x 3 = 1.11

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-2

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 28.93 Time: 8:12 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 28.97 Time: 12:12 (taken prior to purging well)
 Final D.T.W. (ft): 29.00 Time: 12:37 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-19-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5469.31
 Total Well Depth (ft): 33.11

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1219	16.09	2.429	5.55	7.12	288.4	0.5	
1223	16.35	2.643	3.07	7.03	298.0	1.0	
1231	16.85	2.948	2.68	7.03	291.3	2.0	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter
and New Disposable Bailer

Notes/Comments: 33.11 - 28.97 = 4.14 x .1632 = 0.7 x 3 = 2.1

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-3

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 28.02' Time: 8/12
 Confirm D.T.W. (ft): 28.05' Time: 1244
 Final D.T.W. (ft): 28.10 Time: 1308
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-19-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5468.14
 Total Well Depth (ft): 33.08
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1250	16.41	3.921	2.03	7.00	291.3	0.5	
1253	16.18	4.002	1.97	6.99	290.4	1.0	
1302	16.34	4.160	2.12	6.95	289.5	2.5	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 33-28=5 x .1632 = 0.816 x 3 = 2.5

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-4

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 19.18 Time: 8/12
 Confirm D.T.W. (ft): 19.22 Time: 1315
 Final D.T.W. (ft): 19.30 Time: 1339
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-19-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5458.72
 Total Well Depth (ft): 28.05
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1321	16.36	5.950	3.50	7.07	298.4	1	
1324	16.07	6.053	4.40	7.06	291.0	2	
1333	16.19	6.739	4.19	7.08	289.9	4.3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailor

Notes/Comments: 28-19.22 = 8.78 x .1632 - 1.4 x 3 = 4.3

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-5

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 25.53 Time: 8/12 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 25.58 Time: 1434 (taken prior to purging well)
 Final D.T.W. (ft): 25.59 Time: 1456 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-19-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5465.18
 Total Well Depth (ft): 33.09

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1440	17.36	4.250	6.25	7.16	296.2	1	
1445	16.47	3.816	6.57	7.05	298.1	2	
1452	16.55	3.636	5.53	6.96	298.9	3.6	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 33 - 25.58 = 7.42 x .1632 = 1.2 x 3 = 3.6

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-6

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 24.79 Time: 8/12 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 24.82 Time: 1504 (taken prior to purging well)
 Final D.T.W. (ft): 24.85 Time: 1525 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-19-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5463.57
 Total Well Depth (ft): 33.1

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1509	16.35	4.173	2.70	7.03	296.6	1	
1512	16.16	4.303	2.17	7.01	295.8	2	
1520	16.24	4.535	1.81	6.98	295.6	4	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 33-24.82 = 8.2 x .632 : 1.3 x 3 = 4

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-7

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 2
Initial D.T.W. (ft): 22.23 Time: 8:12
Confirm D.T.W. (ft): 22.25 Time: 1534
Final D.T.W. (ft): 22.31 Time: 1554
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
Date: 8-19-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5461.17
Total Well Depth (ft): 28.08
(taken at initial gauging of all wells)
(taken prior to purging well)
(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1539	16.46	5.185	2.04	6.84	295.2	1	
1542	16.27	4.974	2.05	6.89	291.9	2	
1550	16.37	4.780	1.67	6.92	290.3	3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 28-22.25 = 5.75 x 16.39 = 0.938 x 3 = 2.861

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-8

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 19.83 Time: 8:12
 Confirm D.T.W. (ft): 19.88 Time: 0855
 Final D.T.W. (ft): 19.90 Time: 0929
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-20-09
 Arrival Time: 0830
 Air Temp: _____
 T.O.C. Elev. (ft): 5458.29
 Total Well Depth (ft): 27.61
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
0911	15.11	2.423	2.51	6.94	275.6	1	
0914	14.61	2.813	1.80	6.99	289.0	2	
0924	14.52	4.523	1.40	7.12	264.7	4	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 27.6 - 19.88 = 7.72 x .1632 = 1.3 x 3 = 4 GAL

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-9

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 12.45 Time: 8/12 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 12.49 Time: 0938 (taken prior to purging well)
 Final D.T.W. (ft): 12.50 Time: 1001 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-20-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5450.61
 Total Well Depth (ft): 17.61

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
0944	16.62	2.683	1.50	7.53	257.0	0.5	
0947	16.80	2.533	1.47	7.57	231.2	1.0	
0954	16.93	2.397	1.33	7.57	269.2	2.5	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 ml plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 17.6 - 12.49 = 5.11 x 1.632 = 0.843 = 2.561

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-10

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 12.65 Time: 8:12
 Confirm D.T.W. (ft): 12.70 Time: 10:10
 Final D.T.W. (ft): 12.75 Time: 10:30
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-20-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5450.16
 Total Well Depth (ft): 20.51
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
10:15	16.63	3.786	1.59	7.41	258.6	1	
10:18	16.38	3.871	1.51	7.41	260.9	2	
10:25	16.75	4.019	1.42	7.37	251.7	4	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 20.5 - 12.70 = 7.8 x .1632 = 1.3 x 3 = 3.8

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-11

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 18.18 Time: 8/12 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 18.22 Time: 1045 (taken prior to purging well)
 Final D.T.W. (ft): 18.22 Time: 1110 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-20-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5456.31
 Total Well Depth (ft): 26.44

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1052	15.80	6.064	3.27	7.46	281.8	1	
1055	15.32	6.215	3.53	7.46	278.4	2	
1105	15.35	6.704	2.52	7.43	261.9	4	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 26.44 - 18.22 = 8.22 x .1632 = 1.3 x 3 = 4.0

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-12

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery

Project No.: AES 050204

Location: Bloomfield, New Mexico

Date: 8-20-09

Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: Purge

T.O.C. Elev. (ft): 5460.44

Well Diameter (in): 2

Total Well Depth (ft): 27.91

Initial D.T.W. (ft): 22.46 Time: 8:12 (taken at initial gauging of all wells)

Confirm D.T.W. (ft): 22.50 Time: 11:20 (taken prior to purging well)

Final D.T.W. (ft): 22.51 Time: 11:47 (taken after sample collection)

If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1128	16.83	4.490	2.36	7.17	273.7	.5	
1131	17.19	4.124	2.29	7.09	271.0	1.5	
1139	17.09	3.581	2.34	7.02	266.5	2.5	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 27.91 - 22.50 = 5.41 x .1632 = 0.8 x 3 = 2.4 gal

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-13

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 20.75 D.T.W.: 21.77 Thickness: 1.02 Time: 1623 / 8 12-09

Project No.: AES 050204
 Date: 8-20-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5458.17
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample
							Napl

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-14

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 2
Initial D.T.W. (ft): 17.02' Time: 8/13
Confirm D.T.W. (ft): _____ Time: _____
Final D.T.W. (ft): _____ Time: _____
If NAPL Present: D.T.P.: 16.89' D.T.W.: 17.02' Thickness: 0.13' Time: 1253

Project No.: AES 050204
Date: 8-20-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5454.24
Total Well Depth (ft): _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							<u>No Sample</u> <u>Napl</u>

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-15

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 13.34' Time: 8:13
 Confirm D.T.W. (ft): 13.35 Time: 13:03
 Final D.T.W. (ft): 13.40 Time: 13:27
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-20-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5450.44
 Total Well Depth (ft): 22.2

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1310	16.88	5.530	3.78	7.36	296.1	1	
1313	16.24	5.647	3.76	7.30	283.9	2	
1321	16.49	6.056	3.64	7.26	320.0	4.3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 22.2 - 13.35 = 8.85 x .1632 : 1.4 x 3 = 4.3

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-16

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 2
Initial D.T.W. (ft): 11.81 Time: 8/13 (taken at initial gauging of all wells)
Confirm D.T.W. (ft): 11.85 Time: 1338 (taken prior to purging well)
Final D.T.W. (ft): 11.85 Time: 1406 (taken after sample collection)
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
Date: 8-26-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5448.45
Total Well Depth (ft): 15.46

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
						<u>5</u>	
<u>1401</u>	<u>16.57</u>	<u>6.025</u>	<u>3.66</u>	<u>7.4</u>	<u>285.2</u>	<u>1.0</u> <u>2.0</u>	<u>well Rooting In Problem Bailing</u>

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hal Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 15.46 - 11.85 = 3.61 x 1632 = 0.643 = 1.8

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-17624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022Site: Thriftway #810 RefineryProject No.: AES 050204Location: Bloomfield, New MexicoDate: 8-21-09Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: PurgeT.O.C. Elev. (ft): 5456.24Well Diameter (in): 2Total Well Depth (ft): 17Initial D.T.W. (ft): 10.28' Time: 8:13 (taken at initial gauging of all wells)Confirm D.T.W. (ft): 10.31' Time: 0905 (taken prior to purging well)Final D.T.W. (ft): 10.35 Time: 0929 (taken after sample collection)

If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
0912	17.59	3.258	10.00	7.11	300.1	1	
0915	17.78	5.453	9.37	7.09	294.7	2	
0923	17.86	6.100	8.37	7.13	289.9	3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter
and New Disposable Bailer

Notes/Comments: 17- 10.31' = 6.69 x .1632 = 1.0 x 3 = 36.1

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-18624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022Site: Thriftway #810 RefineryProject No.: AES 050204Location: Bloomfield, New MexicoDate: 8-21-09Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: PurgeT.O.C. Elev. (ft): 5452.73Well Diameter (in): 2

Total Well Depth (ft): _____

Initial D.T.W. (ft): 16.45 Time: 8:13 (taken at initial gauging of all wells)Confirm D.T.W. (ft): 16.48 Time: 0940 (taken prior to purging well)

Final D.T.W. (ft): _____ Time: _____ (taken after sample collection)

If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
0948	17.93	5.388	7.99	6.87	288.5	1	
0952	17.26	5.346	7.77	6.95	285.6	2	
1001	17.32	5.273	7.64	6.94	285.8	4	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NMEquipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter
and New Disposable Bailer

Notes/Comments:

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-19

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 22.13 D.T.W.: 22.86 Thickness: 0.73' Time: _____

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5458.49
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							NO SAMPLE
							NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-20

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 17.64 D.T.W.: 19.17 Thickness: 1.53' Time: _____

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5453.74
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							NO Sample NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-21

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 16.50' D.T.W.: 16.94' Thickness: 0.44' Time: _____

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5451.85
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample
							NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

MONITORING WELL SAMPLING RECORD	Animas Environmental Services
Monitor Well No: <u> TW-22 </u>	624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

Site: <u>Thriftway #810 Refinery</u>	Project No.: <u>AES 050204</u>
Location: <u>Bloomfield, New Mexico</u>	Date: <u>8-21-09</u>
Project: <u>Groundwater Monitoring and Sampling</u>	Arrival Time: _____
Sampling Technician: _____	Air Temp: _____
Purge / No Purge: <u>Purge</u>	T.O.C. Elev. (ft): <u>5450.19</u>
Well Diameter (in): <u>2</u>	Total Well Depth (ft): _____
Initial D.T.W. (ft): _____ Time: _____	<i>(taken at initial gauging of all wells)</i>
Confirm D.T.W. (ft): _____ Time: _____	<i>(taken prior to purging well)</i>
Final D.T.W. (ft): _____ Time: _____	<i>(taken after sample collection)</i>
If NAPL Present: D.T.P.: <u>14.79</u> D.T.W.: <u>15.39</u> Thickness: <u>0.60'</u> Time: _____	

Water Quality Parameters - Recorded During Well Purging							
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample
							NAPL

Analytical Parameters (include analysis method and number and type of sample containers)
Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve) Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve) Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)
Disposal of Purged Water: _____
Collected Samples Stored on Ice in Cooler: _____
Chain of Custody Record Complete: _____
Analytical Laboratory: <u>Hall Environmental Analysis Laboratory, Albuquerque, NM</u>
Equipment Used During Sampling: <u>Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer</u>

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-23

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery

Project No.: AES 050204

Location: Bloomfield, New Mexico

Date: 8-21-09

Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: Purge

T.O.C. Elev. (ft): 5443.64

Well Diameter (in): 2

Total Well Depth (ft): 15.48

Initial D.T.W. (ft): 9.05' Time: 8/13 (taken at initial gauging of all wells)

Confirm D.T.W. (ft): 9.07' Time: 10.22 (taken prior to purging well)

Final D.T.W. (ft): 9.15' Time: 1058 (taken after sample collection)

If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (μ S) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1028	18.69	7.374	6.04	7.14	282.4	1	
1030	18.53	7.521	5.90	7.17	281.8	2	
1038	18.47	7.953	5.40	7.17	286.8	3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level. YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 15.48 - 9.07' = 6.41' \times .1632 = 1.0 \times 3 = 3 gal

MONITORING WELL SAMPLING RECORD	Animas Environmental Services
Monitor Well No: <u> TW-24 </u>	624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

Site: <u>Thriftway #810 Refinery</u> Location: <u>Bloomfield, New Mexico</u> Project: <u>Groundwater Monitoring and Sampling</u> Sampling Technician: _____ Purge / No Purge: <u> Purge </u> Well Diameter (in): <u> 2 </u> Initial D.T.W. (ft): <u> 11.25 </u> Time: <u> 8/13 </u> (taken at initial gauging of all wells) Confirm D.T.W. (ft): <u> 11.26 </u> Time: <u> 11/5 </u> (taken prior to purging well) Final D.T.W. (ft): _____ Time: _____ (taken after sample collection) If NAPL Present: D.T.P.: <u> 11.10 </u> D.T.W.: <u> 11.22 </u> Thickness: <u> 0.12' </u> Time: <u> 11/24 </u>	Project No.: <u>AES 050204</u> Date: <u> 8-21-09 </u> Arrival Time: _____ Air Temp: _____ T.O.C. Elev. (ft): <u> 5444.79 </u> Total Well Depth (ft): <u> 17.45 </u>
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Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
						1	No Sample
						2	Nap1
						3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 17.45 - 11.26 = 6.2 x .1632 1.0 x 3 = 3 Gal.

revised: 08/10/09

MONITORING WELL SAMPLING RECORD	Animas Environmental Services
Monitor Well No: <u> TW-25 </u>	624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

Site: <u>Thriftway #810 Refinery</u>	Project No.: <u>AES 050204</u>
Location: <u>Bloomfield, New Mexico</u>	Date: <u>8-21-09</u>
Project: <u>Groundwater Monitoring and Sampling</u>	Arrival Time: _____
Sampling Technician: _____	Air Temp: _____
Purge / No Purge: <u> Purge </u>	T.O.C. Elev. (ft): <u> 5448.8 </u>
Well Diameter (in): <u> 2 </u>	Total Well Depth (ft): _____
Initial D.T.W. (ft): _____ Time: _____	<i>(taken at initial gauging of all wells)</i>
Confirm D.T.W. (ft): _____ Time: _____	<i>(taken prior to purging well)</i>
Final D.T.W. (ft): _____ Time: _____	<i>(taken after sample collection)</i>
If NAPL Present: D.T.P.: <u>14.14</u> D.T.W.: <u>14.63</u> Thickness: <u>0.49</u> Time: <u>1:28</u>	

Water Quality Parameters - Recorded During Well Purging							
Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample
							NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
Collected Samples Stored on Ice in Cooler: _____
Chain of Custody Record Complete: _____
Analytical Laboratory: <u>Hall Environmental Analysis Laboratory, Albuquerque, NM</u>
Equipment Used During Sampling: <u>Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer</u>

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-26

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 2
Initial D.T.W. (ft): 15.83 Time: _____
Confirm D.T.W. (ft): _____ Time: _____
Final D.T.W. (ft): _____ Time: _____
If NAPL Present: D.T.P.: 15.83 D.T.W.: 17.29 Thickness: 1.46 Time: 1:29

Project No.: AES 050204
Date: 8-21-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5450.34
Total Well Depth (ft): _____
(taken at initial gauging of all wells)
(taken prior to purging well)
(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: _____

MONITORING WELL SAMPLING RECORD	Animas Environmental Services
Monitor Well No: <u> TW-27 </u> <i>X</i>	624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

Site: <u>Thriftway #810 Refinery</u>	Project No.: <u>AES 050204</u>
Location: <u>Bloomfield, New Mexico</u>	Date: _____
Project: <u>Groundwater Monitoring and Sampling</u>	Arrival Time: _____
Sampling Technician: _____	Air Temp: _____
Purge / No Purge: <u> Purge </u>	T.O.C. Elev. (ft): _____
Well Diameter (in): <u> 2 </u>	Total Well Depth (ft): _____
Initial D.T.W. (ft): _____	Time: _____ <i>(taken at initial gauging of all wells)</i>
Confirm D.T.W. (ft): _____	Time: _____ <i>(taken prior to purging well)</i>
Final D.T.W. (ft): _____	Time: _____ <i>(taken after sample collection)</i>
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____	

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							<i>NO SUCH WELL</i>

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter
and New Disposable Bailer

Notes/Comments:

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-28

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 13.27 D.T.W.: 16.31' Thickness: 1.04' Time: 1:30

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5449.24
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample
							NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-29

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 9.22' D.T.W.: 10.06' Thickness: 0.84' Time: 1131

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5441.87
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-30

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thrfway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 6.05' Time: 8/13 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 6.07' Time: 1141 (taken prior to purging well)
 Final D.T.W. (ft): 6.11 Time: 1202 (taken after sample collection)
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5437.93
 Total Well Depth (ft): 17.14

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1147	21.30	8.190	5.43	6.71	313.4	1	
1150	19.23	7.465	5.77	6.63	307.1	2.5	
1157	18.52	7.238	5.52	6.61	309.0	5.5	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 17.14 - 6.07' = 11.0 x .1632 = 1.8 x 3 = 5.4

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-31

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 7.17 Time: 8/13
 Confirm D.T.W. (ft): 7.18 Time: 1300
 Final D.T.W. (ft): 7.20 Time: 1357
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5438.54
 Total Well Depth (ft): 12.96
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1305	21.77	10.32	7.82	6.84	325.1	1	
1308	21.71	10.35	6.90	6.84	319.9	2	
1319	21.75					3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 12.96 - 7.18 = 5.78 x .1632 = .0.9 : 2.7

revised: 08/10/09

MONITORING WELL SAMPLING RECORD	Animas Environmental Services
Monitor Well No: <u> TW-32 </u>	624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

Site: <u>Thriftway #810 Refinery</u>	Project No.: <u>AES 050204</u>
Location: <u>Bloomfield, New Mexico</u>	Date: <u>8-21-09</u>
Project: <u>Groundwater Monitoring and Sampling</u>	Arrival Time: _____
Sampling Technician: _____	Air Temp: _____
Purge / No Purge: <u> Purge </u>	T.O.C. Elev. (ft): <u> 5441.61 </u>
Well Diameter (in): <u> 2 </u>	Total Well Depth (ft): _____
Initial D.T.W. (ft): _____	Time: _____ (taken at initial gauging of all wells)
Confirm D.T.W. (ft): _____	Time: _____ (taken prior to purging well)
Final D.T.W. (ft): _____	Time: _____ (taken after sample collection)
If NAPL Present: D.T.P.: <u>9.12'</u> D.T.W.: <u>10.86'</u> Thickness: <u>1.74'</u> Time: <u>1335</u>	

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							NO Sample Napl

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (8-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-33

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: _____ Purge
 Well Diameter (in): _____ 2
 Initial D.T.W. (ft): _____ Time: _____
 Confirm D.T.W. (ft): _____ Time: _____
 Final D.T.W. (ft): _____ Time: _____
 If NAPL Present: D.T.P.: 12.96' D.T.W.: 13.10' Thickness: 0.14' Time: 1336

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5445.85
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DR0, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter
and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-34

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 2
Initial D.T.W. (ft): 20.22 Time: 8:13
Confirm D.T.W. (ft): 20.23 Time: 1352
Final D.T.W. (ft): 20.79 Time: 1414
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
Date: 8-24-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5455.8
Total Well Depth (ft): 26.78
(taken at initial gauging of all wells)
(taken prior to purging well)
(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1358	15.63	9.962	6.33	7.14	295.8	1	
1401	15.48	9.942	6.08	7.13	297.4	2	
1409	15.43	10.07	6.19	7.06	303.7	3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 26.78 - 20.23 = 6.55 x .1632 = 1.06 x 3 = 3

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-35

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery

Project No.: AES 050204

Location: Bloomfield, New Mexico

Date: 8-24-09

Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: Purge

T.O.C. Elev. (ft): 5449.14

Well Diameter (in): 15.262

Total Well Depth (ft): 22.34

Initial D.T.W. (ft): 15.26 Time: 8-13 (taken at initial gauging of all wells)

Confirm D.T.W. (ft): 15.29 Time: 1323 (taken prior to purging well)

Final D.T.W. (ft): 15.31 Time: 1344 (taken after sample collection)

If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1329	17.09	11.70	7.77	7.18	299.9	1	
1332	16.61	11.45	7.38	7.11	295.2	2	
1340	16.41	11.80	6.90	7.02	295.1	3.3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 22.34 - 15.29 = 7.0 x .1632 = 1.143 = 3.3

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-36

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery

Project No.: AES 050204

Location: Bloomfield, New Mexico

Date: 8-21-09

Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: Purge

T.O.C. Elev. (ft): 5441.91

Well Diameter (in): 2

Total Well Depth (ft): 20.35

Initial D.T.W. (ft): _____ Time: _____ *(taken at initial gauging of all wells)*

Confirm D.T.W. (ft): _____ Time: _____ *(taken prior to purging well)*

Final D.T.W. (ft): _____ Time: _____ *(taken after sample collection)*

If NAPL Present: D.T.P.: 13.17' D.T.W.: 13.35' Thickness: 0.18' Time: 1340

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

MONITORING WELL SAMPLING RECORD	Animas Environmental Services
Monitor Well No: <u>TW-37</u>	624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022

