APPENDIX B

FIELD NOTES AND LABORATORY ANALYTICAL RESULTS

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/ Facility Name) Arizona Street PROJECT NAME / NUMBER _____

Instrument Make/Model # U-20 (Horiba) SN-303046						Battery Check: Sat/Unsat (If Unsat, replace battery)		
Date/Time 11/30/04	Temp. (°C)	Electrical Conductivity (uMhos/ cm)	pH	ORP/ Eh (mv)	DO (mg/L or %)	Turbidity (NTU)	Guidance Remarks	Comments
List 1st Standard Comp. For Temp.							e.g., pH = 7.02 @ 25°C, KCL solution = 1000uMhos/ cm	
Instrument Reading	23.1	4.5	4.0	312	8.7	Ø	actual reading from instrument	Used Auto-cal solution @ PH 4
Δ in reading							difference between calibrated instrument display and standard after calibration entered	
Calibration Successful? (Y/N)	Y	Y	Y	Y	Y	Y	enter YES or NO	
Satisfies Protocol?							Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	PH	→				→	Signature or initials	[signature]
Physical Condition of Unit	good new							

DATE: 11/30/04
SITE: Arizona St.
WELL ID: AMW-6

MICROPURGE Sampling Data

SAMPLING TEAM MEMBERS: Paul Henry

Casing Diameter: 4"
Starting Water Level (feet): 113.79
Total Well Depth (feet): 138.55
Water Column (feet): 24.76
Bubbler Depth: N/A
Total Water Purged (gallons): 2

Purge Time Start: 1100
Purge Time Stop: 1125
Sampling Time Start: 1125
Ending Water Level (feet): 113.83
Pump Depth: N/A
Duplicate Sample Yes (No)

Stabilization Variance			±0.2 units	±3% µs/cm	±0.2 mg/L	±0.2°C	±20mv
TIME	VOLUME PURGED (gallons/liters)	WATER LEVEL	PH	CONDUCTIVITY	D. O.	TEMP.*	ORP
1110	1/2		6.2	2.6	0.6	22.8	-156
1115	1		6.2	2.6	0.5	22.9	-163
1120	1 1/2		6.2	2.6	0.4	22.9	-174
1125	2		6.2	2.6	0.5	22.8	-179

*Temperature is NOT a stabilization factor for Reddi-flo 2 pumps.

Purging Sampling Rates Refill @ A, Discharge @ C+1/2
PSI @ 100

Well Conditions: Water clear, no odor

Additional Comments:

Visitors:

Signatures:

ARIZONA STREET
Landfill Monitoring Well Field Data

Date: Jan. 20, 2005

BD - BR = DTW DTW - TCE = MSL

Well ID	Total Well Depth	Bubbler Depth (BD)	Bubbler Reading (BR)	Depth to Water (DTW)	Water Column Depth	Top of Casing Elevation (TCE)	Water Elevation (MSL)	Time Measured	Well Condition: Security Lock, Bolts, Cover	Well Condition: Notes
AMW-1	258'	241'				263.20				
AMW-2	280'	261'				277.58				
AMW-3	260'	226'				238.10				
AMW-4	140'					145.16				
AMW-5	252'	231'				245.81				
AMW-6	136.55	N/A	N/A	113.51			132.51	0933	OK	

Measuring Device & ID No.

Recorded by: Bert Sajivel

Signature: Bert Sajivel

FIELD CALIBRATION DOCUMENTATION FORM

LOCATION (Site/ Facility Name) Arizona St. PROJECT NAME / NUMBER AMW-6

Instrument Make/Model # Horiba U-20/30302a						Battery Check: Sat/Unsat (If Unsat, replace battery)		
Date/Time 1-20-05/0935	Temp. (°C)	Electrical Conductivity (uMhos/ cm)	pH	ORP/ Eh (mv)	DO (mg/L or %)	Turbidity (NTU)	Guidance Remarks	Comments
List 1st Standard Comp. For Temp.							e.g., pH = 7.02 @ 25°C, KCL solution = 1000uMhos/ cm	
Instrument Reading	17°C	4.5	4.0	262	9.5	—	actual reading from instrument	used PH-4 Auto Cal. Solution.
Δ in reading							difference between calibrated instrument display and standard after calibration entered	
Calibration Successful? (Y/N)	Y	Y	Y	Y	Y	Y	enter YES or NO	
Satisfies Protocol?							Did calibration meet criteria in the sampling protocol? (Y or N)	
Calibration by	BJ						Signature or Initials	
Physical Condition of Unit			Good					