Site: <u>Thriftway #810 Refinery</u>	Project No.: <u>AES 050204</u>
Location: <u>Bloomfield, New Mexico</u>	Date: <u>8-21-09</u>
Project: <u>Groundwater Monitoring and Sampling</u>	Arrival Time: _____
Sampling Technician: _____	Air Temp: _____
Purge / No Purge: <u>Purge</u>	T.O.C. Elev. (ft): <u>5439.59</u>
Well Diameter (in): <u>2</u>	Total Well Depth (ft): <u>16.5</u>
Initial D.T.W. (ft): <u>10.67'</u> Time: <u>8:13</u> (taken at initial gauging of all wells)	
Confirm D.T.W. (ft): <u>10.71'</u> Time: <u>1:345</u> (taken prior to purging well)	
Final D.T.W. (ft): <u>10.73</u> Time: <u>1:406</u> (taken after sample collection)	
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____	

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
<u>1351</u>	<u>19.69</u>	<u>6.292</u>	<u>4.46</u>	<u>7.22</u>	<u>298.9</u>	<u>1</u>	
<u>1354</u>	<u>18.79</u>	<u>6.162</u>	<u>4.35</u>	<u>7.22</u>	<u>296.1</u>	<u>2</u>	
<u>1401</u>	<u>18.77</u>					<u>3</u>	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials: 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailor

Notes/Comments: 16.5 - 10.71 = 5.8 x .1632 = 0.94 x 3 = 360 l

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-38

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 11.55 Time: 8/13 (taken at initial gauging of all wells)
 Confirm D.T.W. (ft): 11.58 Time: 1417 (taken prior to purging well)
 Final D.T.W. (ft): _____ Time: _____ (taken after sample collection)
 If NAPL Present: D.T.P.: 11.57 D.T.W.: 11.58 Thickness: 0.01 Time: 1424

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5442.11
 Total Well Depth (ft): 15.5

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
						<u>0.5</u>	<u>No Sample</u>
						<u>1.0</u>	<u>NapL</u>
						<u>2/0</u>	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0. TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 15.5 - 11.58 = 3.92 x .1632 = 0.1A = 1.92

MONITORING WELL SAMPLING RECORD
 Monitor Well No: TW-39

Animas Environmental Services
 624 E. Comanche, Farmington NM 87401
 Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (In): 2
 Initial D.T.W. (ft): 7.94 Time: 8/13
 Confirm D.T.W. (ft): 7.96 Time: 1435
 Final D.T.W. (ft): 8.20 Time: 1500
 If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
 Date: 8-21-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5438.43
 Total Well Depth (ft): _____
 (taken at initial gauging of all wells)
 (taken prior to purging well)
 (taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1441	23.18	8.152	4.45	6.94	329.8	1	
1444	23.21	8.787	4.11	6.88	324.3	2	
1453	23.34	8.946	4.48	6.93	328.1	3	

Analytical Parameters (include analysis method and number and type of sample containers)
 Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailor

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-40

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery

Project No.: AES 050204

Location: Bloomfield, New Mexico

Date: 8-24-09

Project: Groundwater Monitoring and Sampling

Arrival Time: 0900

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: Purge

T.O.C. Elev. (ft): 5437.5

Well Diameter (in): 2

Total Well Depth (ft): 5437.5

Initial D.T.W. (ft): _____ Time: _____ (taken at initial gauging of all wells)

Confirm D.T.W. (ft): _____ Time: _____ (taken prior to purging well)

Final D.T.W. (ft): _____ Time: _____ (taken after sample collection)

If NAPL Present: D.T.P.: 7.99' D.T.W.: 8.63 Thickness: 0.64' Time: 0927

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
							No Sample
							NAPL

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-41624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 6.20 2
Initial D.T.W. (ft): _____ Time: 8/13
Confirm D.T.W. (ft): 6.27 Time: 0938
Final D.T.W. (ft): 6.30 Time: 1010
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____Project No.: AES 050204
Date: 8-24-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5434.77
Total Well Depth (ft): 17.60
(taken at initial gauging of all wells)
(taken prior to purging well)
(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
0946	21.62	7.082	6.05	6.69	280.0	1	
0950	20.62	7.397	8.22	6.65	279.5	2	
0959	20.12	9.811	9.20 8.56	6.72	126.3	2.5	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0. TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NMEquipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable BailerNotes/Comments: 11.00 - 6.27 = 4.73 x .163 = 0.77 = 0.3

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-42

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
Location: Bloomfield, New Mexico
Project: Groundwater Monitoring and Sampling
Sampling Technician: _____
Purge / No Purge: Purge
Well Diameter (in): 2
Initial D.T.W. (ft): 6.29 Time: 8/13
Confirm D.T.W. (ft): 6.37 Time: 1025
Final D.T.W. (ft): 6.38 Time: 1106
If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Project No.: AES 050204
Date: 8-24-09
Arrival Time: _____
Air Temp: _____
T.O.C. Elev. (ft): 5433.76
Total Well Depth (ft): 11.82
(taken at initial gauging of all wells)
(taken prior to purging well)
(taken after sample collection)

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1032	19.69	10.76	7.26	7.13	165.0	.5	
1035	19.73	10.87	7.11	7.17	132.0	1.5	
1046	19.48	10.81	7.23	7.23	219.0	2.5	
			6.43				

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 11.82 - 6.37 = 5.45 x .1632 = 0.8 x 3 = 2.4

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-43

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery
 Location: Bloomfield, New Mexico
 Project: Groundwater Monitoring and Sampling
 Sampling Technician: _____
 Purge / No Purge: Purge
 Well Diameter (in): 2
 Initial D.T.W. (ft): 12.42 Time: 8/13
 Confirm D.T.W. (ft): 12.44 Time: 12:15
 Final D.T.W. (ft): 12.90 Time: 12:37
 If NAPL Present: D.T.P.: _____ D.T.W.: _____

Project No.: AES 050204
 Date: 8-24-09
 Arrival Time: _____
 Air Temp: _____
 T.O.C. Elev. (ft): 5440.42
 Total Well Depth (ft): 18.86
 Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1220	17.45	8.706	7.04	7.22	198.1	1	
1223	17.68	8.769	6.90	7.14	201.1	2	
1231	17.73	8.834	6.92	6.94	204.1	3	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
 Collected Samples Stored on Ice in Cooler: _____
 Chain of Custody Record Complete: _____
 Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
 Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 18.86 - 12.44 = 6.42 x .1632 x 1.0 x 3 = 3

revised: 08/10/09

MONITORING WELL SAMPLING RECORD

Animas Environmental Services

Monitor Well No: TW-44

624 E. Comanche, Farmington NM 87401
Tel. (505) 564-2281 Fax (505) 324-2022

Site: Thriftway #810 Refinery

Project No.: AES 050204

Location: Bloomfield, New Mexico

Date: 8-24-00

Project: Groundwater Monitoring and Sampling

Arrival Time: _____

Sampling Technician: _____

Air Temp: _____

Purge / No Purge: Purge

T.O.C. Elev. (ft): 5444.08

Well Diameter (in): 2

Total Well Depth (ft): 20.45

Initial D.T.W. (ft): 15.10 Time: 8/13 (taken at initial gauging of all wells)

Confirm D.T.W. (ft): 15.15 Time: 1244 (taken prior to purging well)

Final D.T.W. (ft): 21.60 Time: 1305 (taken after sample collection)

If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____

Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations
1250	17.21	8.875	6.80	6.65	226.7	.5	
1301	16.80	9.788	6.47	6.74	248.3	1.5	Low Yield / Sample
						2/6	

Analytical Parameters (include analysis method and number and type of sample containers)

Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____

Collected Samples Stored on Ice in Cooler: _____

Chain of Custody Record Complete: _____

Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM

Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter and New Disposable Bailer

Notes/Comments: 20.45 - 15.15 = 5.30 x .1632 = 0.86 x 3 = 2.6

revised: 08/10/09

MONITORING WELL SAMPLING RECORD Monitor Well No: <u> TW-45 </u>	Animas Environmental Services 624 E. Comanche, Farmington NM 87401 Tel. (505) 564-2281 Fax (505) 324-2022
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Site: <u>Thriftway #810 Refinery</u> Location: <u>Bloomfield, New Mexico</u> Project: <u>Groundwater Monitoring and Sampling</u> Sampling Technician: _____ Purge / No Purge: _____ Purge Well Diameter (in): _____ 2 _____ Initial D.T.W. (ft): _____ Time: _____ Confirm D.T.W. (ft): _____ Time: _____ Final D.T.W. (ft): _____ Time: _____ If NAPL Present: D.T.P.: _____ D.T.W.: _____ Thickness: _____ Time: _____	Project No.: <u>AES 050204</u> Date: _____ Arrival Time: _____ Air Temp: _____ T.O.C. Elev. (ft): _____ Total Well Depth (ft): _____ <i>(taken at initial gauging of all wells)</i> <i>(taken prior to purging well)</i> <i>(taken after sample collection)</i>
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Water Quality Parameters - Recorded During Well Purging

Time	Temp (deg C)	Conductivity (µS) (mS)	DO (mg/L)	pH	ORP (mV)	PURGED VOLUME (see reverse for calc.)	Notes/Observations

Analytical Parameters (include analysis method and number and type of sample containers)
 Full VOCs, GRO, DRO, MRO per EPA Methods 8260/8015 (6-40 mL Vials; 5 w/ HCl preserve and 1 w/ no preserve)
 Cations, RCRA8 per EPA Methods 6010/7470 or 7471, and Hardness (1-500 mL plastic w/ HNO3 preserve)
 Anions per EPA Method 300.0, TDS, and Specific Conductance (1-500 mL plastic w/ no preserve)

Disposal of Purged Water: _____
Collected Samples Stored on Ice in Cooler: _____
Chain of Custody Record Complete: _____
Analytical Laboratory: Hall Environmental Analysis Laboratory, Albuquerque, NM
Equipment Used During Sampling: Keck Water Level or Keck Interface Level, YSI Water Quality Meter
and New Disposable Bailer

Notes/Comments:

revised: 08/10/09

Chain-of-Custody Record

Turn-Around Time:

Client: Amigos Environmental Services, LLC

Mailing Address: 404 E. Comanche Farmington NM 87401

Phone #: 505-574-2281

email or Fax#: 505-324-2022

QA/QC Package: Standard Level 4 (Full Validation)

Accreditation: NELAP Other

EDD (Type)

Standard Rush

Project Name: The Frway Recovery

Project #: 810

Project Manager: Ross Kenner

Sampler: Mike Beaupreant

Office: Yes No

Sample Temperature: HEAL No

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No
8-19-08	1158	Aguecos	TW#1	(1) 500 mL	HNO3	
	1231		TW#2	(1) 500 mL	HCl	
	1302		TW#3	(5) 40 mL		
	1333		TW#4	(1) 40 mL		
	1452		TW#5			
	1530		TW#6			
	1550		TW#7			
8-30-09	0924		TW#8			
	0954		TW#9			
	1025		TW#10			
	1105		TW#11			
	1139		TW#12			

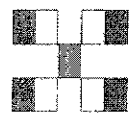
Date: 8-30-09 Time: 1530 Relinquished by: [Signature]

Date: 9/20/09 Time: 1630 Relinquished by: [Signature]

Received by: [Signature] Date: 9/20/09 Time: 1530

Received by: [Signature] Date: 9/20/09 Time: 1530

Remarks	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO3, NO2, PO4, SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	6010 Cations	specific conductance	hardness (CaCO3)	TDS	Air Bubbles (Y or N)
Amions/cations: calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate, nitrate. * #/capacity of containers is identical for ea. sample.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Duct Paint to Analyze	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

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

Chain-of-Custody Record

Client: Williams Environmental Services, LLC

Mailing Address: 224 E. Comanche

Phone # 505-564-2281

email or fax# 505-324-2022

QA/QC Package: Level 4 (Full Validation)

Accreditation: NELAP Other _____

Standard: _____

Project Manager: Ross Kenner

Sampler: Mike Beaulant

On Ice: Yes No

Sample Temperature: _____

Turn-Around Time: _____

Standard Rush

Project Name: Highway Refinery

Project #: 810

Project Manager: _____

Sampler: Mike Beaulant

On Ice: Yes No

Sample Temperature: _____

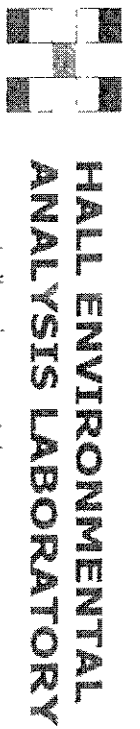
Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No.
8-30-09	1331	H2O	TW-15	(1) 500 mL	HNO3	
	1401		TW-16	(5) 40 mL	HCl	

BTEX + MTBE + TMB's (8021)	
BTEX + MTBE + TPH (Gas only)	
TPH Method 8015B (Gas/Diesel)	
TPH (Method 418.1)	
EDB (Method 504.1)	
8310 (PNA or PAH)	
RCRA 8 Metals	
Anions (F, Cl, NO3, NO2, PO4, SO4)	
8081 Pesticides / 8082 PCB's	
8260B (VOA)	
8270 (Semi-VOA)	
6010 Cations	
Specific Conductance	
Hardness (CaCO3)	
TDS	
Air Bubbles (Y or N)	

Date	Time	Relinquished by:	Received by:	Date	Time
8/30/09	1530	<u>[Signature]</u>	<u>Michelle Wallace</u>	8/30/09	1530
8/30/09	1630	<u>Adelma Victoria</u>			

Remarks: Anions (alkalis, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate) *4/capacity of containers to identify for each sample Direct from the bottles

This service is not a warranty of this possibility. Any sub-contraction data is to be clearly notated on the analytical report.



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

Analysis Request

Chain-of-Custody Record

Turn-Around Time:
 ✓ Standard Rush

Client: Almas Environmental

Project Name: Waterway Recovery

Project #: 810

Mailing Address: 624 E. Comanche

Project Manager: Boss Kenneth

Phone #: 505 524 2281

QA/QC Package: Level 4 (Full Validation)

Accreditation: NELAP Other

email or Fax#:

Sampler: Mace Respartans

Accreditation: Standard

On Job: Yes No

Requisitioned by: Almas Water

Received by: Almas Water

Date: 8/24/09 Time: 1530

Date: 8-21-09 Time: 1051 Matrix: H2O Sample Request ID: TW-17

Container Type and #: (A) 500 mL Preservative Type: HD03 HEAL No.:

Date: 8-21-09 Time: 1058 Matrix: H2O Sample Request ID: TW-18

Container Type and #: (B) 40 mL Preservative Type: HCl

Date: 8-21-09 Time: 1157 Matrix: H2O Sample Request ID: TW-23

Container Type and #: (D) 40 mL Preservative Type: HCl

Date: 8-21-09 Time: 1319 Matrix: H2O Sample Request ID: TW-30

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1401 Matrix: H2O Sample Request ID: TW-31

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-37

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-39

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-41

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-42

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-43

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-44

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

Date: 8-24-09 Time: 1453 Matrix: H2O Sample Request ID: TW-35

Container Type and #: H2O Preservative Type: HCl

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

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Amions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	6610 Cations	Specific conductance	Hardness (CaCO ₃)	TDS	Air Bubbles (Y or N)
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Remarks:
 Anions/cations: calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate
 * #/capacity of containers is identical for each sample.
 Duct built to protect

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

Chain-of-Custody Record

Client: Thomas Environmental

Mailing Address: 624 E Loma Linda

Phone # 505 564 2281

email or Fax#: 505 324 2022

QA/QC Package: Standard Level 4 (Full Validation)

Other EDD (Type) _____

Turn-Around Time:

Standard: Rush

Project Name: Waterway Recovery

Project #: 810

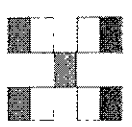
Project Manager: Ross Kenner

Sampler: Mike Reppert
 On Ice: Yes No
 Sample Temperature: _____

Container Type and #	Preservative Type	HEAL No.
(1) 500mL	HNO3	
(5) 40mL	HCl	
(1) 40mL	--	

Date	Time	Matrix	Sample Request ID
8-24-09	1409	H2O	TM-54
			Imp Blank

Date	Time	Relinquished by:	Received by:	Date	Time
8-24-09	1530	<u>[Signature]</u>	<u>[Signature]</u>	8/24/09	1530
8/24/09	1635	<u>Abraham Nottin</u>	<u>[Signature]</u>		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE Albuquerque, NM 87109

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

Analysis Request

Analysis Request	Remarks:
BTEX + MTBE + TMB's (8021)	
BTEX + MTBE + TPH (Gas only)	
<input checked="" type="checkbox"/> TPH Method 8015B (Gas/Diesel)	
TPH (Method 418.1)	
EDB (Method 504.1)	
8310 (PNA or PAH)	
<input checked="" type="checkbox"/> RCRA 8 Metals	
<input checked="" type="checkbox"/> Anions (F, Cl, NO ₂ , NO ₃ , PO ₄ , SO ₄)	
8081 Pesticides / 8082 PCB's	
<input checked="" type="checkbox"/> 8263B (VOA)	
8270 (Semi-VOA)	
<input checked="" type="checkbox"/> 60.0 Cations	
<input checked="" type="checkbox"/> specific conductance	
<input checked="" type="checkbox"/> hardness (CaCl ₂)	
<input checked="" type="checkbox"/> TDS	
Air Bubbles (Y or N)	

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

Remarks: Anions/cations: calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate
 Direct BML to Biotech

COVER LETTER

Tuesday, September 22, 2009

Ross Kennemer
Animas Environmental Services
624 East Comanche
Farmington, NM 87401

TEL: (505) 486-1776

FAX (505) 324-2022

RE: Thriftway Refinery

Order No.: 0908356

Dear Ross Kennemer:


Hall Environmental Analysis Laboratory, Inc. received 14 sample(s) on 8/21/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

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

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

Sincerely,


For Andy Freeman, Laboratory Manager

NM Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW #1
Lab Order:	0908356	Collection Date:	8/19/2009 11:58:00 AM
Project:	Thriftway Refinery	Date Received:	8/21/2009
Lab ID:	0908356-01	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 5:51:58 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 5:51:58 AM
Surr: DNOP	116	58-140		%REC	1	8/26/2009 5:51:58 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/27/2009 4:48:48 PM
Surr: BFB	81.4	55.2-107		%REC	1	8/27/2009 4:48:48 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.82	0.10		mg/L	1	8/25/2009 2:14:02 AM
Chloride	18	0.10		mg/L	1	8/25/2009 2:14:02 AM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/25/2009 2:14:02 AM
Bromide	0.12	0.10		mg/L	1	8/25/2009 2:14:02 AM
Nitrogen, Nitrate (As N)	3.4	0.10		mg/L	1	8/25/2009 2:14:02 AM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/25/2009 2:14:02 AM
Sulfate	1700	50		mg/L	100	8/25/2009 2:31:27 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 4:53:55 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 4:58:06 PM
Barium	0.036	0.010		mg/L	1	8/27/2009 4:58:06 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 4:58:06 PM
Calcium	500	5.0		mg/L	10	8/27/2009 5:02:26 PM
Chromium	0.010	0.0060		mg/L	1	8/27/2009 4:58:06 PM
Lead	0.018	0.0050		mg/L	1	8/27/2009 4:58:06 PM
Magnesium	37	1.0		mg/L	1	8/26/2009 8:38:52 PM
Potassium	2.8	1.0		mg/L	1	8/26/2009 8:38:52 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 4:58:06 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 4:58:06 PM
Sodium	300	5.0		mg/L	10	8/27/2009 5:02:26 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Toluene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Ethylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-01

Client Sample ID: TW #1
Collection Date: 8/19/2009 11:58:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Naphthalene	ND	2.0		µg/L	1	8/25/2009 10:06:35 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 10:06:35 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 10:06:35 PM
Acetone	ND	10		µg/L	1	8/25/2009 10:06:35 PM
Bromobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Bromoform	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Bromomethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
2-Butanone	ND	10		µg/L	1	8/25/2009 10:06:35 PM
Carbon disulfide	ND	10		µg/L	1	8/25/2009 10:06:35 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Chlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Chloroethane	ND	2.0		µg/L	1	8/25/2009 10:06:35 PM
Chloroform	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Chloromethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/25/2009 10:06:35 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Dibromomethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2009 10:06:35 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
2-Hexanone	ND	10		µg/L	1	8/25/2009 10:06:35 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2009 10:06:35 PM
Methylene Chloride	ND	3.0		µg/L	1	8/25/2009 10:06:35 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW #1
Lab Order:	0908356	Collection Date:	8/19/2009 11:58:00 AM
Project:	Thriftway Refinery	Date Received:	8/21/2009
Lab ID:	0908356-01	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Styrene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2009 10:06:35 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2009 10:06:35 PM
Vinyl chloride	ND	1.0		µg/L	1	8/25/2009 10:06:35 PM
Xylenes, Total	ND	1.5		µg/L	1	8/25/2009 10:06:35 PM
Surr: 1,2-Dichloroethane-d4	92.0	54.6-141		%REC	1	8/25/2009 10:06:35 PM
Surr: 4-Bromofluorobenzene	103	60.1-133		%REC	1	8/25/2009 10:06:35 PM
Surr: Dibromofluoromethane	96.1	78.5-130		%REC	1	8/25/2009 10:06:35 PM
Surr: Toluene-d8	106	79.5-126		%REC	1	8/25/2009 10:06:35 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	2900	0.010		µmhos/cm	1	8/25/2009 2:47:14 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2530	200		mg/L	1	8/24/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-02