1 ST

DATE: Jan. 20, 2005
SITE: Arizona St.
WELL ID: AMW-6-1

MICROPURGE Sampling Data

SAMPLING TEAM MEMBERS: B. Salinas

Casing Diameter: 4
Starting Water Level (feet): 113.51
Total Well Depth (feet): 138.55
Water Column (feet): 25.04
Bubbler Depth: N/A
Total Water Purged (gallons):

Purge Time Start: 0945
Purge Time Stop: 1013
Sampling Time Start: 1015
Ending Water Level (feet): 113.48
Pump Depth: —
Duplicate Sample (Yes) No
X-2

Stabilization Variance			± 0.2 units	±3% µ s/cm	± 0.2 mg/L	± 0.2 °C	±20mv
TIME	VOLUME PURGED (gallons/liters)	WATER LEVEL	PH	CONDUCTIVITY	D. O.	TEMP.*	ORP
0950	1	113.44	6.3	2.4	1.4	22	-57
0955	1 3/4	"	6.3	2.4	0.8	22	-54
1000	2 1/2	"	6.4	2.4	0.7	22	-60
1005	3 1/4	"	6.4	2.4	0.6	22	-65
1010	3 3/4	"	6.4	2.4	0.6	22	-69

*Temperature is NOT a stabilization factor for Reddi-flo 2 pumps.

Purging Sampling Rates: PSI set @ 110, Refill "C" / Discharge "C".
Water looks clear & odorless.

Well Conditions: OK * Collect 3 sets of Samples and labeled as AMW-6-1 8-3

Additional Comments: - Field blank taken 1 coolers. / Collect first set of VOC samples

Visitors:

Signatures: [signature]

2401

STANDARD Water Sampling Data

DATE: Jan. 20, 2005 WELL NO. AMW-6 ORG. NO.

PROJECT: Arizona St. SAMPLE ID: AMW-6-2

WATER LEVEL DATA:
Time: 1030
Depth to Water (DW): 113.48
Reference Point: TOC
Reference Elev: —
FEET H2O:
Calculation Below

PURGE INFORMATION:
Purging Method: Pump
1 Bore Volume= — gal.
1.5 Bore Volume= 46 gal.
*Post Purge (.5 BV) gal.
Total Purge 46 gal.
Actual Purge 46 gal.

SAMPLING INFORMATION:
Time Sample Collected: 1115
Sampling Method: Grab
Container Type(s): VOA
Water Depth @ Sampling 113.52 ft.

WELL SPECIFICATIONS:
Sample Preservatives: HCL
Borehole Diameter: 10
Casing Diameter: 4
Total Well Depth: 138.55

PURGE EQUIPMENT:
Pump Type: Redi flo-2
Dedicated: N/A
Bailer:
Other: N/A

SAMPLE EQUIPMENT:
Pump Type: Redi flo-2
Bailer:
Dedicated: N/A
Other: N/A

INSTRUMENTS:
Water Level Meter Type: KECK #508
Turbidity Meter Type: Hach 2100
ORP Meter Type:
Cond. Meter Type: Horiba U-20
D.O. Meter Type:
SAL Meter Type:

TIME (24hr)	1044	1100	1115	
VOLUME PURGED (gal.)	15	30	46	
~~WATER DEPTH~~ pH	6.4	6.3	6.3	
TEMPERATURE (°F/°C)	25°C	26	26	
SPECIFIC COND. (mS/cm)	2.4	2.4	2.4	
SALINITY (ug/L)	0.1	0.1	0.1	
TDS (ug/L)	1.6	1.6	1.6	
Dissolved Oxygen (D.O.)	2.5	1.1	1.0	
ORP (MV)	-5	-72	-74	
TURBIDITY (ntu)	OR	←	←	
WATER DESCRIPTION (color, odor)	Cloudy w/fines	Clear/odorless	clear/odorless	

Information:

WELL BOREHOLE VOLUME CALCULATION TABLE

Casing Diameter	Borehole Diameter	Volume BV Multiplier
2	8"	0.8
2	10"	1.1
4	8"	1.1
4	10"	1.5
4	12"	2.0
6	10"	2.1
6	12"	2.5

FAST CHARGING PROTOCOL
<80% Recovery in 2 hours>

1. Purge 1 BV (take measurements and record below.
2. Purge an additional ½ BV and record measurements below. If measurements stabilized then to Step 3. If not continue purging ½ Bvs and taking measurements until 3BVs are removed or measurements stabilized. Calculate maximum drawdown. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

SLOW RECHARGING PROTOCOL

1. Purge 1 BV record measurements
2. Allow 2 hours for recovery, note depth.
3. Collect samples.

* *Not Required At Miramar Sites*

City Staff On Site:
Signature: [signature]

City of San Diego
ESD Refuse Disposal Division
Landfill Gas and Groundwater Monitoring Program

EMS Document Control No. RDD-F-GW-02; Revision 2
Effective Date: March 11, 2004

Purged @ 2.62 hr, Flow @ 1 gpm.

3 of 1

STANDARD Water Sampling Data

DATE: Jan. 20, 2005 WELL NO. AMW-6 ORG. NO.

PROJECT: Arizona St. SAMPLE ID: AMW-6-3

WATER LEVEL DATA:
Time: 1115
Depth to Water (DW): 113.52
Reference Point: TOC
Reference Elev:
FEET H2O:
Calculation Below

PURGE INFORMATION:
Purging Method: Pump
1 Bore Volume= gal.
1.5 Bore Volume= 93 gal.
*Post Purge (.5 BV) gal.
Total Purge 93 gal.
Actual Purge 93 gal.

SAMPLING INFORMATION:
Time Sample Collected: 1200
Sampling Method: Grab
Container Type(s): VOA
Water Depth @ Sampling 113.56 ft.

WELL SPECIFICATIONS:
Sample Preservatives: HCL
Borehole Diameter: 10
Casing Diameter: 4
Total Well Depth: 138.55

PURGE EQUIPMENT:
Pump Type: Redi flo-2
Dedicated: No
Bailer:
Other: N/A

SAMPLE EQUIPMENT:
Pump Type: Redi flo-2
Bailer: No
Dedicated: N/A
Other:

INSTRUMENTS:
Water Level Meter Type: Keck #556
Turbidity Meter Type: Horiba U-20
ORP Meter Type: " "
Cond. Meter Type: Horiba U-20
D.O. Meter Type:
SAL Meter Type:

TIME (24hr)	1130	1145	1200	
VOLUME PURGED (gal.)	60	75	93	
~~WATER DEPTH~~ PH	6.3	6.3	6.3	
TEMPERATURE (°F/°C)	26	25	25	
SPECIFIC COND. (mS/cm)	2.4	2.4	2.4	
SALINITY (ug/L)	0.1	0.1	0.1	
TDS (ug/L)	1.6	1.6	1.6	
Dissolved Oxygen (D.O.)	0.8	0.7	0.6	
ORP (MV)	-77	-81	-87	
TURBIDITY (ntu)	6	6	6	
WATER DESCRIPTION (color, odor)	clear odorless	clear	clear	

Information:

WELL BOREHOLE VOLUME CALCULATION TABLE

Casing Diameter	Borehole Diameter	Volume BV Multiplier
2	8"	0.8
2	10"	1.1
4	8"	1.1
4	10"	1.5
4	12"	2.0
6	10"	2.1
6	12"	2.5

FAST CHARGING PROTOCOL
<80% Recovery in 2 hours>

1. Purge 1 BV take measurements and record below.
2. Purge an additional ½ BV and record measurements below. If measurements stabilized then to Step 3. If not continue purging ½ BVs and taking measurements until 3BVs are removed or measurements stabilized. Calculate maximum drawdown. Calculate maximum drawdown.
3. Allow 80% recovery (PR), note depth.
4. Collect samples.