Client Sample ID: TW #2
Collection Date: 8/19/2009 12:31:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 10:17:49 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 10:17:49 AM
Surr: DNOP	114	58-140		%REC	1	8/25/2009 10:17:49 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/27/2009 5:19:15 PM
Surr: BFB	84.3	55.2-107		%REC	1	8/27/2009 5:19:15 PM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.0	0.10		mg/L	1	8/22/2009 4:39:57 AM
Chloride	24	2.0		mg/L	20	8/22/2009 4:57:22 AM
Nitrogen, Nitrite (As N)	ND	0.10	H	mg/L	1	8/22/2009 4:39:57 AM
Bromide	0.27	0.10		mg/L	1	8/22/2009 4:39:57 AM
Nitrogen, Nitrate (As N)	ND	0.10	H	mg/L	1	8/22/2009 4:39:57 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/22/2009 4:39:57 AM
Sulfate	2600	50		mg/L	100	8/25/2009 3:06:16 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 4:55:39 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 5:05:55 PM
Barium	ND	0.020		mg/L	1	8/27/2009 5:05:55 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 5:05:55 PM
Calcium	470	10		mg/L	10	8/27/2009 5:29:50 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 5:05:55 PM
Lead	0.0053	0.0050		mg/L	1	8/27/2009 5:05:55 PM
Magnesium	46	1.0		mg/L	1	8/26/2009 8:43:08 PM
Potassium	3.7	1.0		mg/L	1	8/26/2009 8:43:08 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 5:05:55 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 5:05:55 PM
Sodium	660	10		mg/L	10	8/27/2009 5:29:50 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Toluene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Ethylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-02

Client Sample ID: TW #2
Collection Date: 8/19/2009 12:31:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Naphthalene	ND	2.0		µg/L	1	8/25/2009 10:35:26 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 10:35:26 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 10:35:26 PM
Acetone	ND	10		µg/L	1	8/25/2009 10:35:26 PM
Bromobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Bromoform	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Bromomethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
2-Butanone	ND	10		µg/L	1	8/25/2009 10:35:26 PM
Carbon disulfide	ND	10		µg/L	1	8/25/2009 10:35:26 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Chlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Chloroethane	ND	2.0		µg/L	1	8/25/2009 10:35:26 PM
Chloroform	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Chloromethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/25/2009 10:35:26 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Dibromomethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2009 10:35:26 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
2-Hexanone	ND	10		µg/L	1	8/25/2009 10:35:26 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2009 10:35:26 PM
Methylene Chloride	ND	3.0		µg/L	1	8/25/2009 10:35:26 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW #2
Lab Order: 0908356 **Collection Date:** 8/19/2009 12:31:00 PM
Project: Thriftway Refinery **Date Received:** 8/21/2009
Lab ID: 0908356-02 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Styrene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2009 10:35:26 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2009 10:35:26 PM
Vinyl chloride	ND	1.0		µg/L	1	8/25/2009 10:35:26 PM
Xylenes, Total	ND	1.5		µg/L	1	8/25/2009 10:35:26 PM
Surr: 1,2-Dichloroethane-d4	93.2	54.6-141		%REC	1	8/25/2009 10:35:26 PM
Surr: 4-Bromofluorobenzene	106	60.1-133		%REC	1	8/25/2009 10:35:26 PM
Surr: Dibromofluoromethane	96.3	78.5-130		%REC	1	8/25/2009 10:35:26 PM
Surr: Toluene-d8	104	79.5-126		%REC	1	8/25/2009 10:35:26 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4100	0.010		µmhos/cm	1	8/25/2009 2:49:13 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4020	20.0		mg/L	1	8/24/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW #3
Lab Order: 0908356 **Collection Date:** 8/19/2009 1:02:00 PM
Project: Thriftway Refinery **Date Received:** 8/21/2009
Lab ID: 0908356-03 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 10:53:20 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 10:53:20 AM
Surr: DNOP	106	58-140		%REC	1	8/25/2009 10:53:20 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/27/2009 5:49:45 PM
Surr: BFB	79.3	55.2-107		%REC	1	8/27/2009 5:49:45 PM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.80	0.10		mg/L	1	8/22/2009 5:14:47 AM
Chloride	26	2.0		mg/L	20	8/22/2009 5:32:11 AM
Nitrogen, Nitrite (As N)	ND	0.10	H	mg/L	1	8/22/2009 5:14:47 AM
Bromide	0.28	0.10		mg/L	1	8/22/2009 5:14:47 AM
Nitrogen, Nitrate (As N)	ND	0.10	H	mg/L	1	8/22/2009 5:14:47 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/22/2009 5:14:47 AM
Sulfate	2600	50		mg/L	100	8/25/2009 3:23:41 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 4:57:23 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 5:33:22 PM
Barium	ND	0.020		mg/L	1	8/27/2009 5:33:22 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 5:33:22 PM
Calcium	500	10		mg/L	10	8/27/2009 5:37:38 PM
Chromium	ND	0.0080		mg/L	1	8/27/2009 5:33:22 PM
Lead	0.0058	0.0050		mg/L	1	8/27/2009 5:33:22 PM
Magnesium	45	1.0		mg/L	1	8/26/2009 8:47:25 PM
Potassium	2.7	1.0		mg/L	1	8/26/2009 8:47:25 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 5:33:22 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 5:33:22 PM
Sodium	710	10		mg/L	10	8/27/2009 5:37:38 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Toluene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Ethylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-03

Client Sample ID: TW #3
Collection Date: 8/19/2009 1:02:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Naphthalene	ND	2.0		µg/L	1	8/25/2009 11:04:01 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 11:04:01 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 11:04:01 PM
Acetone	ND	10		µg/L	1	8/25/2009 11:04:01 PM
Bromobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Bromoform	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Bromomethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
2-Butanone	ND	10		µg/L	1	8/25/2009 11:04:01 PM
Carbon disulfide	ND	10		µg/L	1	8/25/2009 11:04:01 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Chlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Chloroethane	ND	2.0		µg/L	1	8/25/2009 11:04:01 PM
Chloroform	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Chloromethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/25/2009 11:04:01 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Dibromomethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2009 11:04:01 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
2-Hexanone	ND	10		µg/L	1	8/25/2009 11:04:01 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2009 11:04:01 PM
Methylene Chloride	ND	3.0		µg/L	1	8/25/2009 11:04:01 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-03

Client Sample ID: TW #3
Collection Date: 8/19/2009 1:02:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Styrene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2009 11:04:01 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2009 11:04:01 PM
Vinyl chloride	ND	1.0		µg/L	1	8/25/2009 11:04:01 PM
Xylenes, Total	ND	1.5		µg/L	1	8/25/2009 11:04:01 PM
Surr: 1,2-Dichloroethane-d4	93.2	54.6-141		%REC	1	8/25/2009 11:04:01 PM
Surr: 4-Bromofluorobenzene	98.2	60.1-133		%REC	1	8/25/2009 11:04:01 PM
Surr: Dibromofluoromethane	97.3	78.5-130		%REC	1	8/25/2009 11:04:01 PM
Surr: Toluene-d8	106	79.5-126		%REC	1	8/25/2009 11:04:01 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4200	0.010		µmhos/cm	1	8/25/2009 2:51:13 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4170	20.0		mg/L	1	8/24/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-04

Client Sample ID: TW #4
Collection Date: 8/19/2009 1:33:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 11:28:46 AM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 11:28:46 AM
Surr: DNOP	111	58-140		%REC	1	8/25/2009 11:28:46 AM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 12:56:18 AM
Surr: BFB	85.4	55.2-107		%REC	1	8/28/2009 12:56:18 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.78	0.10		mg/L	1	8/22/2009 5:49:35 AM
Chloride	120	2.0		mg/L	20	8/22/2009 6:07:00 AM
Nitrogen, Nitrite (As N)	ND	2.0	H	mg/L	20	8/22/2009 6:07:00 AM
Bromide	0.79	0.10		mg/L	1	8/22/2009 5:49:35 AM
Nitrogen, Nitrate (As N)	0.76	0.10	H	mg/L	1	8/22/2009 5:49:35 AM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/22/2009 5:49:35 AM
Sulfate	4100	100		mg/L	200	8/25/2009 3:41:05 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 4:59:08 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 5:40:56 PM
Barium	ND	0.020		mg/L	1	8/27/2009 5:40:56 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 5:40:56 PM
Calcium	470	10		mg/L	10	8/27/2009 5:45:01 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 5:40:56 PM
Lead	0.0053	0.0050		mg/L	1	8/27/2009 5:40:56 PM
Magnesium	54	1.0		mg/L	1	8/26/2009 8:51:41 PM
Potassium	4.2	1.0		mg/L	1	8/26/2009 8:51:41 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 5:40:56 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 5:40:56 PM
Sodium	1600	50		mg/L	50	8/27/2009 5:48:18 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Toluene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Ethylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW #4
Lab Order: 0908356 **Collection Date:** 8/19/2009 1:33:00 PM
Project: Thriftway Refinery **Date Received:** 8/21/2009
Lab ID: 0908356-04 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Naphthalene	ND	2.0		µg/L	1	8/25/2009 11:32:32 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 11:32:32 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/25/2009 11:32:32 PM
Acetone	ND	10		µg/L	1	8/25/2009 11:32:32 PM
Bromobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Bromoform	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Bromomethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
2-Butanone	ND	10		µg/L	1	8/25/2009 11:32:32 PM
Carbon disulfide	ND	10		µg/L	1	8/25/2009 11:32:32 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Chlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Chloroethane	ND	2.0		µg/L	1	8/25/2009 11:32:32 PM
Chloroform	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Chloromethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/25/2009 11:32:32 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Dibromomethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/25/2009 11:32:32 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
2-Hexanone	ND	10		µg/L	1	8/25/2009 11:32:32 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/25/2009 11:32:32 PM
Methylene Chloride	ND	3.0		µg/L	1	8/25/2009 11:32:32 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW #4
Lab Order:	0908356	Collection Date:	8/19/2009 1:33:00 PM
Project:	Thriftway Refinery	Date Received:	8/21/2009
Lab ID:	0908356-04	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Styrene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/25/2009 11:32:32 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/25/2009 11:32:32 PM
Vinyl chloride	ND	1.0		µg/L	1	8/25/2009 11:32:32 PM
Xylenes, Total	ND	1.5		µg/L	1	8/25/2009 11:32:32 PM
Surr: 1,2-Dichloroethane-d4	97.1	54.6-141		%REC	1	8/25/2009 11:32:32 PM
Surr: 4-Bromofluorobenzene	97.5	60.1-133		%REC	1	8/25/2009 11:32:32 PM
Surr: Dibromofluoromethane	96.2	78.5-130		%REC	1	8/25/2009 11:32:32 PM
Surr: Toluene-d8	103	79.5-126		%REC	1	8/25/2009 11:32:32 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	6500	0.010		µmhos/cm	1	8/25/2009 2:53:12 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	6530	100		mg/L	1	8/24/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-05

Client Sample ID: TW #5
Collection Date: 8/19/2009 2:52:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 12:04:11 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 12:04:11 PM
Surr: DNOP	116	58-140		%REC	1	8/25/2009 12:04:11 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 1:26:47 AM
Surr: BFB	84.7	55.2-107		%REC	1	8/28/2009 1:26:47 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.86	0.10		mg/L	1	8/21/2009 2:09:28 PM
Chloride	20	0.10		mg/L	1	8/21/2009 2:09:28 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/21/2009 2:09:28 PM
Bromide	0.23	0.10		mg/L	1	8/21/2009 2:09:28 PM
Nitrogen, Nitrate (As N)	3.2	0.10		mg/L	1	8/21/2009 2:09:28 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 2:09:28 PM
Sulfate	2000	50		mg/L	100	8/24/2009 11:19:56 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:00:54 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 5:51:39 PM
Barium	ND	0.020		mg/L	1	8/27/2009 5:51:39 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 5:51:39 PM
Calcium	510	10		mg/L	10	8/27/2009 5:55:56 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 5:51:39 PM
Lead	0.0050	0.0050		mg/L	1	8/27/2009 5:51:39 PM
Magnesium	36	1.0		mg/L	1	8/26/2009 8:55:53 PM
Potassium	3.1	1.0		mg/L	1	8/26/2009 8:55:53 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 5:51:39 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 5:51:39 PM
Sodium	400	10		mg/L	10	8/27/2009 5:55:56 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW #5
Lab Order:	0908356	Collection Date:	8/19/2009 2:52:00 PM
Project:	Thriftway Refinery	Date Received:	8/21/2009
Lab ID:	0908356-05	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 12:01:18 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 12:01:18 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 12:01:18 AM
Acetone	ND	10		µg/L	1	8/26/2009 12:01:18 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 12:01:18 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 12:01:18 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 12:01:18 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 12:01:18 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 12:01:18 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 12:01:18 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 12:01:18 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 12:01:18 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-05

Client Sample ID: TW #5
Collection Date: 8/19/2009 2:52:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 12:01:18 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 12:01:18 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 12:01:18 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 12:01:18 AM
Surr: 1,2-Dichloroethane-d4	91.5	54.6-141		%REC	1	8/26/2009 12:01:18 AM
Surr: 4-Bromofluorobenzene	100	60.1-133		%REC	1	8/26/2009 12:01:18 AM
Surr: Dibromofluoromethane	93.1	78.5-130		%REC	1	8/26/2009 12:01:18 AM
Surr: Toluene-d8	106	79.5-126		%REC	1	8/26/2009 12:01:18 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	3300	0.010		µmhos/cm	1	8/25/2009 2:55:09 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3180	100		mg/L	1	8/24/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services	Client Sample ID: TW #6
Lab Order: 0908356	Collection Date: 8/19/2009 3:20:00 PM
Project: Thriftway Refinery	Date Received: 8/21/2009
Lab ID: 0908356-06	Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 1:15:04 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 1:15:04 PM
Surr: DNOP	109	58-140		%REC	1	8/25/2009 1:15:04 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 1:57:11 AM
Surr: BFB	81.5	55.2-107		%REC	1	8/28/2009 1:57:11 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	1.1	0.10		mg/L	1	8/21/2009 2:44:17 PM
Chloride	28	2.0		mg/L	20	8/21/2009 3:01:41 PM
Nitrogen, Nitrite (As N)	ND	0.10	H	mg/L	1	8/21/2009 2:44:17 PM
Bromide	0.28	0.10		mg/L	1	8/21/2009 2:44:17 PM
Nitrogen, Nitrate (As N)	ND	0.10	H	mg/L	1	8/21/2009 2:44:17 PM
Phosphorus, Orthophosphate (As P)	ND	0.50	H	mg/L	1	8/21/2009 2:44:17 PM
Sulfate	2700	50		mg/L	100	8/24/2009 11:37:21 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:02:40 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 6:02:07 PM
Barium	ND	0.020		mg/L	1	8/27/2009 6:02:07 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 6:02:07 PM
Calcium	480	10		mg/L	10	8/27/2009 6:07:11 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 6:02:07 PM
Lead	0.011	0.0050		mg/L	1	8/27/2009 6:02:07 PM
Magnesium	47	1.0		mg/L	1	8/26/2009 9:00:01 PM
Potassium	3.4	1.0		mg/L	1	8/26/2009 9:00:01 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 6:02:07 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 6:02:07 PM
Sodium	720	10		mg/L	10	8/27/2009 6:07:11 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-06

Client Sample ID: TW #6
Collection Date: 8/19/2009 3:20:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 12:29:49 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 12:29:49 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 12:29:49 AM
Acetone	ND	10		µg/L	1	8/26/2009 12:29:49 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 12:29:49 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 12:29:49 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 12:29:49 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 12:29:49 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 12:29:49 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 12:29:49 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 12:29:49 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 12:29:49 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-06

Client Sample ID: TW #6
Collection Date: 8/19/2009 3:20:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 12:29:49 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 12:29:49 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 12:29:49 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 12:29:49 AM
Surr: 1,2-Dichloroethane-d4	94.7	54.6-141		%REC	1	8/26/2009 12:29:49 AM
Surr: 4-Bromofluorobenzene	102	60.1-133		%REC	1	8/26/2009 12:29:49 AM
Surr: Dibromofluoromethane	98.9	78.5-130		%REC	1	8/26/2009 12:29:49 AM
Surr: Toluene-d8	105	79.5-126		%REC	1	8/26/2009 12:29:49 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4200	0.010		µmhos/cm	1	8/25/2009 2:57:06 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4020	100		mg/L	1	8/24/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services	Client Sample ID: TW #7
Lab Order: 0908356	Collection Date: 8/19/2009 3:50:00 PM
Project: Thriftway Refinery	Date Received: 8/21/2009
Lab ID: 0908356-07	Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 1:50:30 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 1:50:30 PM
Surr: DNOP	116	58-140		%REC	1	8/25/2009 1:50:30 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.79	0.050		mg/L	1	8/28/2009 2:27:43 AM
Surr: BFB	96.7	55.2-107		%REC	1	8/28/2009 2:27:43 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.78	0.10		mg/L	1	8/21/2009 3:19:06 PM
Chloride	24	2.0		mg/L	20	8/21/2009 3:36:31 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/21/2009 3:19:06 PM
Bromide	0.28	0.10		mg/L	1	8/21/2009 3:19:06 PM
Nitrogen, Nitrate (As N)	0.34	0.10		mg/L	1	8/21/2009 3:19:06 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 3:19:06 PM
Sulfate	2700	50		mg/L	100	8/24/2009 11:54:46 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:04:26 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 6:22:33 PM
Barium	ND	0.020		mg/L	1	8/27/2009 6:22:33 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 6:22:33 PM
Calcium	480	10		mg/L	10	8/27/2009 6:26:49 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 6:22:33 PM
Lead	0.011	0.0050		mg/L	1	8/27/2009 6:22:33 PM
Magnesium	46	1.0		mg/L	1	8/26/2009 9:04:27 PM
Potassium	2.3	1.0		mg/L	1	8/26/2009 9:04:27 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 6:22:33 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 6:22:33 PM
Sodium	750	10		mg/L	10	8/27/2009 6:26:49 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	3.8	1.0		µg/L	1	8/26/2009 12:58:19 AM
Toluene	11	1.0		µg/L	1	8/26/2009 12:58:19 AM
Ethylbenzene	98	1.0		µg/L	1	8/26/2009 12:58:19 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2,4-Trimethylbenzene	59	1.0		µg/L	1	8/26/2009 12:58:19 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-07

Client Sample ID: TW #7
Collection Date: 8/19/2009 3:50:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	15	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Naphthalene	19	2.0		µg/L	1	8/26/2009 12:58:19 AM
1-Methylnaphthalene	4.5	4.0		µg/L	1	8/26/2009 12:58:19 AM
2-Methylnaphthalene	7.4	4.0		µg/L	1	8/26/2009 12:58:19 AM
Acetone	ND	10		µg/L	1	8/26/2009 12:58:19 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 12:58:19 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 12:58:19 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 12:58:19 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 12:58:19 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 12:58:19 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 12:58:19 AM
Isopropylbenzene	4.6	1.0		µg/L	1	8/26/2009 12:58:19 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 12:58:19 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 12:58:19 AM
n-Butylbenzene	3.0	1.0		µg/L	1	8/26/2009 12:58:19 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-07

Client Sample ID: TW #7
Collection Date: 8/19/2009 3:50:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	12	1.0		µg/L	1	8/26/2009 12:58:19 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 12:58:19 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 12:58:19 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 12:58:19 AM
Xylenes, Total	15	1.5		µg/L	1	8/26/2009 12:58:19 AM
Surr: 1,2-Dichloroethane-d4	103	54.6-141		%REC	1	8/26/2009 12:58:19 AM
Surr: 4-Bromofluorobenzene	102	60.1-133		%REC	1	8/26/2009 12:58:19 AM
Surr: Dibromofluoromethane	104	78.5-130		%REC	1	8/26/2009 12:58:19 AM
Surr: Toluene-d8	107	79.5-126		%REC	1	8/26/2009 12:58:19 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4200	0.010		µmhos/cm	1	8/25/2009 2:59:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3930	100		mg/L	1	8/24/2009

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services	Client Sample ID: TW #8
Lab Order: 0908356	Collection Date: 8/20/2009 9:24:00 AM
Project: Thriftway Refinery	Date Received: 8/21/2009
Lab ID: 0908356-08	Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 2:26:10 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 2:26:10 PM
Surr: DNOP	114	58-140		%REC	1	8/25/2009 2:26:10 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	1.7	0.050		mg/L	1	8/28/2009 2:58:19 AM
Surr: BFB	105	55.2-107		%REC	1	8/28/2009 2:58:19 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.67	0.10		mg/L	1	8/21/2009 3:53:56 PM
Chloride	190	2.0		mg/L	20	8/21/2009 4:11:20 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	8/21/2009 4:11:20 PM
Bromide	1.3	0.10		mg/L	1	8/21/2009 3:53:56 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	8/21/2009 3:53:56 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 3:53:56 PM
Sulfate	2600	50		mg/L	100	8/25/2009 3:58:30 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:09:56 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 6:30:09 PM
Barium	0.021	0.020		mg/L	1	8/27/2009 6:30:09 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 6:30:09 PM
Calcium	450	10		mg/L	10	8/27/2009 6:36:12 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 6:30:09 PM
Lead	ND	0.0050		mg/L	1	8/27/2009 6:30:09 PM
Magnesium	57	1.0		mg/L	1	8/26/2009 9:10:27 PM
Potassium	3.6	1.0		mg/L	1	8/26/2009 9:10:27 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 6:30:09 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 6:30:09 PM
Sodium	910	10		mg/L	10	8/27/2009 6:36:12 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	26	1.0		µg/L	1	8/26/2009 1:52:10 PM
Toluene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Ethylbenzene	82	1.0		µg/L	1	8/26/2009 1:52:10 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2,4-Trimethylbenzene	60	1.0		µg/L	1	8/26/2009 1:52:10 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-08