SLOW RECHARGING PROTOCOL

1. Purge 1 BV record measurements
2. Allow 2 hours for recovery, note depth.
3. Collect samples.

* *Not Required At Miramar Sites*

City Staff On Site:
Signature:

LOG

DATE: 12/14/04	
SHEET 1 OF 1	

FIELD ACTIVITY LOG

Project Name: Arizona Street EMP Project No:

Field Activity: Gas Sampler.

Description of Activities and Events:

9:10 at Arizona Probe 11 deep AMW-5
Gem 500 4 minutes 13.7% CH 20.9 CO_2 0.2 O_2 65.7 N_2

9:27 at 3.7% CH_4 10.5% CO_2 9.8 O_2 76.2 N_2
Arizona AMW-6.

9:42 at
Arizona AMW-4 0% CH_4 0.1% CO_2 20.4 O_2 79.6 N_2.

10:00 at
Arizona Probe 7 AMW-2 0.1 CH_4 14.6% CO_2 5.2 O_2 80.1 N_2

10:10 at
Arizona Probe 15 AMW-1 1.3% CH_4 18.7% CO_2 0.3% O_2 79.4 N_2

10:20
Arizona GW-8D AMW-3 6.9% CH_4 15.9 CO_2 7.9 O_2 70.2 N_2

Visitors on Site:	Special Instruction/Changes:
Weather Condition Clear, Cool	Other:

City Staff on Site: Humphrey, Morton

Signature: George R. Morton Jr

EnviroMatrix Analytical, Inc.

08 December 2004

City of San Diego
Attn: George Morton
9601 Ridgehaven Court, Ste 310
San Diego, California 92123

EMA Log #: 0411376

Project Name: Arizona St.

Enclosed are the results of analyses for samples received by the laboratory on 11/30/04 16:56. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A • San Diego, California 92123 • (858) 560-7717 • Fax (858) 560-7763
Analytical Chemistry Laboratory