Client Sample ID: TW #8
Collection Date: 8/20/2009 9:24:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 1:52:10 PM
1-Methylnaphthalene	8.5	4.0		µg/L	1	8/26/2009 1:52:10 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 1:52:10 PM
Acetone	ND	10		µg/L	1	8/26/2009 1:52:10 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Bromoform	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
2-Butanone	ND	10		µg/L	1	8/26/2009 1:52:10 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 1:52:10 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 1:52:10 PM
Chloroform	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 1:52:10 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 1:52:10 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
2-Hexanone	ND	10		µg/L	1	8/26/2009 1:52:10 PM
Isopropylbenzene	12	1.0		µg/L	1	8/26/2009 1:52:10 PM
4-Isopropyltoluene	3.6	1.0		µg/L	1	8/26/2009 1:52:10 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 1:52:10 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 1:52:10 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW #8
Lab Order: 0908356 **Collection Date:** 8/20/2009 9:24:00 AM
Project: Thriftway Refinery **Date Received:** 8/21/2009
Lab ID: 0908356-08 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	14	1.0		µg/L	1	8/26/2009 1:52:10 PM
sec-Butylbenzene	3.7	1.0		µg/L	1	8/26/2009 1:52:10 PM
Styrene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 1:52:10 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 1:52:10 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 1:52:10 PM
Xylenes, Total	130	1.5		µg/L	1	8/26/2009 1:52:10 PM
Surr: 1,2-Dichloroethane-d4	92.9	54.6-141		%REC	1	8/26/2009 1:52:10 PM
Surr: 4-Bromofluorobenzene	95.9	60.1-133		%REC	1	8/26/2009 1:52:10 PM
Surr: Dibromofluoromethane	109	78.5-130		%REC	1	8/26/2009 1:52:10 PM
Surr: Toluene-d8	109	79.5-126		%REC	1	8/26/2009 1:52:10 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4700	0.010		µmhos/cm	1	8/25/2009 3:00:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4490	40.0		mg/L	1	8/26/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-09

Client Sample ID: TW #9
Collection Date: 8/20/2009 9:54:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 3:01:37 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 3:01:37 PM
Surr: DNOP	112	58-140		%REC	1	8/25/2009 3:01:37 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 3:28:45 AM
Surr: BFB	77.8	55.2-107		%REC	1	8/28/2009 3:28:45 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.87	0.10		mg/L	1	8/21/2009 4:28:45 PM
Chloride	170	2.0		mg/L	20	8/21/2009 4:46:10 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	8/21/2009 4:46:10 PM
Bromide	1.2	0.10		mg/L	1	8/21/2009 4:28:45 PM
Nitrogen, Nitrate (As N)	12	2.0		mg/L	20	8/21/2009 4:46:10 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 4:28:45 PM
Sulfate	530	25		mg/L	50	8/25/2009 4:15:54 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	710	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:11:44 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 6:39:43 PM
Barium	0.033	0.020		mg/L	1	8/27/2009 6:39:43 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 6:39:43 PM
Calcium	250	10		mg/L	10	8/27/2009 6:43:48 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 6:39:43 PM
Lead	0.0077	0.0050		mg/L	1	8/27/2009 6:39:43 PM
Magnesium	21	1.0		mg/L	1	8/26/2009 9:14:45 PM
Potassium	2.4	1.0		mg/L	1	8/26/2009 9:14:45 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 6:39:43 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 6:39:43 PM
Sodium	410	10		mg/L	10	8/27/2009 6:43:48 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-09

Client Sample ID: TW #9
Collection Date: 8/20/2009 9:54:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 1:55:18 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 1:55:18 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 1:55:18 AM
Acetone	ND	10		µg/L	1	8/26/2009 1:55:18 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 1:55:18 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 1:55:18 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 1:55:18 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 1:55:18 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 1:55:18 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 1:55:18 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 1:55:18 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 1:55:18 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-09

Client Sample ID: TW #9
Collection Date: 8/20/2009 9:54:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 1:55:18 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 1:55:18 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 1:55:18 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 1:55:18 AM
Surr: 1,2-Dichloroethane-d4	95.7	54.6-141		%REC	1	8/26/2009 1:55:18 AM
Surr: 4-Bromofluorobenzene	102	60.1-133		%REC	1	8/26/2009 1:55:18 AM
Surr: Dibromofluoromethane	98.3	78.5-130		%REC	1	8/26/2009 1:55:18 AM
Surr: Toluene-d8	105	79.5-126		%REC	1	8/26/2009 1:55:18 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	2600	0.010		µmhos/cm	1	8/25/2009 3:02:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	2070	100		mg/L	1	8/26/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services	Client Sample ID: TW #10
Lab Order: 0908356	Collection Date: 8/20/2009 10:25:00 AM
Project: Thriftway Refinery	Date Received: 8/21/2009
Lab ID: 0908356-10	Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 3:37:02 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 3:37:02 PM
Surr: DNOP	117	58-140		%REC	1	8/25/2009 3:37:02 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 3:59:15 AM
Surr: BFB	82.1	55.2-107		%REC	1	8/28/2009 3:59:15 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.72	0.10		mg/L	1	8/21/2009 5:38:24 PM
Chloride	160	2.0		mg/L	20	8/21/2009 5:55:49 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	8/21/2009 5:55:49 PM
Bromide	1.1	0.10		mg/L	1	8/21/2009 5:38:24 PM
Nitrogen, Nitrate (As N)	0.25	0.10		mg/L	1	8/21/2009 5:38:24 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 5:38:24 PM
Sulfate	940	25		mg/L	50	8/25/2009 4:33:19 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1200	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:13:31 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/27/2009 6:47:11 PM
Barium	0.038	0.020		mg/L	1	8/27/2009 6:47:11 PM
Cadmium	ND	0.0020		mg/L	1	8/27/2009 6:47:11 PM
Calcium	420	10		mg/L	10	8/27/2009 6:51:24 PM
Chromium	ND	0.0060		mg/L	1	8/27/2009 6:47:11 PM
Lead	0.021	0.0050		mg/L	1	8/27/2009 6:47:11 PM
Magnesium	36	1.0		mg/L	1	8/26/2009 9:18:55 PM
Potassium	3.6	1.0		mg/L	1	8/26/2009 9:18:55 PM
Selenium	ND	0.050		mg/L	1	8/27/2009 6:47:11 PM
Silver	ND	0.0050		mg/L	1	8/27/2009 6:47:11 PM
Sodium	640	10		mg/L	10	8/27/2009 6:51:24 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Ethylbenzene	1.1	1.0		µg/L	1	8/26/2009 2:23:47 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-10

Client Sample ID: TW #10
Collection Date: 8/20/2009 10:25:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 2:23:47 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:23:47 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:23:47 AM
Acetone	ND	10		µg/L	1	8/26/2009 2:23:47 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 2:23:47 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 2:23:47 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 2:23:47 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 2:23:47 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 2:23:47 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 2:23:47 AM
Isopropylbenzene	1.7	1.0		µg/L	1	8/26/2009 2:23:47 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 2:23:47 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 2:23:47 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-10

Client Sample ID: TW #10
Collection Date: 8/20/2009 10:25:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
sec-Butylbenzene	1.5	1.0		µg/L	1	8/26/2009 2:23:47 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 2:23:47 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 2:23:47 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 2:23:47 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 2:23:47 AM
Surr: 1,2-Dichloroethane-d4	95.9	54.6-141		%REC	1	8/26/2009 2:23:47 AM
Surr: 4-Bromofluorobenzene	103	60.1-133		%REC	1	8/26/2009 2:23:47 AM
Surr: Dibromofluoromethane	96.4	78.5-130		%REC	1	8/26/2009 2:23:47 AM
Surr: Toluene-d8	110	79.5-126		%REC	1	8/26/2009 2:23:47 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	3700	0.010		µmhos/cm	1	8/25/2009 3:04:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3250	200		mg/L	1	8/26/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services	Client Sample ID: TW #11
Lab Order: 0908356	Collection Date: 8/20/2009 11:05:00 AM
Project: Thriftway Refinery	Date Received: 8/21/2009
Lab ID: 0908356-11	Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 4:12:27 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 4:12:27 PM
Surr: DNOP	103	58-140		%REC	1	8/25/2009 4:12:27 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 4:29:55 AM
Surr: BFB	82.0	55.2-107		%REC	1	8/28/2009 4:29:55 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.85	0.10		mg/L	1	8/21/2009 6:13:13 PM
Chloride	70	2.0		mg/L	20	8/21/2009 6:30:38 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/21/2009 6:13:13 PM
Bromide	0.46	0.10		mg/L	1	8/21/2009 6:13:13 PM
Nitrogen, Nitrate (As N)	0.11	0.10		mg/L	1	8/21/2009 6:13:13 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 6:13:13 PM
Sulfate	4000	100		mg/L	200	8/25/2009 4:50:44 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:15:20 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.20		mg/L	10	8/27/2009 6:56:06 PM
Barium	ND	0.20		mg/L	10	8/27/2009 6:56:06 PM
Cadmium	ND	0.020		mg/L	10	8/27/2009 6:56:06 PM
Calcium	470	100		mg/L	100	8/27/2009 6:59:37 PM
Chromium	ND	0.060		mg/L	10	8/27/2009 6:56:06 PM
Lead	ND	0.050		mg/L	10	8/27/2009 6:56:06 PM
Magnesium	53	1.0		mg/L	1	8/26/2009 9:34:42 PM
Potassium	3.6	1.0		mg/L	1	8/26/2009 9:34:42 PM
Selenium	ND	0.50		mg/L	10	8/27/2009 6:56:06 PM
Silver	ND	0.050		mg/L	10	8/27/2009 6:56:06 PM
Sodium	1500	100		mg/L	100	8/27/2009 6:59:37 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-11

Client Sample ID: TW #11
Collection Date: 8/20/2009 11:05:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 2:52:30 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:52:30 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:52:30 AM
Acetone	ND	10		µg/L	1	8/26/2009 2:52:30 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 2:52:30 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 2:52:30 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 2:52:30 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 2:52:30 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 2:52:30 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 2:52:30 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 2:52:30 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 2:52:30 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-11

Client Sample ID: TW #11
Collection Date: 8/20/2009 11:05:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 2:52:30 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 2:52:30 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 2:52:30 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 2:52:30 AM
Surr: 1,2-Dichloroethane-d4	97.2	54.6-141		%REC	1	8/26/2009 2:52:30 AM
Surr: 4-Bromofluorobenzene	104	60.1-133		%REC	1	8/26/2009 2:52:30 AM
Surr: Dibromofluoromethane	98.7	78.5-130		%REC	1	8/26/2009 2:52:30 AM
Surr: Toluene-d8	101	79.5-126		%REC	1	8/26/2009 2:52:30 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	6100	0.010		µmhos/cm	1	8/25/2009 3:06:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	6290	200		mg/L	1	8/26/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-12

Client Sample ID: TW #12
Collection Date: 8/20/2009 11:39:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 4:47:56 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 4:47:56 PM
Surr: DNOP	128	58-140		%REC	1	8/25/2009 4:47:56 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.25	0.050		mg/L	1	8/28/2009 5:00:31 AM
Surr: BFB	85.1	55.2-107		%REC	1	8/28/2009 5:00:31 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.85	0.10		mg/L	1	8/21/2009 6:48:02 PM
Chloride	27	2.0		mg/L	20	8/21/2009 7:05:27 PM
Nitrogen, Nitrite (As N)	ND	0.10		mg/L	1	8/21/2009 6:48:02 PM
Bromide	0.28	0.10		mg/L	1	8/21/2009 6:48:02 PM
Nitrogen, Nitrate (As N)	1.3	0.10		mg/L	1	8/21/2009 6:48:02 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 6:48:02 PM
Sulfate	2100	50		mg/L	100	8/25/2009 5:42:57 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/2/2009 5:17:08 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/26/2009 9:38:58 PM
Barium	0.020	0.020		mg/L	1	8/26/2009 9:38:58 PM
Cadmium	ND	0.0020		mg/L	1	8/26/2009 9:38:58 PM
Calcium	470	10		mg/L	10	8/27/2009 7:16:37 PM
Chromium	ND	0.0060		mg/L	1	8/26/2009 9:38:58 PM
Lead	0.0072	0.0050		mg/L	1	8/26/2009 9:38:58 PM
Magnesium	56	1.0		mg/L	1	8/26/2009 9:38:58 PM
Potassium	2.5	1.0		mg/L	1	8/26/2009 9:38:58 PM
Selenium	ND	0.050		mg/L	1	8/26/2009 9:38:58 PM
Silver	ND	0.0050		mg/L	1	8/26/2009 9:38:58 PM
Sodium	500	10		mg/L	10	8/27/2009 7:16:37 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Toluene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Ethylbenzene	19	1.0		µg/L	1	8/26/2009 2:21:20 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2,4-Trimethylbenzene	29	1.0		µg/L	1	8/26/2009 2:21:20 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-12

Client Sample ID: TW #12
Collection Date: 8/20/2009 11:39:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 2:21:20 PM
1-Methylnaphthalene	6.4	4.0		µg/L	1	8/26/2009 2:21:20 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:21:20 PM
Acetone	ND	10		µg/L	1	8/26/2009 2:21:20 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Bromoform	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
2-Butanone	ND	10		µg/L	1	8/26/2009 2:21:20 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 2:21:20 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 2:21:20 PM
Chloroform	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 2:21:20 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 2:21:20 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
2-Hexanone	ND	10		µg/L	1	8/26/2009 2:21:20 PM
Isopropylbenzene	2.1	1.0		µg/L	1	8/26/2009 2:21:20 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 2:21:20 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 2:21:20 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-12

Client Sample ID: TW #12
Collection Date: 8/20/2009 11:39:00 AM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	5.2	1.0		µg/L	1	8/26/2009 2:21:20 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Styrene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 2:21:20 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 2:21:20 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 2:21:20 PM
Xylenes, Total	25	1.5		µg/L	1	8/26/2009 2:21:20 PM
Surr: 1,2-Dichloroethane-d4	91.3	54.6-141		%REC	1	8/26/2009 2:21:20 PM
Surr: 4-Bromofluorobenzene	95.4	60.1-133		%REC	1	8/26/2009 2:21:20 PM
Surr: Dibromofluoromethane	103	78.5-130		%REC	1	8/26/2009 2:21:20 PM
Surr: Toluene-d8	98.7	79.5-126		%REC	1	8/26/2009 2:21:20 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	3500	0.010		µmhos/cm	1	8/25/2009 3:08:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3490	40.0		mg/L	1	8/26/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-13

Client Sample ID: TW #15
Collection Date: 8/20/2009 1:21:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 5:23:22 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 5:23:22 PM
Surr: DNOP	104	58-140		%REC	1	8/25/2009 5:23:22 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.69	0.050		mg/L	1	8/28/2009 5:30:55 AM
Surr: BFB	101	55.2-107		%REC	1	8/28/2009 5:30:55 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.74	0.10		mg/L	1	8/21/2009 7:22:51 PM
Chloride	140	2.0		mg/L	20	8/21/2009 7:40:16 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	8/21/2009 7:40:16 PM
Bromide	0.99	0.10		mg/L	1	8/21/2009 7:22:51 PM
Nitrogen, Nitrate (As N)	ND	0.10		mg/L	1	8/21/2009 7:22:51 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 7:22:51 PM
Sulfate	3100	50		mg/L	100	8/25/2009 6:00:21 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1300	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 3:58:17 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/26/2009 9:44:46 PM
Barium	ND	0.020		mg/L	1	8/26/2009 9:44:46 PM
Cadmium	ND	0.0020		mg/L	1	8/26/2009 9:44:46 PM
Calcium	460	50		mg/L	50	8/27/2009 7:19:52 PM
Chromium	ND	0.0060		mg/L	1	8/26/2009 9:44:46 PM
Lead	0.0092	0.0050		mg/L	1	8/26/2009 9:44:46 PM
Magnesium	47	1.0		mg/L	1	8/26/2009 9:44:46 PM
Potassium	2.6	1.0		mg/L	1	8/26/2009 9:44:46 PM
Selenium	ND	0.050		mg/L	1	8/26/2009 9:44:46 PM
Silver	ND	0.0050		mg/L	1	8/26/2009 9:44:46 PM
Sodium	1200	50		mg/L	50	8/27/2009 7:19:52 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	6.2	1.0		µg/L	1	8/26/2009 3:49:28 AM
Toluene	1.7	1.0		µg/L	1	8/26/2009 3:49:28 AM
Ethylbenzene	94	1.0		µg/L	1	8/26/2009 3:49:28 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2,4-Trimethylbenzene	7.4	1.0		µg/L	1	8/26/2009 3:49:28 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-13

Client Sample ID: TW #15
Collection Date: 8/20/2009 1:21:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 3:49:28 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 3:49:28 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 3:49:28 AM
Acetone	ND	10		µg/L	1	8/26/2009 3:49:28 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 3:49:28 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 3:49:28 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 3:49:28 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 3:49:28 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 3:49:28 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 3:49:28 AM
Isopropylbenzene	4.1	1.0		µg/L	1	8/26/2009 3:49:28 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 3:49:28 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 3:49:28 AM
n-Butylbenzene	1.6	1.0		µg/L	1	8/26/2009 3:49:28 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-13

Client Sample ID: TW #15
Collection Date: 8/20/2009 1:21:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	15	1.0		µg/L	1	8/26/2009 3:49:28 AM
sec-Butylbenzene	1.4	1.0		µg/L	1	8/26/2009 3:49:28 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 3:49:28 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 3:49:28 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 3:49:28 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 3:49:28 AM
Surr: 1,2-Dichloroethane-d4	103	54.6-141		%REC	1	8/26/2009 3:49:28 AM
Surr: 4-Bromofluorobenzene	102	60.1-133		%REC	1	8/26/2009 3:49:28 AM
Surr: Dibromofluoromethane	105	78.5-130		%REC	1	8/26/2009 3:49:28 AM
Surr: Toluene-d8	107	79.5-126		%REC	1	8/26/2009 3:49:28 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5300	0.010		µmhos/cm	1	8/25/2009 3:10:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	5240	200		mg/L	1	8/26/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW #16
Lab Order: 0908356 **Collection Date:** 8/20/2009 2:01:00 PM
Project: Thriftway Refinery **Date Received:** 8/21/2009
Lab ID: 0908356-14 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/25/2009 5:58:49 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/25/2009 5:58:49 PM
Surr: DNOP	116	58-140		%REC	1	8/25/2009 5:58:49 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/28/2009 6:01:23 AM
Surr: BFB	78.1	55.2-107		%REC	1	8/28/2009 6:01:23 AM
EPA METHOD 300.0: ANIONS						Analyst: LJB
Fluoride	0.75	0.10		mg/L	1	8/21/2009 7:57:41 PM
Chloride	150	2.0		mg/L	20	8/21/2009 8:15:06 PM
Nitrogen, Nitrite (As N)	ND	2.0		mg/L	20	8/21/2009 8:15:06 PM
Bromide	1.1	0.10		mg/L	1	8/21/2009 7:57:41 PM
Nitrogen, Nitrate (As N)	2.6	0.10		mg/L	1	8/21/2009 7:57:41 PM
Phosphorus, Orthophosphate (As P)	ND	0.50		mg/L	1	8/21/2009 7:57:41 PM
Sulfate	2600	50		mg/L	100	8/25/2009 6:17:46 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1000	1.0		mg/L	1	8/27/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:00:03 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/26/2009 9:49:10 PM
Barium	0.047	0.020		mg/L	1	8/26/2009 9:49:10 PM
Cadmium	ND	0.0020		mg/L	1	8/26/2009 9:49:10 PM
Calcium	360	50		mg/L	50	8/27/2009 7:23:13 PM
Chromium	ND	0.0060		mg/L	1	8/26/2009 9:49:10 PM
Lead	0.0095	0.0050		mg/L	1	8/26/2009 9:49:10 PM
Magnesium	32	1.0		mg/L	1	8/26/2009 9:49:10 PM
Potassium	8.5	1.0		mg/L	1	8/26/2009 9:49:10 PM
Selenium	ND	0.050		mg/L	1	8/26/2009 9:49:10 PM
Silver	ND	0.0050		mg/L	1	8/26/2009 9:49:10 PM
Sodium	1100	50		mg/L	50	8/27/2009 7:23:13 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
 Lab Order: 0908356
 Project: Thriftway Refinery
 Lab ID: 0908356-14

Client Sample ID: TW #16
 Collection Date: 8/20/2009 2:01:00 PM
 Date Received: 8/21/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Naphthalene	ND	2.0		µg/L	1	8/26/2009 6:12:11 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 6:12:11 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 6:12:11 AM
Acetone	ND	10		µg/L	1	8/26/2009 6:12:11 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 6:12:11 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 6:12:11 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 6:12:11 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 6:12:11 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 6:12:11 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 6:12:11 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 6:12:11 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 6:12:11 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 22-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908356
Project: Thriftway Refinery
Lab ID: 0908356-14