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Metals (Dissolved) by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-1 (0411376-01) Grnd-Water	**Sampled: 11/30/04 14:45**		**Received: 11/30/04 16:56**							
Calcium	92.2	5.00	20.0	mg/l	1	4120224	12/02/04	12/02/04	EPA 6010	
Magnesium	157	5.00	10.0	"	"	"	"	"	"	
Sodium	850	5.00	5.00	"	"	"	"	"	"	
AMW-2 (0411376-02) Grnd-Water	**Sampled: 11/30/04 13:55**		**Received: 11/30/04 16:56**							
Calcium	66.2	5.00	20.0	mg/l	1	4120224	12/02/04	12/02/04	EPA 6010	
Magnesium	55.2	5.00	10.0	"	"	"	"	"	"	
Sodium	345	5.00	5.00	"	"	"	"	"	"	
AMW-3 (0411376-03) Grnd-Water	**Sampled: 11/30/04 13:20**		**Received: 11/30/04 16:56**							
Calcium	40.4	5.00	20.0	mg/l	1	4120224	12/02/04	12/02/04	EPA 6010	
Magnesium	21.3	5.00	10.0	"	"	"	"	"	"	
Sodium	116	5.00	5.00	"	"	"	"	"	"	
AMW-4 (0411376-04) Grnd-Water	**Sampled: 11/30/04 10:55**		**Received: 11/30/04 16:56**							
Calcium	104	5.00	20.0	mg/l	1	4120224	12/02/04	12/02/04	EPA 6010	
Magnesium	16.9	5.00	10.0	"	"	"	"	"	"	
Sodium	92.3	5.00	5.00	"	"	"	"	"	"	
AMW-5 (0411376-05) Grnd-Water	**Sampled: 11/30/04 12:30**		**Received: 11/30/04 16:56**							
Calcium	61.4	5.00	20.0	mg/l	1	4120224	12/02/04	12/02/04	EPA 6010	
Magnesium	46.3	5.00	10.0	"	"	"	"	"	"	
Sodium	190	5.00	5.00	"	"	"	"	"	"	
AMW-6 (0411376-06) Grnd-Water	**Sampled: 11/30/04 11:25**		**Received: 11/30/04 16:56**							
Calcium	238	5.00	20.0	mg/l	1	4120224	12/02/04	12/02/04	EPA 6010	
Magnesium	26.9	5.00	10.0	"	"	"	"	"	"	
Sodium	253	5.00	5.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-4 (0411376-04) Grnd-Water	**Sampled: 11/30/04 10:55**	**Received: 11/30/04 16:56**								
Bicarbonate Alkalinity	330	5	5	mg CaCO3/L	1	4120112	12/01/04	12/01/04	SM2320B	
Chloride	126	0.05	0.05	mg/l	"	4120110	12/01/04	12/01/04	SM4500 Cl C	
Nitrate as N	0.13	0.009	0.05	"	"	4120121	12/01/04	12/01/04	SM4500 NO3 E	
pH	6.69	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Total Dissolved Solids	611	1	20	mg/l	"	4120111	12/01/04	12/03/04	SM2540 C	
Sulfate as SO4	44.7	2.0	10.0	"	2	4120137	12/01/04	12/02/04	SM4500 SO4 E	
Total Organic Carbon	3.81	0.40	1.00	"	1	4120139	12/01/04	12/01/04	EPA 415.1	
AMW-5 (0411376-05) Grnd-Water	**Sampled: 11/30/04 12:30**	**Received: 11/30/04 16:56**								
Bicarbonate Alkalinity	287	5	5	mg CaCO3/L	1	4120112	12/01/04	12/01/04	SM2320B	
Chloride	350	0.05	0.05	mg/l	"	4120110	12/01/04	12/01/04	SM4500 Cl C	
Nitrate as N	ND	0.009	0.05	"	"	4120121	12/01/04	12/01/04	SM4500 NO3 E	
pH	6.17	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Total Dissolved Solids	870	1	20	mg/l	"	4120111	12/01/04	12/03/04	SM2540 C	
Sulfate as SO4	39.9	2.0	10.0	"	2	4120137	12/01/04	12/02/04	SM4500 SO4 E	
Total Organic Carbon	13.2	0.40	1.00	"	1	4120139	12/01/04	12/01/04	EPA 415.1	
AMW-6 (0411376-06) Grnd-Water	**Sampled: 11/30/04 11:25**	**Received: 11/30/04 16:56**								
Bicarbonate Alkalinity	730	5	5	mg CaCO3/L	1	4120112	12/01/04	12/01/04	SM2320B	
Chloride	260	0.05	0.05	mg/l	"	4120110	12/01/04	12/01/04	SM4500 Cl C	
Nitrate as N	ND	0.009	0.05	"	"	4120121	12/01/04	12/01/04	SM4500 NO3 E	
pH	6.35	0.01	0.10	pH Units	"	4120105	11/30/04	11/30/04	EPA 150.1	
Total Dissolved Solids	1410	1	20	mg/l	"	4120111	12/01/04	12/03/04	SM2540 C	
Sulfate as SO4	190	10.0	50.0	"	10	4120137	12/01/04	12/02/04	SM4500 SO4 E	
Total Organic Carbon	13.8	0.40	1.00	"	1	4120139	12/01/04	12/01/04	EPA 415.1	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6 (0411376-06) Grud-Water	Sampled: 11/30/04 11:15		Received: 11/30/04 16:56							
Acetone	ND	7.46	25.0	ug/l	1	4120104	12/01/04	12/01/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	**1.67**	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.53	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**7.41**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**0.95**	0.29	1.00	"	"	"	"	"	"	J
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**11.6**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.78**	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6 (0411376-06) Grnd-Water Sampled: 11/30/04 11:25 Received: 11/30/04 16:56										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120104	12/01/04	12/01/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	**29.3**	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	**17.8**	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	**17.4**	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	**1.84**	0.38	2.00	"	"	"	"	"	"	J
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*103 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*113 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*80-120*			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Field Blank (0411376-07) Water Sampled: 11/30/04 00:00 Received: 11/30/04 16:56										
Acetone	ND	7.46	25.0	ug/l	1	4120104	12/01/04	12/01/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Field Blank (0411376-07) Water	**Sampled: 11/30/04 00:00**		**Received: 11/30/04 16:56**							
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120104	12/01/04	12/01/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*108 %*	*80-120*			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0411376-08) Water Sampled: 11/30/04 00:00 Received: 11/30/04 16:56										
Acetone	ND	7.46	25.0	ug/l	1	4120104	12/01/04	12/01/04	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0411376-08) Water Sampled: 11/30/04 00:00 Received: 11/30/04 16:56										
Hexachloroethane	ND	0.25	1.00	ug/l	1	4120104	12/01/04	12/01/04	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*107 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Metals (Dissolved) by EPA 6000/7000 Series Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120224											
Blank (4120224-BLK1)					Prepared & Analyzed: 12/02/04						
Calcium	ND	5.00	20.0	mg/l							
Magnesium	ND	5.00	10.0	"							
Sodium	ND	5.00	5.00	"							
LCS (4120224-BS1)					Prepared & Analyzed: 12/02/04						
Calcium	62.2	5.00	20.0	mg/l	60.0		104	75-125			
Magnesium	20.5	5.00	10.0	"	20.0		102	75-125			
Sodium	66.0	5.00	5.00	"	60.0		110	75-125			
LCS Dup (4120224-BSD1)					Prepared & Analyzed: 12/02/04						
Calcium	62.5	5.00	20.0	mg/l	60.0		104	75-125	0.5	20	
Magnesium	20.6	5.00	10.0	"	20.0		103	75-125	0.5	20	
Sodium	65.6	5.00	5.00	"	60.0		109	75-125	0.6	20	
Duplicate (4120224-DUP1)		Source: 0411376-01			Prepared & Analyzed: 12/02/04						
Calcium	90.3	5.00	20.0	mg/l		92.2			2	20	
Magnesium	154	5.00	10.0	"		157			2	20	
Sodium	833	5.00	5.00	"		850			2	20	
Matrix Spike (4120224-MS1)		Source: 0411376-01			Prepared & Analyzed: 12/02/04						
Calcium	146	5.00	20.0	mg/l	60.0	92.2	90	75-125			
Magnesium	167	5.00	10.0	"	20.0	157	50	75-125			QM-01
Sodium	843	5.00	5.00	"	60.0	850	NR	75-125			QM-02
Matrix Spike Dup (4120224-MSD1)		Source: 0411376-01			Prepared & Analyzed: 12/02/04						
Calcium	146	5.00	20.0	mg/l	60.0	92.2	90	75-125	0	20	
Magnesium	168	5.00	10.0	"	20.0	157	55	75-125	0.6	20	QM-01
Sodium	860	5.00	5.00	"	60.0	850	17	75-125	2	20	QM-02