Client Sample ID: TW #16
Collection Date: 8/20/2009 2:01:00 PM
Date Received: 8/21/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 6:12:11 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 6:12:11 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 6:12:11 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 6:12:11 AM
Surr: 1,2-Dichloroethane-d4	96.3	54.6-141		%REC	1	8/26/2009 6:12:11 AM
Surr: 4-Bromofluorobenzene	102	60.1-133		%REC	1	8/26/2009 6:12:11 AM
Surr: Dibromofluoromethane	104	78.5-130		%REC	1	8/26/2009 6:12:11 AM
Surr: Toluene-d8	106	79.5-126		%REC	1	8/26/2009 6:12:11 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4800	0.010		µmhos/cm	1	8/25/2009 3:11:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4240	400		mg/L	1	8/26/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 300.0: Anions

Sample ID: MB **Batch ID:** R35004 **Analysis Date:** 8/21/2009 10:05:47 AM

Fluoride	ND	mg/L	0.10
Chloride	ND	mg/L	0.10
Nitrogen, Nitrite (As N)	ND	mg/L	0.10
Bromide	ND	mg/L	0.10
Nitrogen, Nitrate (As N)	ND	mg/L	0.10
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50
Sulfate	ND	mg/L	0.50

Sample ID: MB **Batch ID:** R35014 **Analysis Date:** 8/24/2009 12:18:23 PM

Fluoride	ND	mg/L	0.10
Chloride	ND	mg/L	0.10
Nitrogen, Nitrite (As N)	ND	mg/L	0.10
Bromide	ND	mg/L	0.10
Nitrogen, Nitrate (As N)	ND	mg/L	0.10
Phosphorus, Orthophosphate (As P)	ND	mg/L	0.50
Sulfate	ND	mg/L	0.50

Sample ID: LCS **Batch ID:** R35004 **Analysis Date:** 8/21/2009 10:23:12 AM

Fluoride	0.4907	mg/L	0.10	0.5	0	98.1	90	110
Chloride	5.041	mg/L	0.10	5	0	101	90	110
Nitrogen, Nitrite (As N)	1.016	mg/L	0.10	1	0	102	90	110
Bromide	2.576	mg/L	0.10	2.5	0	103	90	110
Nitrogen, Nitrate (As N)	2.440	mg/L	0.10	2.5	0	97.6	90	110
Phosphorus, Orthophosphate (As P)	4.794	mg/L	0.50	5	0	95.9	90	110
Sulfate	9.807	mg/L	0.50	10	0	98.1	90	110

Sample ID: LCS **Batch ID:** R35014 **Analysis Date:** 8/24/2009 12:35:48 PM

Fluoride	0.5071	mg/L	0.10	0.5	0	101	90	110
Chloride	4.889	mg/L	0.10	5	0	97.8	90	110
Nitrogen, Nitrite (As N)	1.010	mg/L	0.10	1	0	101	90	110
Bromide	2.517	mg/L	0.10	2.5	0	101	90	110
Nitrogen, Nitrate (As N)	2.481	mg/L	0.10	2.5	0	99.2	90	110
Phosphorus, Orthophosphate (As P)	4.785	mg/L	0.50	5	0	95.7	90	110
Sulfate	9.920	mg/L	0.50	10	0	99.2	90	110

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 8015B: Diesel Range											
Sample ID: MB-19941		<i>MBLK</i>									
Diesel Range Organics (DRO)	ND	mg/L	1.0								
Motor Oil Range Organics (MRO)	ND	mg/L	5.0								
Sample ID: MB-19942		<i>MBLK</i>									
Diesel Range Organics (DRO)	ND	mg/L	1.0								
Motor Oil Range Organics (MRO)	ND	mg/L	5.0								
Sample ID: LCS-19941		<i>LCS</i>									
Diesel Range Organics (DRO)	5.108	mg/L	1.0	5	0	102	74	157			
Sample ID: LCS-19942		<i>LCS</i>									
Diesel Range Organics (DRO)	4.576	mg/L	1.0	5	0	91.5	74	157			
Sample ID: LCSD-19941		<i>LCSD</i>									
Diesel Range Organics (DRO)	4.923	mg/L	1.0	5	0	98.5	74	157	3.68	23	
Sample ID: LCSD-19942		<i>LCSD</i>									
Diesel Range Organics (DRO)	3.993	mg/L	1.0	5	0	79.9	74	157	13.6	23	

Method: EPA Method 8015B: Gasoline Range											
Sample ID: 0908356-02A MSD		<i>MSD</i>									
Gasoline Range Organics (GRO)	0.4408	mg/L	0.050	0.5	0	88.2	80	115	1.08	8.39	
Sample ID: 5ML RB		<i>MBLK</i>									
Gasoline Range Organics (GRO)	ND	mg/L	0.050								
Sample ID: 2.5UG GRO LCS		<i>LCS</i>									
Gasoline Range Organics (GRO)	0.4316	mg/L	0.050	0.5	0	86.3	80	115			
Sample ID: 0908356-02A MS		<i>MS</i>									
Gasoline Range Organics (GRO)	0.4456	mg/L	0.050	0.5	0	89.1	80	115			

Method: EPA Method 7470: Mercury											
Sample ID: MBLK-20019		<i>MBLK</i>									
Mercury	ND	mg/L	0.00020								
Sample ID: MB-20033		<i>MBLK</i>									
Mercury	ND	mg/L	0.00020								
Sample ID: LCS1-20019		<i>LCS</i>									
Mercury	0.005345	mg/L	0.00020	0.005	3E-05	106	80	120			
Sample ID: LCS-20033		<i>LCS</i>									
Mercury	0.005242	mg/L	0.00020	0.005	5E-05	104	80	120			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals											
Sample ID: MB-19944		MBLK									
Calcium	ND	mg/L	0.50								
Magnesium	ND	mg/L	0.50								
Potassium	ND	mg/L	1.0								
Sodium	ND	mg/L	0.50								
Sample ID: MB-19944		MBLK									
Arsenic	ND	mg/L	0.020								
Barium	ND	mg/L	0.010								
Cadmium	ND	mg/L	0.0020								
Chromium	ND	mg/L	0.0060								
Lead	ND	mg/L	0.0050								
Selenium	ND	mg/L	0.050								
Silver	ND	mg/L	0.0050								
Sample ID: LCS-19944		LCS									
Calcium	51.06	mg/L	0.50	50	0	102	80	120			
Magnesium	51.57	mg/L	0.50	50	0	103	80	120			
Potassium	53.21	mg/L	1.0	50	0	106	80	120			
Sodium	55.05	mg/L	0.50	50	0	110	80	120			
Sample ID: LCS-19944		LCS									
Arsenic	0.4856	mg/L	0.020	0.5	0	97.1	80	120			
Barium	0.4931	mg/L	0.010	0.5	0	98.6	80	120			
Cadmium	0.5015	mg/L	0.0020	0.5	0.0004	100	80	120			
Chromium	0.4988	mg/L	0.0060	0.5	0	99.8	80	120			
Lead	0.4910	mg/L	0.0050	0.5	0	98.2	80	120			
Selenium	0.5017	mg/L	0.050	0.5	0	100	80	120			
Silver	0.5071	mg/L	0.0050	0.5	0	101	80	120			

Method: SM2540C MOD: Total Dissolved Solids

Sample ID: MB-19948		MBLK									
Total Dissolved Solids	ND	mg/L	20.0								
Sample ID: MB-19969		MBLK									
Total Dissolved Solids	ND	mg/L	20.0								
Sample ID: MB-19948		MBLK									
Total Dissolved Solids	ND	mg/L	20.0								
Sample ID: LCS-19948		LCS									
Total Dissolved Solids	1022	mg/L	20.0	1000	0	102	80	120			
Sample ID: LCS-19969		LCS									
Total Dissolved Solids	1030	mg/L	20.0	1000	0	103	80	120			
Sample ID: LCS-19948		LCS									
Total Dissolved Solids	1022	mg/L	20.0	1000	0	102	80	120			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R35037 Analysis Date: 8/25/2009 3:41:55 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R35037 Analysis Date: 8/25/2009 3:41:55 PM

4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b3

MBLK

Batch ID: R35037 Analysis Date: 8/26/2009 4:17:57 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b3

MBLK

Batch ID: R35037 Analysis Date: 8/26/2009 4:17:57 AM

Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b5

MBLK

Batch ID: R35037 Analysis Date: 8/26/2009 4:18:11 PM

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R35037 Analysis Date: 8/26/2009 4:18:11 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908356

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R35037 Analysis Date: 8/26/2009 4:18:11 PM

4-Methyl-2-pentanone	ND	µg/L	10								
Methylene Chloride	ND	µg/L	3.0								
n-Butylbenzene	ND	µg/L	1.0								
n-Propylbenzene	ND	µg/L	1.0								
sec-Butylbenzene	ND	µg/L	1.0								
Styrene	ND	µg/L	1.0								
tert-Butylbenzene	ND	µg/L	1.0								
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0								
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0								
Tetrachloroethene (PCE)	ND	µg/L	1.0								
trans-1,2-DCE	ND	µg/L	1.0								
trans-1,3-Dichloropropene	ND	µg/L	1.0								
1,2,3-Trichlorobenzene	ND	µg/L	1.0								
1,2,4-Trichlorobenzene	ND	µg/L	1.0								
1,1,1-Trichloroethane	ND	µg/L	1.0								
1,1,2-Trichloroethane	ND	µg/L	1.0								
Trichloroethene (TCE)	ND	µg/L	1.0								
Trichlorofluoromethane	ND	µg/L	1.0								
1,2,3-Trichloropropane	ND	µg/L	2.0								
Vinyl chloride	ND	µg/L	1.0								
Xylenes, Total	ND	µg/L	1.5								

Sample ID: 100ng lcs

LCS

Batch ID: R35037 Analysis Date: 8/25/2009 5:18:20 PM

Benzene	20.97	µg/L	1.0	20	0	105	76.7	114			
Toluene	19.43	µg/L	1.0	20	0	97.1	78.4	117			
Chlorobenzene	19.71	µg/L	1.0	20	0	98.6	80.7	127			
1,1-Dichloroethene	21.37	µg/L	1.0	20	0	107	80.2	128			
Trichloroethene (TCE)	19.15	µg/L	1.0	20	0	95.7	77.4	115			

Sample ID: 100ng lcs_b

LCS

Batch ID: R35037 Analysis Date: 8/26/2009 5:15:16 AM

Benzene	20.14	µg/L	1.0	20	0	101	76.7	114			
Toluene	19.26	µg/L	1.0	20	0	96.3	78.4	117			
Chlorobenzene	19.24	µg/L	1.0	20	0	96.2	80.7	127			
1,1-Dichloroethene	20.01	µg/L	1.0	20	0	100	80.2	128			
Trichloroethene (TCE)	19.23	µg/L	1.0	20	0	96.2	77.4	115			

Sample ID: 100ng lcs_c

LCS

Batch ID: R35037 Analysis Date: 8/26/2009 5:16:41 PM

Benzene	20.25	µg/L	1.0	20	0	101	76.7	114			
Toluene	20.07	µg/L	1.0	20	0	100	78.4	117			
Chlorobenzene	19.89	µg/L	1.0	20	0	99.5	80.7	127			
1,1-Dichloroethene	19.86	µg/L	1.0	20	0	99.3	80.2	128			
Trichloroethene (TCE)	18.56	µg/L	1.0	20	0	92.8	77.4	115			

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ANIMAS ENVIRONMENTAL

Date Received:

8/21/2009

Work Order Number 0908356

Received by: ARS

Sample ID labels checked by:

Initials *ARS*

Checklist completed by:

Signature *[Handwritten Signature]*

Date 8/21/09

Matrix:

Carrier name Greyhound

- Shipping container/cooler in good condition? Yes No Not Present
- Custody seals intact on shipping container/cooler? Yes No Not Present Not Shipped
- Custody seals intact on sample bottles? Yes No N/A
- Chain of custody present? Yes No
- Chain of custody signed when relinquished and received? Yes No
- Chain of custody agrees with sample labels? Yes No
- Samples in proper container/bottle? Yes No
- Sample containers intact? Yes No
- Sufficient sample volume for indicated test? Yes No
- All samples received within holding time? Yes No AT 8/21/09
- Water - VOA vials have zero headspace? No VOA vials submitted Yes No
- Water - Preservation labels on bottle and cap match? Yes No N/A
- Water - pH acceptable upon receipt? Yes No N/A
- Container/Temp Blank temperature? 3.8° <6° C Acceptable
If given sufficient time to cool.

Number of preserved bottles checked for pH:

<2 >12 unless noted below *14*

COMMENTS:

Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: *per DW samples collected on 8-19-20-09 / AT 8/21/09*

Corrective Action _____

Chain-of-Custody Record

Client: Animas Environmental Services, LLC
 Mailing Address: 604 E. Comanche Farmington NM 87401
 Phone #: 505-564-2281
 email or Fax#: 505-324-2022

QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation
 NELAP Other _____
 EDD (Type) _____

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type
8-19-09	1158	Aqueous	TW#1	(1) 500 mL	HNO3
	1231		TW#2	(1) 500 mL	HCl
	1302		TW#3	(5) 40 mL	HCl
	1333		TW#4	(1) 40 mL	-
	1452		TW#5		
	1520		TW#6		
	1550		TW#7		
8-20-09	0924		TW#8		
	0954		TW#9		
	1025		TW#10		
	1105		TW#11		
	1139		TW#12		

Date: _____ Relinquished by: _____
 Date: 8-20-09 Time: 1530
 Date: 8/20/09 Time: 1620
 Relinquished by: Debrah Water
 Received by: Debrah Water Date: 8/21/09 Time: 9:20

Turn-Around Time:
 Standard Rush
 Project Name: THEFTWAY Refinery
 Project #: 810

Project Manager: Ross Kennerly
 Sampler: Mike Beauptant

Sample Temperature: 36
 Sample Volume: 36

BTEX + MTBE + TPH (Gas only)	BTEX + MTBE + TMB's (8021)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F, Cl, NO3, NO2, PO4, SO4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	6010 Cations	Specific Conductance	Hardness (CaCO3)	TDS	Air Bubbles (Y or N)
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Remarks:
 Anions/cations: calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate.
 * #/capacity of containers is identical for ea. sample.
 Dued Bill to ProTech

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

Analysis Request

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

Chain-of-Custody Record

Client: Animas Environmental Services, LLC
 Mailing Address: 604 E. Comanche Farmington NM 87401
 Phone #: 505-564-2281
 email or Fax#: 505-324-2022

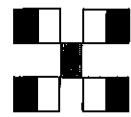
QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation
 NELAP Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: THE PRIMARY REFINERY
 Project #: 810

Project Manager: Ross Kenemer
 Sampler: Mike Benjupulant
 On Site: Yes
 Sample Temperature: 58

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type
8-20-09	1301	HP0	TW-15	(1) 500 mL	HNO3
	1401	↓	TW-16	(1) 500 mL (5) 40mL (1) 40mL	HCl

Date: 8/20/09 Time: 1630 Relinquished by: [Signature]
 Date: 8/20/09 Time: 1630 Relinquished by: Abraham Watson
 Received by: Abraham Watson Date: 9/20/09 Time: 1530
 Received by: [Signature] Date: 9/20/09 Time: 1609



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH Method 8015B (Gas/Diesel)	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Amions (F, Cl, NO ₃ , NO ₂ , PO ₄ , SO ₄)	8081 Pesticides / 8082 PCBs	8260B (VOA)	8270 (Semi-VOA)	6010 Cations	Specific Condensance	hardness (CaCO ₃)	TDS	Air Bubbles (Y or N)
		X				X	X		X		X	X	X	X	
		X				X	X		X		X	X	X	X	

Remarks:
 Anions - calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate
 *# / capacity of containers is identical to each sample
 Direct Pull to ProtTech

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

COVER LETTER

Friday, September 25, 2009

Ross Kennemer
Animas Environmental Services
624 East Comanche
Farmington, NM 87401

TEL: (505) 486-1776

FAX (505) 324-2022

RE: Thriftway Refinery

Order No.: 0908422

Dear Ross Kennemer:


Hall Environmental Analysis Laboratory, Inc. received 13 sample(s) on 8/25/2009 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. Below is a list of our accreditations. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites.

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

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

Sincerely,


Andy Freeman, Laboratory Manager

NM Lab # NM9425

AZ license # AZ0682

ORELAP Lab # NM100001

Texas Lab# T104704424-08-TX



Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-01

Client Sample ID: TW #17
Collection Date: 8/21/2009 9:23:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 4:14:04 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 4:14:04 PM
Surr: DNOP	105	58-140		%REC	1	8/26/2009 4:14:04 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/30/2009 5:09:21 PM
Surr: BFB	82.3	55.2-107		%REC	1	8/30/2009 5:09:21 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.80	0.10		mg/L	1	9/2/2009 10:48:57 AM
Chloride	170	2.0		mg/L	20	9/2/2009 11:06:21 AM
Bromide	1.2	0.10		mg/L	1	9/2/2009 10:48:57 AM
Sulfate	3100	50		mg/L	100	9/4/2009 10:53:04 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1100	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:23:35 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	0.063	0.020		mg/L	1	8/29/2009 4:03:59 PM
Barium	ND	0.020		mg/L	1	8/29/2009 4:03:59 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:12:48 PM
Calcium	350	5.0		mg/L	5	8/31/2009 1:13:58 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:03:59 PM
Lead	0.0083	0.0050		mg/L	1	8/31/2009 12:12:48 PM
Magnesium	43	1.0		mg/L	1	8/29/2009 4:03:59 PM
Potassium	4.2	1.0		mg/L	1	8/29/2009 4:03:59 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:12:48 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:03:59 PM
Sodium	1200	50		mg/L	50	8/31/2009 1:17:52 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-01

Client Sample ID: TW #17
Collection Date: 8/21/2009 9:23:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 6:40:37 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 6:40:37 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 6:40:37 AM
Acetone	ND	10		µg/L	1	8/26/2009 6:40:37 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 6:40:37 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 6:40:37 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 6:40:37 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 6:40:37 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 6:40:37 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 6:40:37 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 6:40:37 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 6:40:37 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-01

Client Sample ID: TW #17
Collection Date: 8/21/2009 9:23:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 6:40:37 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 6:40:37 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 6:40:37 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 6:40:37 AM
Surr: 1,2-Dichloroethane-d4	99.2	54.6-141		%REC	1	8/26/2009 6:40:37 AM
Surr: 4-Bromofluorobenzene	104	60.1-133		%REC	1	8/26/2009 6:40:37 AM
Surr: Dibromofluoromethane	106	78.5-130		%REC	1	8/26/2009 6:40:37 AM
Surr: Toluene-d8	106	79.5-126		%REC	1	8/26/2009 6:40:37 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4700	0.010		µmhos/cm	1	9/2/2009 1:35:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4640	100		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW-18
Lab Order:	0908422	Collection Date:	8/21/2009 10:01:00 AM
Project:	Thriftway Refinery	Date Received:	8/25/2009
Lab ID:	0908422-02	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 4:49:31 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 4:49:31 PM
Surr: DNOP	102	58-140		%REC	1	8/26/2009 4:49:31 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.11	0.050		mg/L	1	8/30/2009 5:39:47 PM
Surr: BFB	81.1	55.2-107		%REC	1	8/30/2009 5:39:47 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.77	0.10		mg/L	1	9/2/2009 11:23:46 AM
Chloride	52	2.0		mg/L	20	9/2/2009 11:41:11 AM
Bromide	0.43	0.10		mg/L	1	9/2/2009 11:23:46 AM
Sulfate	2800	50		mg/L	100	9/4/2009 11:10:29 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1500	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:25:26 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/29/2009 4:08:02 PM
Barium	ND	0.020		mg/L	1	8/29/2009 4:08:02 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:16:53 PM
Calcium	500	10		mg/L	10	8/31/2009 1:20:38 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:08:02 PM
Lead	ND	0.0050		mg/L	1	8/31/2009 12:16:53 PM
Magnesium	54	1.0		mg/L	1	8/29/2009 4:08:02 PM
Potassium	3.6	1.0		mg/L	1	8/29/2009 4:08:02 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:16:53 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:08:02 PM
Sodium	830	10		mg/L	10	8/31/2009 1:20:38 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	2.5	1.0		µg/L	1	8/26/2009 7:09:16 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Ethylbenzene	12	1.0		µg/L	1	8/26/2009 7:09:16 AM
Methyl tert-butyl ether (MTBE)	3.2	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2,4-Trimethylbenzene	3.6	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-02

Client Sample ID: TW-18
Collection Date: 8/21/2009 10:01:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 7:09:16 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 7:09:16 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 7:09:16 AM
Acetone	ND	10		µg/L	1	8/26/2009 7:09:16 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 7:09:16 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 7:09:16 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 7:09:16 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 7:09:16 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 7:09:16 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 7:09:16 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 7:09:16 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 7:09:16 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
n-Propylbenzene	2.0	1.0		µg/L	1	8/26/2009 7:09:16 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW-18
Lab Order:	0908422	Collection Date:	8/21/2009 10:01:00 AM
Project:	Thriftway Refinery	Date Received:	8/25/2009
Lab ID:	0908422-02	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 7:09:16 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 7:09:16 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 7:09:16 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 7:09:16 AM
Surr: 1,2-Dichloroethane-d4	95.9	54.6-141		%REC	1	8/26/2009 7:09:16 AM
Surr: 4-Bromofluorobenzene	105	60.1-133		%REC	1	8/26/2009 7:09:16 AM
Surr: Dibromofluoromethane	100	78.5-130		%REC	1	8/26/2009 7:09:16 AM
Surr: Toluene-d8	111	79.5-126		%REC	1	8/26/2009 7:09:16 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4300	0.010		µmhos/cm	1	9/2/2009 1:37:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4440	40.0		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-03

Client Sample ID: TW-23
Collection Date: 8/21/2009 10:38:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 5:24:58 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 5:24:58 PM
Surr: DNOP	111	58-140		%REC	1	8/26/2009 5:24:58 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.34	0.050		mg/L	1	8/30/2009 6:10:18 PM
Surr: BFB	93.8	55.2-107		%REC	1	8/30/2009 6:10:18 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	1.1	0.10		mg/L	1	9/2/2009 11:58:36 AM
Chloride	150	2.0		mg/L	20	9/2/2009 12:16:00 PM
Bromide	1.1	0.10		mg/L	1	9/2/2009 11:58:36 AM
Sulfate	3600	50		mg/L	100	9/4/2009 11:27:54 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:27:10 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/29/2009 4:12:09 PM
Barium	0.023	0.020		mg/L	1	8/29/2009 4:12:09 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:20:59 PM
Calcium	470	50		mg/L	50	8/31/2009 1:23:54 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:12:09 PM
Lead	ND	0.0050		mg/L	1	8/31/2009 12:20:59 PM
Magnesium	49	1.0		mg/L	1	8/29/2009 4:12:09 PM
Potassium	3.5	1.0		mg/L	1	8/29/2009 4:12:09 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:20:59 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:12:09 PM
Sodium	1400	50		mg/L	50	8/31/2009 1:23:54 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Toluene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Ethylbenzene	24	1.0		µg/L	1	8/26/2009 2:50:37 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-03

Client Sample ID: TW-23
Collection Date: 8/21/2009 10:38:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 2:50:37 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:50:37 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 2:50:37 PM
Acetone	ND	10		µg/L	1	8/26/2009 2:50:37 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Bromoform	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
2-Butanone	ND	10		µg/L	1	8/26/2009 2:50:37 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 2:50:37 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 2:50:37 PM
Chloroform	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 2:50:37 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 2:50:37 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
2-Hexanone	ND	10		µg/L	1	8/26/2009 2:50:37 PM
Isopropylbenzene	1.4	1.0		µg/L	1	8/26/2009 2:50:37 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 2:50:37 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 2:50:37 PM
n-Butylbenzene	1.0	1.0		µg/L	1	8/26/2009 2:50:37 PM
n-Propylbenzene	4.3	1.0		µg/L	1	8/26/2009 2:50:37 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Styrene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-03

Client Sample ID: TW-23
Collection Date: 8/21/2009 10:38:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 2:50:37 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 2:50:37 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 2:50:37 PM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 2:50:37 PM
Surr: 1,2-Dichloroethane-d4	92.9	54.6-141		%REC	1	8/26/2009 2:50:37 PM
Surr: 4-Bromofluorobenzene	100	60.1-133		%REC	1	8/26/2009 2:50:37 PM
Surr: Dibromofluoromethane	99.7	78.5-130		%REC	1	8/26/2009 2:50:37 PM
Surr: Toluene-d8	103	79.5-126		%REC	1	8/26/2009 2:50:37 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5500	0.010		µmhos/cm	1	9/2/2009 1:39:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	5440	200		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW-30
Lab Order:	0908422	Collection Date:	8/21/2009 11:57:00 AM
Project:	Thriftway Refinery	Date Received:	8/25/2009
Lab ID:	0908422-04	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 6:00:24 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 6:00:24 PM
Surr: DNOP	106	58-140		%REC	1	8/26/2009 6:00:24 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.055	0.050		mg/L	1	8/30/2009 6:40:43 PM
Surr: BFB	89.3	55.2-107		%REC	1	8/30/2009 6:40:43 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.56	0.10		mg/L	1	9/2/2009 12:33:25 PM
Chloride	860	5.0		mg/L	50	9/4/2009 11:45:18 AM
Bromide	3.7	2.0		mg/L	20	9/2/2009 12:50:49 PM
Sulfate	2000	25		mg/L	50	9/4/2009 11:45:18 AM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	2000	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:28:53 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	0.032	0.020		mg/L	1	8/29/2009 4:16:18 PM
Barium	0.039	0.020		mg/L	1	8/29/2009 4:16:18 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:26:46 PM
Calcium	700	50		mg/L	50	8/31/2009 1:26:52 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:16:18 PM
Lead	0.019	0.0050		mg/L	1	8/31/2009 12:26:46 PM
Magnesium	57	1.0		mg/L	1	8/29/2009 4:16:18 PM
Potassium	5.9	1.0		mg/L	1	8/29/2009 4:16:18 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:26:46 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:16:18 PM
Sodium	1100	50		mg/L	50	8/31/2009 1:26:52 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Methyl tert-butyl ether (MTBE)	20	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-04

Client Sample ID: TW-30
Collection Date: 8/21/2009 11:57:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 8:06:38 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 8:06:38 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 8:06:38 AM
Acetone	ND	10		µg/L	1	8/26/2009 8:06:38 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 8:06:38 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 8:06:38 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 8:06:38 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 8:06:38 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 8:06:38 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 8:06:38 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 8:06:38 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 8:06:38 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-04

Client Sample ID: TW-30
Collection Date: 8/21/2009 11:57:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 8:06:38 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 8:06:38 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 8:06:38 AM
Vinyl chloride	4.6	1.0		µg/L	1	8/26/2009 8:06:38 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 8:06:38 AM
Surr: 1,2-Dichloroethane-d4	99.1	54.6-141		%REC	1	8/26/2009 8:06:38 AM
Surr: 4-Bromofluorobenzene	108	60.1-133		%REC	1	8/26/2009 8:06:38 AM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	8/26/2009 8:06:38 AM
Surr: Toluene-d8	99.8	79.5-126		%REC	1	8/26/2009 8:06:38 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5000	0.010		µmhos/cm	1	9/2/2009 1:41:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4550	100		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-05

Client Sample ID: TW-31
Collection Date: 8/21/2009 1:19:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 7:11:49 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 7:11:49 PM
Surr: DNOP	111	58-140		%REC	1	8/26/2009 7:11:49 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/30/2009 7:11:13 PM
Surr: BFB	83.9	55.2-107		%REC	1	8/30/2009 7:11:13 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.43	0.10		mg/L	1	9/2/2009 1:43:04 PM
Chloride	1700	10		mg/L	100	9/4/2009 9:19:47 PM
Bromide	3.9	2.0		mg/L	20	9/2/2009 2:00:28 PM
Sulfate	1200	25		mg/L	50	9/4/2009 12:02:42 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1400	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:30:38 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	0.066	0.020		mg/L	1	8/29/2009 4:22:07 PM
Barium	0.064	0.020		mg/L	1	8/29/2009 4:22:07 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:30:54 PM
Calcium	460	50		mg/L	50	8/31/2009 7:36:54 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:22:07 PM
Lead	0.015	0.0050		mg/L	1	8/31/2009 12:30:54 PM
Magnesium	68	1.0		mg/L	1	8/29/2009 4:22:07 PM
Potassium	4.9	1.0		mg/L	1	8/29/2009 4:22:07 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:30:54 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:22:07 PM
Sodium	1300	50		mg/L	50	8/31/2009 7:36:54 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Methyl tert-butyl ether (MTBE)	16	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-05

Client Sample ID: TW-31
Collection Date: 8/21/2009 1:19:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 8:35:05 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 8:35:05 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 8:35:05 AM
Acetone	ND	10		µg/L	1	8/26/2009 8:35:05 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 8:35:05 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 8:35:05 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 8:35:05 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 8:35:05 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 8:35:05 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 8:35:05 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 8:35:05 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 8:35:05 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-05

Client Sample ID: TW-31
Collection Date: 8/21/2009 1:19:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 8:35:05 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 8:35:05 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 8:35:05 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 8:35:05 AM
Surr: 1,2-Dichloroethane-d4	97.3	54.6-141		%REC	1	8/26/2009 8:35:05 AM
Surr: 4-Bromofluorobenzene	106	60.1-133		%REC	1	8/26/2009 8:35:05 AM
Surr: Dibromofluoromethane	104	78.5-130		%REC	1	8/26/2009 8:35:05 AM
Surr: Toluene-d8	103	79.5-126		%REC	1	8/26/2009 8:35:05 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5800	0.010		µmhos/cm	1	9/2/2009 1:43:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4790	40.0		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-06

Client Sample ID: TW-37
Collection Date: 8/21/2009 2:01:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	1.2	1.0		mg/L	1	8/26/2009 7:47:31 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 7:47:31 PM
Surr: DNOP	110	58-140		%REC	1	8/26/2009 7:47:31 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	1.7	0.50		mg/L	10	8/31/2009 4:24:18 PM
Surr: BFB	85.2	55.2-107		%REC	10	8/31/2009 4:24:18 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.59	0.10		mg/L	1	9/2/2009 2:17:52 PM
Chloride	330	2.0		mg/L	20	9/2/2009 2:35:16 PM
Bromide	3.5	2.0		mg/L	20	9/2/2009 2:35:16 PM
Sulfate	1700	25		mg/L	50	9/4/2009 12:20:07 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1100	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:32:23 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/29/2009 4:26:16 PM
Barium	0.041	0.020		mg/L	1	8/29/2009 4:26:16 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:35:04 PM
Calcium	380	10		mg/L	10	8/31/2009 7:19:14 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:26:16 PM
Lead	ND	0.0050		mg/L	1	8/31/2009 12:35:04 PM
Magnesium	46	1.0		mg/L	1	8/29/2009 4:26:16 PM
Potassium	3.7	1.0		mg/L	1	8/29/2009 4:26:16 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:35:04 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:26:16 PM
Sodium	870	10		mg/L	10	8/31/2009 7:19:14 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	250	5.0		µg/L	5	8/26/2009 3:19:45 PM
Toluene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Ethylbenzene	51	5.0		µg/L	5	8/26/2009 3:19:45 PM
Methyl tert-butyl ether (MTBE)	180	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2,4-Trimethylbenzene	130	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,3,5-Trimethylbenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-06

Client Sample ID: TW-37
Collection Date: 8/21/2009 2:01:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	10		µg/L	5	8/26/2009 3:19:45 PM
1-Methylnaphthalene	20	20		µg/L	5	8/26/2009 3:19:45 PM
2-Methylnaphthalene	ND	20		µg/L	5	8/26/2009 3:19:45 PM
Acetone	ND	50		µg/L	5	8/26/2009 3:19:45 PM
Bromobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Bromodichloromethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Bromoform	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Bromomethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
2-Butanone	ND	50		µg/L	5	8/26/2009 3:19:45 PM
Carbon disulfide	ND	50		µg/L	5	8/26/2009 3:19:45 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Chlorobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Chloroethane	ND	10		µg/L	5	8/26/2009 3:19:45 PM
Chloroform	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Chloromethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
2-Chlorotoluene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
4-Chlorotoluene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
cis-1,2-DCE	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	8/26/2009 3:19:45 PM
Dibromochloromethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Dibromomethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
2,2-Dichloropropane	ND	10		µg/L	5	8/26/2009 3:19:45 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
2-Hexanone	ND	50		µg/L	5	8/26/2009 3:19:45 PM
Isopropylbenzene	19	5.0		µg/L	5	8/26/2009 3:19:45 PM
4-Isopropyltoluene	5.5	5.0		µg/L	5	8/26/2009 3:19:45 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	8/26/2009 3:19:45 PM
Methylene Chloride	ND	15		µg/L	5	8/26/2009 3:19:45 PM
n-Butylbenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
n-Propylbenzene	28	5.0		µg/L	5	8/26/2009 3:19:45 PM
sec-Butylbenzene	5.1	5.0		µg/L	5	8/26/2009 3:19:45 PM
Styrene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
 Lab Order: 0908422
 Project: Thriftway Refinery
 Lab ID: 0908422-06

Client Sample ID: TW-37
 Collection Date: 8/21/2009 2:01:00 PM
 Date Received: 8/25/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	8/26/2009 3:19:45 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
trans-1,2-DCE	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	8/26/2009 3:19:45 PM
Vinyl chloride	ND	5.0		µg/L	5	8/26/2009 3:19:45 PM
Xylenes, Total	32	7.5		µg/L	5	8/26/2009 3:19:45 PM
Surr: 1,2-Dichloroethane-d4	78.4	54.6-141		%REC	5	8/26/2009 3:19:45 PM
Surr: 4-Bromofluorobenzene	90.1	60.1-133		%REC	5	8/26/2009 3:19:45 PM
Surr: Dibromofluoromethane	97.0	78.5-130		%REC	5	8/26/2009 3:19:45 PM
Surr: Toluene-d8	101	79.5-126		%REC	5	8/26/2009 3:19:45 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4200	0.010		µmhos/cm	1	9/2/2009 1:45:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3740	20.0		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-07

Client Sample ID: TW-39
Collection Date: 8/21/2009 2:53:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 8:23:11 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 8:23:11 PM
Surr: DNOP	98.8	58-140		%REC	1	8/26/2009 8:23:11 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.47	0.050		mg/L	1	8/31/2009 4:54:44 PM
Surr: BFB	114	55.2-107	S	%REC	1	8/31/2009 4:54:44 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.44	0.10		mg/L	1	9/2/2009 2:52:41 PM
Chloride	1300	10		mg/L	100	9/4/2009 9:37:12 PM
Bromide	2.3	1.0		mg/L	10	9/4/2009 12:37:32 PM
Sulfate	990	25		mg/L	50	9/4/2009 12:54:56 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1700	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:37:50 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/29/2009 4:30:20 PM
Barium	0.080	0.020		mg/L	1	8/29/2009 4:30:20 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:39:08 PM
Calcium	600	50		mg/L	50	8/31/2009 7:22:08 PM
Chromium	0.0077	0.0060		mg/L	1	8/29/2009 4:30:20 PM
Lead	ND	0.0050		mg/L	1	8/31/2009 12:39:08 PM
Magnesium	54	1.0		mg/L	1	8/29/2009 4:30:20 PM
Potassium	7.1	1.0		mg/L	1	8/29/2009 4:30:20 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:39:08 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:30:20 PM
Sodium	1100	50		mg/L	50	8/31/2009 7:22:08 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	1.7	1.0		µg/L	1	8/26/2009 3:48:50 PM
Toluene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Ethylbenzene	2.8	1.0		µg/L	1	8/26/2009 3:48:50 PM
Methyl tert-butyl ether (MTBE)	16	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-07

Client Sample ID: TW-39
Collection Date: 8/21/2009 2:53:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 3:48:50 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 3:48:50 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 3:48:50 PM
Acetone	ND	10		µg/L	1	8/26/2009 3:48:50 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Bromoform	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
2-Butanone	ND	10		µg/L	1	8/26/2009 3:48:50 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 3:48:50 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 3:48:50 PM
Chloroform	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 3:48:50 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 3:48:50 PM
1,1,1-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
2-Hexanone	ND	10		µg/L	1	8/26/2009 3:48:50 PM
Isopropylbenzene	3.9	1.0		µg/L	1	8/26/2009 3:48:50 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 3:48:50 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 3:48:50 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
n-Propylbenzene	1.5	1.0		µg/L	1	8/26/2009 3:48:50 PM
sec-Butylbenzene	3.7	1.0		µg/L	1	8/26/2009 3:48:50 PM
Styrene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-07

Client Sample ID: TW-39
Collection Date: 8/21/2009 2:53:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	1.5	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 3:48:50 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 3:48:50 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 3:48:50 PM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 3:48:50 PM
Surr: 1,2-Dichloroethane-d4	86.6	54.6-141		%REC	1	8/26/2009 3:48:50 PM
Surr: 4-Bromofluorobenzene	104	60.1-133		%REC	1	8/26/2009 3:48:50 PM
Surr: Dibromofluoromethane	102	78.5-130		%REC	1	8/26/2009 3:48:50 PM
Surr: Toluene-d8	97.7	79.5-126		%REC	1	8/26/2009 3:48:50 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5200	0.010		µmhos/cm	1	9/2/2009 1:47:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4460	400		mg/L	1	8/27/2009 3:39:00 PM

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW-41
Lab Order: 0908422 **Collection Date:** 8/24/2009 9:59:00 AM
Project: Thriftway Refinery **Date Received:** 8/25/2009
Lab ID: 0908422-08 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	1.1	1.0		mg/L	1	8/26/2009 8:58:55 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 8:58:55 PM
Surr: DNOP	105	58-140		%REC	1	8/26/2009 8:58:55 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	7.0	0.50		mg/L	10	8/31/2009 5:25:26 PM
Surr: BFB	92.9	55.2-107		%REC	10	8/31/2009 5:25:26 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	ND	0.50		mg/L	5	9/2/2009 9:33:07 PM
Chloride	970	10		mg/L	100	9/4/2009 9:54:36 PM
Bromide	1.7	0.50		mg/L	5	9/2/2009 9:33:07 PM
Sulfate	500	10		mg/L	20	9/2/2009 9:50:32 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	1100	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:39:37 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/29/2009 4:34:25 PM
Barium	0.11	0.020		mg/L	1	8/29/2009 4:34:25 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 12:43:14 PM
Calcium	330	50		mg/L	50	8/31/2009 7:31:33 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:34:25 PM
Lead	ND	0.0050		mg/L	1	8/31/2009 12:43:14 PM
Magnesium	57	1.0		mg/L	1	8/29/2009 4:34:25 PM
Potassium	6.5	1.0		mg/L	1	8/29/2009 4:34:25 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 12:43:14 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:34:25 PM
Sodium	1000	50		mg/L	50	8/31/2009 7:31:33 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	170	5.0		µg/L	5	8/26/2009 6:14:53 PM
Toluene	6.6	5.0		µg/L	5	8/26/2009 6:14:53 PM
Ethylbenzene	400	5.0		µg/L	5	8/26/2009 6:14:53 PM
Methyl tert-butyl ether (MTBE)	24	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2,4-Trimethylbenzene	600	20		µg/L	20	8/26/2009 5:45:49 PM
1,3,5-Trimethylbenzene	110	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2-Dichloroethane (EDC)	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2-Dibromoethane (EDB)	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-08

Client Sample ID: TW-41
Collection Date: 8/24/2009 9:59:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	49	10		µg/L	5	8/26/2009 6:14:53 PM
1-Methylnaphthalene	39	20		µg/L	5	8/26/2009 6:14:53 PM
2-Methylnaphthalene	ND	20		µg/L	5	8/26/2009 6:14:53 PM
Acetone	ND	50		µg/L	5	8/26/2009 6:14:53 PM
Bromobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Bromodichloromethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Bromoform	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Bromomethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
2-Butanone	ND	50		µg/L	5	8/26/2009 6:14:53 PM
Carbon disulfide	51	50		µg/L	5	8/26/2009 6:14:53 PM
Carbon Tetrachloride	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Chlorobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Chloroethane	ND	10		µg/L	5	8/26/2009 6:14:53 PM
Chloroform	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Chloromethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
2-Chlorotoluene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
4-Chlorotoluene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
cis-1,2-DCE	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	5	8/26/2009 6:14:53 PM
Dibromochloromethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Dibromomethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Dichlorodifluoromethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,1-Dichloroethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,1-Dichloroethene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2-Dichloropropane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,3-Dichloropropane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
2,2-Dichloropropane	ND	10		µg/L	5	8/26/2009 6:14:53 PM
1,1-Dichloropropene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Hexachlorobutadiene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
2-Hexanone	ND	50		µg/L	5	8/26/2009 6:14:53 PM
Isopropylbenzene	32	5.0		µg/L	5	8/26/2009 6:14:53 PM
4-Isopropyltoluene	6.7	5.0		µg/L	5	8/26/2009 6:14:53 PM
4-Methyl-2-pentanone	ND	50		µg/L	5	8/26/2009 6:14:53 PM
Methylene Chloride	ND	15		µg/L	5	8/26/2009 6:14:53 PM
n-Butylbenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
n-Propylbenzene	36	5.0		µg/L	5	8/26/2009 6:14:53 PM
sec-Butylbenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Styrene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
 Lab Order: 0908422
 Project: Thriftway Refinery
 Lab ID: 0908422-08

Client Sample ID: TW-41
 Collection Date: 8/24/2009 9:59:00 AM
 Date Received: 8/25/2009
 Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,1,1,2-Tetrachloroethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,1,2,2-Tetrachloroethane	ND	10		µg/L	5	8/26/2009 6:14:53 PM
Tetrachloroethene (PCE)	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
trans-1,2-DCE	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2,3-Trichlorobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2,4-Trichlorobenzene	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Trichloroethene (TCE)	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Trichlorofluoromethane	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
1,2,3-Trichloropropane	ND	10		µg/L	5	8/26/2009 6:14:53 PM
Vinyl chloride	ND	5.0		µg/L	5	8/26/2009 6:14:53 PM
Xylenes, Total	2000	30		µg/L	20	8/26/2009 5:45:49 PM
Surr: 1,2-Dichloroethane-d4	91.0	54.6-141		%REC	5	8/26/2009 6:14:53 PM
Surr: 4-Bromofluorobenzene	97.4	60.1-133		%REC	5	8/26/2009 6:14:53 PM
Surr: Dibromofluoromethane	108	78.5-130		%REC	5	8/26/2009 6:14:53 PM
Surr: Toluene-d8	111	79.5-126		%REC	5	8/26/2009 6:14:53 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4600	0.010		µmhos/cm	1	9/2/2009 1:49:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	3510	100		mg/L	1	8/28/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-09

Client Sample ID: TW-42
Collection Date: 8/24/2009 10:45:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 9:34:38 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 9:34:38 PM
Surr: DNOP	116	58-140		%REC	1	8/26/2009 9:34:38 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.10	0.050		mg/L	1	8/31/2009 5:55:52 PM
Surr: BFB	95.5	55.2-107		%REC	1	8/31/2009 5:55:52 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.43	0.10		mg/L	1	9/2/2009 10:07:57 PM
Chloride	690	5.0		mg/L	50	9/4/2009 2:04:34 PM
Bromide	3.8	2.0		mg/L	20	9/2/2009 10:25:21 PM
Sulfate	1400	25		mg/L	50	9/4/2009 2:04:34 PM
EPA 6010B: HARDNESS						Analyst: TES
Hardness (As CaCO3)	940	1.0		mg/L	1	8/29/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:41:23 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: TES
Arsenic	ND	0.020		mg/L	1	8/29/2009 4:50:05 PM
Barium	0.042	0.020		mg/L	1	8/29/2009 4:50:05 PM
Cadmium	ND	0.0020		mg/L	1	8/31/2009 1:01:59 PM
Calcium	250	5.0		mg/L	5	8/31/2009 7:24:51 PM
Chromium	ND	0.0060		mg/L	1	8/29/2009 4:50:05 PM
Lead	ND	0.0050		mg/L	1	8/31/2009 1:01:59 PM
Magnesium	75	1.0		mg/L	1	8/29/2009 4:50:05 PM
Potassium	6.3	1.0		mg/L	1	8/29/2009 4:50:05 PM
Selenium	ND	0.050		mg/L	1	8/31/2009 1:01:59 PM
Silver	ND	0.0050		mg/L	1	8/29/2009 4:50:05 PM
Sodium	1200	50		mg/L	50	8/31/2009 7:28:47 PM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Methyl tert-butyl ether (MTBE)	70	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM

Qualifiers: * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-09

Client Sample ID: TW-42
Collection Date: 8/24/2009 10:45:00 AM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 10:29:49 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 10:29:49 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 10:29:49 AM
Acetone	ND	10		µg/L	1	8/26/2009 10:29:49 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 10:29:49 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 10:29:49 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 10:29:49 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 10:29:49 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 10:29:49 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 10:29:49 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 10:29:49 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 10:29:49 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services **Client Sample ID:** TW-42
Lab Order: 0908422 **Collection Date:** 8/24/2009 10:45:00 AM
Project: Thriftway Refinery **Date Received:** 8/25/2009
Lab ID: 0908422-09 **Matrix:** AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 10:29:49 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 10:29:49 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 10:29:49 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 10:29:49 AM
Surr: 1,2-Dichloroethane-d4	93.5	54.6-141		%REC	1	8/26/2009 10:29:49 AM
Surr: 4-Bromofluorobenzene	105	60.1-133		%REC	1	8/26/2009 10:29:49 AM
Surr: Dibromofluoromethane	98.7	78.5-130		%REC	1	8/26/2009 10:29:49 AM
Surr: Toluene-d8	105	79.5-126		%REC	1	8/26/2009 10:29:49 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5000	0.010		µmhos/cm	1	9/2/2009 1:51:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4260	40.0		mg/L	1	8/28/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-10

Client Sample ID: TW-43
Collection Date: 8/24/2009 12:31:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 10:10:21 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 10:10:21 PM
Surr: DNOP	104	58-140		%REC	1	8/26/2009 10:10:21 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.17	0.050		mg/L	1	8/31/2009 6:26:27 PM
Surr: BFB	86.7	55.2-107		%REC	1	8/31/2009 6:26:27 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.74	0.10		mg/L	1	9/2/2009 10:42:45 PM
Chloride	140	2.0		mg/L	20	9/2/2009 11:00:10 PM
Bromide	0.60	0.10		mg/L	1	9/2/2009 10:42:45 PM
Sulfate	2500	50		mg/L	100	9/4/2009 2:21:59 PM
EPA 6010B: HARDNESS						Analyst: RAGS
Hardness (As CaCO3)	1600	1.0		mg/L	1	9/25/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 4:43:09 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: RAGS
Arsenic	ND	0.020		mg/L	1	9/23/2009 1:00:37 AM
Barium	ND	0.020		mg/L	1	9/23/2009 1:00:37 AM
Cadmium	ND	0.0020		mg/L	1	9/23/2009 1:00:37 AM
Calcium	570	20		mg/L	20	9/25/2009 9:35:39 AM
Chromium	ND	0.0060		mg/L	1	9/23/2009 1:00:37 AM
Lead	0.0061	0.0050		mg/L	1	9/23/2009 1:00:37 AM
Magnesium	55	1.0		mg/L	1	9/23/2009 1:00:37 AM
Potassium	5.0	1.0		mg/L	1	9/23/2009 1:00:37 AM
Selenium	ND	0.050		mg/L	1	9/23/2009 1:00:37 AM
Silver	ND	0.0050		mg/L	1	9/23/2009 1:00:37 AM
Sodium	930	20		mg/L	20	9/25/2009 9:35:39 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Methyl tert-butyl ether (MTBE)	500	10		µg/L	10	8/26/2009 7:13:01 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2-Dichloroethane (EDC)	1.4	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-10

Client Sample ID: TW-43
Collection Date: 8/24/2009 12:31:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 10:58:48 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 10:58:48 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 10:58:48 AM
Acetone	ND	10		µg/L	1	8/26/2009 10:58:48 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 10:58:48 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 10:58:48 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 10:58:48 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
cis-1,2-DCE	2.8	1.0		µg/L	1	8/26/2009 10:58:48 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 10:58:48 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 10:58:48 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 10:58:48 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 10:58:48 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 10:58:48 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-10

Client Sample ID: TW-43
Collection Date: 8/24/2009 12:31:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 10:58:48 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 10:58:48 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 10:58:48 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 10:58:48 AM
Surr: 1,2-Dichloroethane-d4	92.2	54.6-141		%REC	1	8/26/2009 10:58:48 AM
Surr: 4-Bromofluorobenzene	103	60.1-133		%REC	1	8/26/2009 10:58:48 AM
Surr: Dibromofluoromethane	95.9	78.5-130		%REC	1	8/26/2009 10:58:48 AM
Surr: Toluene-d8	95.4	79.5-126		%REC	1	8/26/2009 10:58:48 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	4500	0.010		µmhos/cm	1	9/2/2009 1:52:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	4610	100		mg/L	1	8/28/2009

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-11

Client Sample ID: TW-44
Collection Date: 8/24/2009 1:01:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	1.2	1.0		mg/L	1	8/26/2009 10:46:03 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 10:46:03 PM
Surr: DNOP	114	58-140		%REC	1	8/26/2009 10:46:03 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	0.20	0.050		mg/L	1	8/31/2009 10:30:14 PM
Surr: BF8	95.3	55.2-107		%REC	1	8/31/2009 10:30:14 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.38	0.10		mg/L	1	9/2/2009 11:17:35 PM
Chloride	81	2.0		mg/L	20	9/3/2009 12:09:49 AM
Bromide	3.7	2.0		mg/L	20	9/3/2009 12:09:49 AM
Sulfate	2800	50		mg/L	100	9/4/2009 2:39:23 PM
EPA 6010B: HARDNESS						Analyst: RAGS
Hardness (As CaCO3)	1800	1.0		mg/L	1	9/25/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 5:06:35 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: RAGS
Arsenic	ND	0.020		mg/L	1	9/23/2009 1:07:47 AM
Barium	0.043	0.020		mg/L	1	9/23/2009 1:07:47 AM
Cadmium	ND	0.0020		mg/L	1	9/23/2009 1:07:47 AM
Calcium	610	20		mg/L	20	9/25/2009 9:38:44 AM
Chromium	ND	0.0060		mg/L	1	9/23/2009 1:07:47 AM
Lead	ND	0.0050		mg/L	1	9/23/2009 1:07:47 AM
Magnesium	56	1.0		mg/L	1	9/23/2009 1:07:47 AM
Potassium	8.1	1.0		mg/L	1	9/23/2009 1:07:47 AM
Selenium	ND	0.050		mg/L	1	9/23/2009 1:07:47 AM
Silver	ND	0.0050		mg/L	1	9/23/2009 1:07:47 AM
Sodium	1100	20		mg/L	20	9/25/2009 9:38:44 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	56	1.0		µg/L	1	8/26/2009 7:42:06 PM
Toluene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Ethylbenzene	6.9	1.0		µg/L	1	8/26/2009 7:42:06 PM
Methyl tert-butyl ether (MTBE)	360	50		µg/L	50	8/26/2009 11:27:34 AM
1,2,4-Trimethylbenzene	4.8	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-11

Client Sample ID: TW-44
Collection Date: 8/24/2009 1:01:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 7:42:06 PM
1-Methylnaphthalene	5.2	4.0		µg/L	1	8/26/2009 7:42:06 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 7:42:06 PM
Acetone	ND	10		µg/L	1	8/26/2009 7:42:06 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Bromoform	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
2-Butanone	ND	10		µg/L	1	8/26/2009 7:42:06 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 7:42:06 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 7:42:06 PM
Chloroform	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 7:42:06 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 7:42:06 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
2-Hexanone	ND	10		µg/L	1	8/26/2009 7:42:06 PM
Isopropylbenzene	2.6	1.0		µg/L	1	8/26/2009 7:42:06 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 7:42:06 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 7:42:06 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
n-Propylbenzene	2.7	1.0		µg/L	1	8/26/2009 7:42:06 PM
sec-Butylbenzene	1.1	1.0		µg/L	1	8/26/2009 7:42:06 PM
Styrene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-11

Client Sample ID: TW-44
Collection Date: 8/24/2009 1:01:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 7:42:06 PM
Tetrachloroethane (PCE)	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 7:42:06 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 7:42:06 PM
Xylenes, Total	7.3	1.5		µg/L	1	8/26/2009 7:42:06 PM
Surr: 1,2-Dichloroethane-d4	88.9	54.6-141		%REC	1	8/26/2009 7:42:06 PM
Surr: 4-Bromofluorobenzene	106	60.1-133		%REC	1	8/26/2009 7:42:06 PM
Surr: Dibromofluoromethane	103	78.5-130		%REC	1	8/26/2009 7:42:06 PM
Surr: Toluene-d8	108	79.5-126		%REC	1	8/26/2009 7:42:06 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5100	0.010		µmhos/cm	1	9/2/2009 1:54:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	5520	400		mg/L	1	8/28/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-12

Client Sample ID: TW-35
Collection Date: 8/24/2009 1:40:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 11:21:44 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 11:21:44 PM
Surr: DNOP	114	58-140		%REC	1	8/26/2009 11:21:44 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	8/31/2009 11:31:14 PM
Surr: BFB	87.1	55.2-107		%REC	1	8/31/2009 11:31:14 PM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	0.74	0.10		mg/L	1	9/3/2009 12:27:13 AM
Chloride	65	2.0		mg/L	20	9/3/2009 12:44:38 AM
Bromide	0.40	0.10		mg/L	1	9/3/2009 12:27:13 AM
Sulfate	4400	50		mg/L	100	9/4/2009 2:56:47 PM
EPA 6010B: HARDNESS						Analyst: RAGS
Hardness (As CaCO3)	1500	1.0		mg/L	1	9/25/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 5:08:21 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: RAGS
Arsenic	ND	0.020		mg/L	1	9/23/2009 1:15:58 AM
Barium	ND	0.020		mg/L	1	9/23/2009 1:15:58 AM
Cadmium	ND	0.0020		mg/L	1	9/23/2009 1:15:58 AM
Calcium	440	5.0		mg/L	5	9/23/2009 1:20:08 AM
Chromium	ND	0.0060		mg/L	1	9/23/2009 1:15:58 AM
Lead	0.0061	0.0050		mg/L	1	9/23/2009 1:15:58 AM
Magnesium	88	1.0		mg/L	1	9/23/2009 1:15:58 AM
Potassium	8.3	1.0		mg/L	1	9/23/2009 1:15:58 AM
Selenium	ND	0.050		mg/L	1	9/23/2009 1:15:58 AM
Silver	ND	0.0050		mg/L	1	9/23/2009 1:15:58 AM
Sodium	1600	20		mg/L	20	9/25/2009 9:51:09 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Toluene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-12

Client Sample ID: TW-35
Collection Date: 8/24/2009 1:40:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 11:56:26 AM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 11:56:26 AM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 11:56:26 AM
Acetone	ND	10		µg/L	1	8/26/2009 11:56:26 AM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Bromoform	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
2-Butanone	ND	10		µg/L	1	8/26/2009 11:56:26 AM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 11:56:26 AM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 11:56:26 AM
Chloroform	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 11:56:26 AM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 11:56:26 AM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
2-Hexanone	ND	10		µg/L	1	8/26/2009 11:56:26 AM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 11:56:26 AM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 11:56:26 AM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Styrene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM

Qualifiers:
 * Value exceeds Maximum Contaminant Level
 E Estimated value
 J Analyte detected below quantitation limits
 ND Not Detected at the Reporting Limit
 S Spike recovery outside accepted recovery limits

B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 MCL Maximum Contaminant Level
 RL Reporting Limit

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-12

Client Sample ID: TW-35
Collection Date: 8/24/2009 1:40:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 11:56:26 AM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 11:56:26 AM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 11:56:26 AM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 11:56:26 AM
Surr: 1,2-Dichloroethane-d4	91.1	54.6-141		%REC	1	8/26/2009 11:56:26 AM
Surr: 4-Bromofluorobenzene	96.0	60.1-133		%REC	1	8/26/2009 11:56:26 AM
Surr: Dibromofluoromethane	97.4	78.5-130		%REC	1	8/26/2009 11:56:26 AM
Surr: Toluene-d8	105	79.5-126		%REC	1	8/26/2009 11:56:26 AM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	6100	0.010		µmhos/cm	1	9/2/2009 1:56:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	6700	40.0		mg/L	1	8/28/2009

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT:	Animas Environmental Services	Client Sample ID:	TW-34
Lab Order:	0908422	Collection Date:	8/24/2009 2:09:00 PM
Project:	Thriftway Refinery	Date Received:	8/25/2009
Lab ID:	0908422-13	Matrix:	AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8015B: DIESEL RANGE						Analyst: SCC
Diesel Range Organics (DRO)	ND	1.0		mg/L	1	8/26/2009 11:57:28 PM
Motor Oil Range Organics (MRO)	ND	5.0		mg/L	1	8/26/2009 11:57:28 PM
Surr: DNOP	121	58-140		%REC	1	8/26/2009 11:57:28 PM
EPA METHOD 8015B: GASOLINE RANGE						Analyst: NSB
Gasoline Range Organics (GRO)	ND	0.050		mg/L	1	9/1/2009 12:01:35 AM
Surr: BFB	83.4	55.2-107		%REC	1	9/1/2009 12:01:35 AM
EPA METHOD 300.0: ANIONS						Analyst: TAF
Fluoride	1.0	0.10		mg/L	1	9/3/2009 1:02:03 AM
Chloride	59	2.0		mg/L	20	9/3/2009 1:19:28 AM
Bromide	0.36	0.10		mg/L	1	9/3/2009 1:02:03 AM
Sulfate	3500	50		mg/L	100	9/4/2009 3:14:11 PM
EPA 6010B: HARDNESS						Analyst: RAGS
Hardness (As CaCO3)	1400	1.0		mg/L	1	9/25/2009
EPA METHOD 7470: MERCURY						Analyst: MMS
Mercury	ND	0.00020		mg/L	1	9/3/2009 5:10:05 PM
EPA 6010B: TOTAL RECOVERABLE METALS						Analyst: RAGS
Arsenic	ND	0.020		mg/L	1	9/23/2009 1:34:59 AM
Barium	ND	0.020		mg/L	1	9/23/2009 1:34:59 AM
Cadmium	ND	0.0020		mg/L	1	9/23/2009 1:34:59 AM
Calcium	450	5.0		mg/L	5	9/23/2009 1:39:08 AM
Chromium	ND	0.0060		mg/L	1	9/23/2009 1:34:59 AM
Lead	ND	0.0050		mg/L	1	9/23/2009 1:34:59 AM
Magnesium	76	1.0		mg/L	1	9/23/2009 1:34:59 AM
Potassium	4.7	1.0		mg/L	1	9/23/2009 1:34:59 AM
Selenium	ND	0.050		mg/L	1	9/23/2009 1:34:59 AM
Silver	ND	0.0050		mg/L	1	9/23/2009 1:34:59 AM
Sodium	1200	20		mg/L	20	9/25/2009 9:54:17 AM
EPA METHOD 8260B: VOLATILES						Analyst: HL
Benzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Toluene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Ethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-13

Client Sample ID: TW-34
Collection Date: 8/24/2009 2:09:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
Naphthalene	ND	2.0		µg/L	1	8/26/2009 12:25:14 PM
1-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 12:25:14 PM
2-Methylnaphthalene	ND	4.0		µg/L	1	8/26/2009 12:25:14 PM
Acetone	ND	10		µg/L	1	8/26/2009 12:25:14 PM
Bromobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Bromodichloromethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Bromoform	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Bromomethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
2-Butanone	ND	10		µg/L	1	8/26/2009 12:25:14 PM
Carbon disulfide	ND	10		µg/L	1	8/26/2009 12:25:14 PM
Carbon Tetrachloride	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Chlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Chloroethane	ND	2.0		µg/L	1	8/26/2009 12:25:14 PM
Chloroform	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Chloromethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
2-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
4-Chlorotoluene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
cis-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	8/26/2009 12:25:14 PM
Dibromochloromethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Dibromomethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,3-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,4-Dichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Dichlorodifluoromethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,1-Dichloroethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,1-Dichloroethene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,3-Dichloropropane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
2,2-Dichloropropane	ND	2.0		µg/L	1	8/26/2009 12:25:14 PM
1,1-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Hexachlorobutadiene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
2-Hexanone	ND	10		µg/L	1	8/26/2009 12:25:14 PM
Isopropylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
4-Isopropyltoluene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	8/26/2009 12:25:14 PM
Methylene Chloride	ND	3.0		µg/L	1	8/26/2009 12:25:14 PM
n-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
n-Propylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
sec-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Styrene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM

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

Hall Environmental Analysis Laboratory, Inc.

Date: 25-Sep-09

CLIENT: Animas Environmental Services
Lab Order: 0908422
Project: Thriftway Refinery
Lab ID: 0908422-13

Client Sample ID: TW-34
Collection Date: 8/24/2009 2:09:00 PM
Date Received: 8/25/2009
Matrix: AQUEOUS

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
EPA METHOD 8260B: VOLATILES						Analyst: HL
tert-Butylbenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	8/26/2009 12:25:14 PM
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
trans-1,2-DCE	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,1,1-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,1,2-Trichloroethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Trichloroethene (TCE)	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Trichlorofluoromethane	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	8/26/2009 12:25:14 PM
Vinyl chloride	ND	1.0		µg/L	1	8/26/2009 12:25:14 PM
Xylenes, Total	ND	1.5		µg/L	1	8/26/2009 12:25:14 PM
Surr: 1,2-Dichloroethane-d4	91.3	54.6-141		%REC	1	8/26/2009 12:25:14 PM
Surr: 4-Bromofluorobenzene	102	60.1-133		%REC	1	8/26/2009 12:25:14 PM
Surr: Dibromofluoromethane	100	78.5-130		%REC	1	8/26/2009 12:25:14 PM
Surr: Toluene-d8	105	79.5-126		%REC	1	8/26/2009 12:25:14 PM
EPA 120.1: SPECIFIC CONDUCTANCE						Analyst: DAM
Specific Conductance	5100	0.010		µmhos/cm	1	9/2/2009 1:58:00 PM
SM2540C MOD: TOTAL DISSOLVED SOLIDS						Analyst: MMS
Total Dissolved Solids	5460	20.0		mg/L	1	8/28/2009

Qualifiers:

- * Value exceeds Maximum Contaminant Level
- E Estimated value
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike recovery outside accepted recovery limits

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- MCL Maximum Contaminant Level
- RL Reporting Limit

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 300.0: Anions											
Sample ID: MB		MBLK									
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.10								
Bromide	ND	mg/L	0.10								
Sulfate	ND	mg/L	0.50								
Sample ID: MB		MBLK									
Fluoride	ND	mg/L	0.10								
Chloride	ND	mg/L	0.10								
Bromide	ND	mg/L	0.10								
Sulfate	ND	mg/L	0.50								
Sample ID: LCS		LCS									
Fluoride	0.5120	mg/L	0.10	0.5	0	102	90	110			
Chloride	5.018	mg/L	0.10	5	0	100	90	110			
Bromide	2.570	mg/L	0.10	2.5	0	103	90	110			
Sulfate	9.932	mg/L	0.50	10	0	99.3	90	110			
Sample ID: LCS		LCS									
Fluoride	0.5070	mg/L	0.10	0.5	0	101	90	110			
Chloride	4.979	mg/L	0.10	5	0	99.6	90	110			
Bromide	2.545	mg/L	0.10	2.5	0	102	90	110			
Sulfate	10.01	mg/L	0.50	10	0	100	90	110			
Method: EPA Method 8015B: Diesel Range											
Sample ID: MB-19961		MBLK									
Diesel Range Organics (DRO)	ND	mg/L	1.0								
Motor Oil Range Organics (MRO)	ND	mg/L	5.0								
Sample ID: LCS-19961		LCS									
Diesel Range Organics (DRO)	5.862	mg/L	1.0	5	0	117	74	157			
Sample ID: LCSD-19961		LCSD									
Diesel Range Organics (DRO)	5.413	mg/L	1.0	5	0	108	74	157	7.96	23	
Method: EPA Method 8015B: Gasoline Range											
Sample ID: 0908422-01A MSD		MSD									
Gasoline Range Organics (GRO)	0.4818	mg/L	0.050	0.5	0	96.4	80	115	2.95	8.39	
Sample ID: 5ML RB		MBLK									
Gasoline Range Organics (GRO)	ND	mg/L	0.050								
Sample ID: 5ML RB		MBLK									
Gasoline Range Organics (GRO)	ND	mg/L	0.050								
Sample ID: 2.5UG GRO LCS		LCS									
Gasoline Range Organics (GRO)	0.4748	mg/L	0.050	0.5	0	95.0	80	115			
Sample ID: 2.5UG GRO LCS		LCS									
Gasoline Range Organics (GRO)	0.4678	mg/L	0.050	0.5	0	93.6	80	115			
Sample ID: 0908422-01A MS		MS									
Gasoline Range Organics (GRO)	0.4678	mg/L	0.050	0.5	0	93.6	80	115			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA Method 7470: Mercury											
Sample ID: MB-20033		<i>MBLK</i>									
Mercury	ND	mg/L	0.00020								
Sample ID: MB-20034		<i>MBLK</i>									
Mercury	ND	mg/L	0.00020								
Sample ID: LCS-20033		<i>LCS</i>									
Mercury	0.005242	mg/L	0.00020	0.005	5E-05	104	80	120			
Sample ID: LCS-20034		<i>LCS</i>									
Mercury	0.005200	mg/L	0.00020	0.005	4E-05	103	80	120			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 6010B: Total Recoverable Metals											
Sample ID: MB-19966		MBLK		Batch ID: 19966		Analysis Date: 8/29/2009 3:17:42 PM					
Arsenic	ND	mg/L	0.020								
Barium	ND	mg/L	0.010								
Calcium	ND	mg/L	0.50								
Chromium	ND	mg/L	0.0060								
Magnesium	ND	mg/L	0.50								
Potassium	ND	mg/L	1.0								
Silver	ND	mg/L	0.0050								
Sodium	ND	mg/L	0.50								
Sample ID: MB-19966		MBLK		Batch ID: 19966		Analysis Date: 8/31/2009 11:28:46 AM					
Cadmium	ND	mg/L	0.0020								
Lead	ND	mg/L	0.0050								
Selenium	ND	mg/L	0.050								
Sample ID: MB-19974		MBLK		Batch ID: 19974		Analysis Date: 9/23/2009 12:54:27 AM					
Arsenic	ND	mg/L	0.020								
Barium	ND	mg/L	0.010								
Cadmium	ND	mg/L	0.0020								
Calcium	ND	mg/L	0.50								
Chromium	ND	mg/L	0.0060								
Lead	ND	mg/L	0.0050								
Magnesium	ND	mg/L	0.50								
Potassium	ND	mg/L	1.0								
Selenium	ND	mg/L	0.050								
Silver	ND	mg/L	0.0050								
Sodium	ND	mg/L	0.50								
Sample ID: MB-19974		MBLK		Batch ID: 19974		Analysis Date: 9/25/2009 9:08:14 AM					
Calcium	ND	mg/L	0.50								
Silver	ND	mg/L	0.0050								
Sodium	ND	mg/L	0.50								
Sample ID: LCS-19966		LCS		Batch ID: 19966		Analysis Date: 8/29/2009 3:20:30 PM					
Arsenic	0.5430	mg/L	0.020	0.5	0	109	80	120			
Barium	0.5133	mg/L	0.010	0.5	0.0007	103	80	120			
Calcium	51.00	mg/L	0.50	50	0	102	80	120			
Chromium	0.5185	mg/L	0.0060	0.5	0	104	80	120			
Magnesium	50.50	mg/L	0.50	50	0	101	80	120			
Potassium	53.26	mg/L	1.0	50	0	107	80	120			
Silver	0.5137	mg/L	0.0050	0.5	0	103	80	120			
Sodium	54.40	mg/L	0.50	50	0	109	80	120			
Sample ID: LCS-19966		LCS		Batch ID: 19966		Analysis Date: 8/31/2009 11:31:31 AM					
Cadmium	0.5259	mg/L	0.0020	0.5	0	105	80	120			
Lead	0.5180	mg/L	0.0050	0.5	0	104	80	120			
Selenium	0.5329	mg/L	0.050	0.5	0	107	80	120			
Sample ID: LCS-19974		LCS		Batch ID: 19974		Analysis Date: 9/23/2009 12:57:30 AM					
Arsenic	0.5227	mg/L	0.020	0.5	0	105	80	120			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Method: EPA 8010B: Total Recoverable Metals											
Sample ID: LCS-19974		LCS									
Batch ID:	19974	Analysis Date:	9/23/2009 12:57:30 AM								
Barium	0.4963	mg/L	0.010	0.5	0	99.3	80	120			
Cadmium	0.5071	mg/L	0.0020	0.5	0	101	80	120			
Calcium	50.50	mg/L	0.50	50	0.0342	101	80	120			
Chromium	0.4976	mg/L	0.0060	0.5	0	99.5	80	120			
Lead	0.4904	mg/L	0.0050	0.5	0	98.1	80	120			
Magnesium	51.01	mg/L	0.50	50	0	102	80	120			
Potassium	53.72	mg/L	1.0	50	0	107	80	120			
Selenium	0.5121	mg/L	0.050	0.5	0	102	80	120			
Silver	0.5161	mg/L	0.0050	0.5	0	103	80	120			
Sodium	54.94	mg/L	0.50	50	0.0954	110	80	120			
Sample ID: LCS-19974		LCS									
Batch ID:	19974	Analysis Date:	9/25/2009 9:11:20 AM								
Calcium	51.03	mg/L	0.50	50	0	102	80	120			
Silver	0.5074	mg/L	0.0050	0.5	0.0006	101	80	120			
Sodium	54.32	mg/L	0.50	50	0	109	80	120			

Method: SM2540C MOD: Total Dissolved Solids

Sample ID: MB-19980		MBLK									
Batch ID:	19980	Analysis Date:	8/27/2009 3:39:00 PM								
Total Dissolved Solids	ND	mg/L	20.0								
Sample ID: MB-19990		MBLK									
Batch ID:	19990	Analysis Date:	8/28/2009								
Total Dissolved Solids	ND	mg/L	20.0								
Sample ID: LCS-19980		LCS									
Batch ID:	19980	Analysis Date:	8/27/2009 3:39:00 PM								
Total Dissolved Solids	1023	mg/L	20.0	1000	0	102	80	120			
Sample ID: LCS-19990		LCS									
Batch ID:	19990	Analysis Date:	8/28/2009								
Total Dissolved Solids	1037	mg/L	20.0	1000	0	104	80	120			

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 0908422-13a MSD

MSD

Batch ID: R35037

Analysis Date:

8/26/2009 1:23:02 PM

Benzene	19.92	µg/L	1.0	20	0	99.8	78.9	115	0.969	15	
Toluene	18.82	µg/L	1.0	20	0	94.1	80.5	105	6.24	15	
Chlorobenzene	18.73	µg/L	1.0	20	0	93.7	85	102	2.11	15	
1,1-Dichloroethene	20.00	µg/L	1.0	20	0	100	80.2	128	1.98	17.8	
Trichloroethene (TCE)	18.42	µg/L	1.0	20	0	92.1	70.3	125	1.91	19.8	

Sample ID: 5ml rb

MBLK

Batch ID: R35037

Analysis Date:

8/25/2009 3:41:55 PM

Benzene	ND	µg/L	1.0								
Toluene	ND	µg/L	1.0								
Ethylbenzene	ND	µg/L	1.0								
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0								
1,2,4-Trimethylbenzene	ND	µg/L	1.0								
1,3,5-Trimethylbenzene	ND	µg/L	1.0								
1,2-Dichloroethane (EDC)	ND	µg/L	1.0								
1,2-Dibromoethane (EDB)	ND	µg/L	1.0								
Naphthalene	ND	µg/L	2.0								
1-Methylnaphthalene	ND	µg/L	4.0								
2-Methylnaphthalene	ND	µg/L	4.0								
Acetone	ND	µg/L	10								
Bromobenzene	ND	µg/L	1.0								
Bromodichloromethane	ND	µg/L	1.0								
Bromoform	ND	µg/L	1.0								
Bromomethane	ND	µg/L	1.0								
2-Butanone	ND	µg/L	10								
Carbon disulfide	ND	µg/L	10								
Carbon Tetrachloride	ND	µg/L	1.0								
Chlorobenzene	ND	µg/L	1.0								
Chloroethane	ND	µg/L	2.0								
Chloroform	ND	µg/L	1.0								
Chloromethane	ND	µg/L	1.0								
2-Chlorotoluene	ND	µg/L	1.0								
4-Chlorotoluene	ND	µg/L	1.0								
cis-1,2-DCE	ND	µg/L	1.0								
cis-1,3-Dichloropropene	ND	µg/L	1.0								
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0								
Dibromochloromethane	ND	µg/L	1.0								
Dibromomethane	ND	µg/L	1.0								
1,2-Dichlorobenzene	ND	µg/L	1.0								
1,3-Dichlorobenzene	ND	µg/L	1.0								
1,4-Dichlorobenzene	ND	µg/L	1.0								
Dichlorodifluoromethane	ND	µg/L	1.0								
1,1-Dichloroethane	ND	µg/L	1.0								
1,1-Dichloroethene	ND	µg/L	1.0								
1,2-Dichloropropane	ND	µg/L	1.0								
1,3-Dichloropropane	ND	µg/L	1.0								

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: 5ml rb

MBLK

Batch ID: R35037

Analysis Date:

8/25/2009 3:41:55 PM

2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b3

MBLK

Batch ID: R35037

Analysis Date:

8/26/2009 4:17:57 AM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
 Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b3

MBLK

Batch ID: R35037 Analysis Date: 8/26/2009 4:17:57 AM

2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0
2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b3

MBLK

Batch ID: R35037

Analysis Date:

8/26/2009 4:17:57 AM

Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: b5

MBLK

Batch ID: R35037

Analysis Date:

8/26/2009 4:18:11 PM

Benzene	ND	µg/L	1.0
Toluene	ND	µg/L	1.0
Ethylbenzene	ND	µg/L	1.0
Methyl tert-butyl ether (MTBE)	ND	µg/L	1.0
1,2,4-Trimethylbenzene	ND	µg/L	1.0
1,3,5-Trimethylbenzene	ND	µg/L	1.0
1,2-Dichloroethane (EDC)	ND	µg/L	1.0
1,2-Dibromoethane (EDB)	ND	µg/L	1.0
Naphthalene	ND	µg/L	2.0
1-Methylnaphthalene	ND	µg/L	4.0
2-Methylnaphthalene	ND	µg/L	4.0
Acetone	ND	µg/L	10
Bromobenzene	ND	µg/L	1.0
Bromodichloromethane	ND	µg/L	1.0
Bromoform	ND	µg/L	1.0
Bromomethane	ND	µg/L	1.0
2-Butanone	ND	µg/L	10
Carbon disulfide	ND	µg/L	10
Carbon Tetrachloride	ND	µg/L	1.0
Chlorobenzene	ND	µg/L	1.0
Chloroethane	ND	µg/L	2.0
Chloroform	ND	µg/L	1.0
Chloromethane	ND	µg/L	1.0
2-Chlorotoluene	ND	µg/L	1.0
4-Chlorotoluene	ND	µg/L	1.0
cis-1,2-DCE	ND	µg/L	1.0
cis-1,3-Dichloropropene	ND	µg/L	1.0
1,2-Dibromo-3-chloropropane	ND	µg/L	2.0
Dibromochloromethane	ND	µg/L	1.0
Dibromomethane	ND	µg/L	1.0
1,2-Dichlorobenzene	ND	µg/L	1.0
1,3-Dichlorobenzene	ND	µg/L	1.0
1,4-Dichlorobenzene	ND	µg/L	1.0
Dichlorodifluoromethane	ND	µg/L	1.0
1,1-Dichloroethane	ND	µg/L	1.0
1,1-Dichloroethene	ND	µg/L	1.0
1,2-Dichloropropane	ND	µg/L	1.0
1,3-Dichloropropane	ND	µg/L	1.0

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services

Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
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Method: EPA Method 8260B: VOLATILES

Sample ID: b5

MBLK

Batch ID: R35037

Analysis Date:

8/26/2009 4:18:11 PM

2,2-Dichloropropane	ND	µg/L	2.0
1,1-Dichloropropene	ND	µg/L	1.0
Hexachlorobutadiene	ND	µg/L	1.0
2-Hexanone	ND	µg/L	10
Isopropylbenzene	ND	µg/L	1.0
4-Isopropyltoluene	ND	µg/L	1.0
4-Methyl-2-pentanone	ND	µg/L	10
Methylene Chloride	ND	µg/L	3.0
n-Butylbenzene	ND	µg/L	1.0
n-Propylbenzene	ND	µg/L	1.0
sec-Butylbenzene	ND	µg/L	1.0
Styrene	ND	µg/L	1.0
tert-Butylbenzene	ND	µg/L	1.0
1,1,1,2-Tetrachloroethane	ND	µg/L	1.0
1,1,2,2-Tetrachloroethane	ND	µg/L	2.0
Tetrachloroethene (PCE)	ND	µg/L	1.0
trans-1,2-DCE	ND	µg/L	1.0
trans-1,3-Dichloropropene	ND	µg/L	1.0
1,2,3-Trichlorobenzene	ND	µg/L	1.0
1,2,4-Trichlorobenzene	ND	µg/L	1.0
1,1,1-Trichloroethane	ND	µg/L	1.0
1,1,2-Trichloroethane	ND	µg/L	1.0
Trichloroethene (TCE)	ND	µg/L	1.0
Trichlorofluoromethane	ND	µg/L	1.0
1,2,3-Trichloropropane	ND	µg/L	2.0
Vinyl chloride	ND	µg/L	1.0
Xylenes, Total	ND	µg/L	1.5

Sample ID: 100ng lcs

LCS

Batch ID: R35037

Analysis Date:

8/25/2009 5:18:20 PM

Benzene	20.97	µg/L	1.0	20	0	105	76.7	114
Toluene	19.43	µg/L	1.0	20	0	97.1	78.4	117
Chlorobenzene	19.71	µg/L	1.0	20	0	98.6	80.7	127
1,1-Dichloroethene	21.37	µg/L	1.0	20	0	107	80.2	128
Trichloroethene (TCE)	19.15	µg/L	1.0	20	0	95.7	77.4	115

Sample ID: 100ng lcs_b

LCS

Batch ID: R35037

Analysis Date:

8/26/2009 5:15:16 AM

Benzene	20.14	µg/L	1.0	20	0	101	76.7	114
Toluene	19.26	µg/L	1.0	20	0	96.3	78.4	117
Chlorobenzene	19.24	µg/L	1.0	20	0	96.2	80.7	127
1,1-Dichloroethene	20.01	µg/L	1.0	20	0	100	80.2	128
Trichloroethene (TCE)	19.23	µg/L	1.0	20	0	96.2	77.4	115

Sample ID: 100ng lcs_c

LCS

Batch ID: R35037

Analysis Date:

8/26/2009 5:16:41 PM

Benzene	20.25	µg/L	1.0	20	0	101	76.7	114
Toluene	20.07	µg/L	1.0	20	0	100	78.4	117
Chlorobenzene	19.89	µg/L	1.0	20	0	99.5	80.7	127
1,1-Dichloroethene	19.86	µg/L	1.0	20	0	99.3	80.2	128

Qualifiers:

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

QA/QC SUMMARY REPORT

Client: Animas Environmental Services
Project: Thriftway Refinery

Work Order: 0908422

Analyte	Result	Units	PQL	SPK Va	SPK ref	%Rec	LowLimit	HighLimit	%RPD	RPDLimit	Qual
---------	--------	-------	-----	--------	---------	------	----------	-----------	------	----------	------

Method: EPA Method 8260B: VOLATILES

Sample ID: 100ng lcs_c		LCS									
Trichloroethene (TCE)	18.56	µg/L	1.0	20	0	92.8	77.4	115			
Sample ID: 0908422-13a MS		MS									
Benzene	20.11	µg/L	1.0	20	0	101	78.9	115			
Toluene	20.03	µg/L	1.0	20	0	100	80.5	105			
Chlorobenzene	19.13	µg/L	1.0	20	0	95.7	85	102			
1,1-Dichloroethene	19.61	µg/L	1.0	20	0	98.0	80.2	128			
Trichloroethene (TCE)	18.78	µg/L	1.0	20	0	93.9	70.3	125			

Qualifiers:

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

Hall Environmental Analysis Laboratory, Inc.

Sample Receipt Checklist

Client Name ANIMAS ENVIRONMENTAL

Date Received:

8/25/2009

Work Order Number 0908422

Received by: ARS

Checklist completed by:

Signature

[Handwritten Signature]

8/25/09
Date

Sample ID labels checked by:

Initials

[Handwritten Initials]

Matrix:

Carrier name: Greyhound

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

Number of preserved bottles checked for pH:

13

> 12 unless noted below.

Container/Temp Blank temperature? 3.9° <6° C Acceptable
If given sufficient time to cool.

COMMENTS:

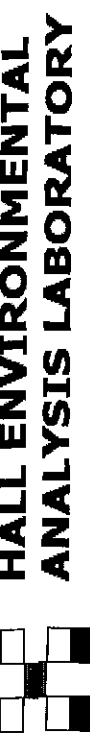
Client contacted _____ Date contacted: _____ Person contacted _____

Contacted by: _____ Regarding: _____

Comments: _____

Corrective Action _____

Chain-of-Custody Record



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: Animas Environmental
Services LLC

Mailing Address: 624 E. Comanche
Farmington, NM 87401

Phone #: 505 564 2281

email or Fax#:

QA/QC Package: Level 4 (Full Validation)

Standard Other

Accreditation: NELAP Other

EDD (Type):

Project Name: TRIPTYNY REFINERY

Project #: 810

Project Manager: Ross Kennermer

Sampler: MIKE BEAUPHILAND

Turn-Around Time: Standard Rush

Analysis Request

Analysis Request	TPH (Method 418.1)	EDB (Method 504.1)	8310 (PNA or PAH)	RCRA 8 Metals	Anions (F ⁻ , Cl ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	6610 Cations	Specific Conductance	Hardness (Ca/Mg)	TDS	Air Bubbles (Y or N)
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	
BTEX + MTBE + TMB's (8021)	X			X	X		X		X	X	X	X	

Remarks:
 Anions/Cations: calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate
 * #/capacity of containers is identical for each sample
 Direct Bulb to BioTech

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	Date	Time
8-21-09	0923	H ₂ O	TW-17	(1) 50 mL	HNO ₃	8/24/09	1530
	1001		TW-18	(5) 40 mL	HCl		
	1058		TW-23	(1) 40 mL			
	1157		TW-30				
	1319		TW-31				
	1401		TW-37				
	1453		TW-39				
8-24-09	0959		TW-41				
	1045		TW-42				
	1231		TW-43				
	1301		TW-44				
	1340		TW-35				
8-24-09	1530					8/25/09	9:30
8/24/09	1635						

Relinquished by: [Signature] Relinquished by: Subtract Water
 Received by: [Signature] Received by: Subtract Water

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

Chain-of-Custody Record

Client: Animus Environmental
SALCES LLC
 Mailing Address: 624 E Comanche
Farmington NM 87401
 Phone #: 505 564 2281
 email or Fax#: 505 324 2022

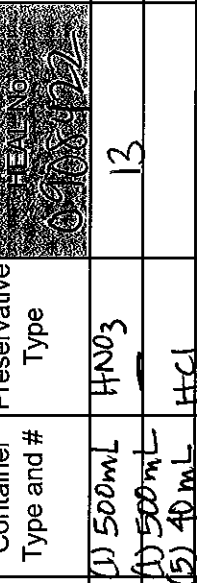
QA/QC Package:
 Standard Level 4 (Full Validation)
 Other _____
 EDD (Type) _____

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type
8-24-09	1409	H ₂ O	TN-34	(1) 500mL	HNO ₃
				(1) 500mL	
				(2) 40mL	HCl
				(1) 40mL	
				(2) 40mL	HCl

Date: 8-24-09 Time: 1530 Relinquished by: [Signature]
 Date: 8/24/09 Time: 1635 Relinquished by: Debrah Water

Turn-Around Time:
 Standard Rush
 Project Name: TERMINAL REFINERY
 Project #: 810

Project Manager:
Ross Kennermer
 Sampler: MIKE BEAUPREANT



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request	
BTEX + MTBE + TMB's (8021)	
BTEX + MTBE + TPH (Gas only)	X
TPH Method 8015B (Gas/Diesel)	X
TPH (Method 418.1)	
EDB (Method 504.1)	
8310 (PNA or PAH)	
RCA 8 Metals	X
Anions (F ⁻ , Cl ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ⁻ , SO ₄ ⁻)	X
8081 Pesticides / 8082 PCB's	X
8260B (VOA)	X
8270 (Semi-VOA)	
6010 Cations	X
Specific Conductance	X
Hardness (CaCO ₃)	X
TDS	X
Air Bubbles (Y or N)	

Remarks:
 Anions/cations: calcium, magnesium, potassium, sodium, bromide, chloride, fluoride, sulfate
 Direct BML to PitTech

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