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120104											
Blank (4120104-BLK1)					Prepared & Analyzed: 12/01/04						
Acetone	ND	7.46	25.0	ug/l							
Acetonitrile	ND	16.9	50.0	"							
Acrolein	ND	15.4	100	"							
Acrylonitrile	ND	0.66	10.0	"							
Allyl chloride	ND	0.29	1.00	"							
Benzene	ND	0.28	1.00	"							
Bromobenzene	ND	0.50	1.00	"							
Bromochloromethane	ND	0.41	1.00	"							
Bromodichloromethane	ND	0.33	1.00	"							
Bromoform	ND	0.30	1.00	"							
Bromomethane	ND	0.73	2.00	"							
2-Butanone	ND	5.25	25.0	"							
Carbon disulfide	ND	0.31	1.00	"							
Carbon tetrachloride	ND	0.71	2.00	"							
Chlorobenzene	ND	0.24	1.00	"							
Chlorodibromomethane	ND	0.27	1.00	"							
Chloroethane	ND	0.35	2.00	"							
Chloroform	ND	0.36	1.00	"							
Chloromethane	ND	0.38	2.00	"							
Chloroprene	ND	0.23	1.00	"							
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"							
Dibromomethane	ND	0.42	1.00	"							
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"							
1,2-Dichlorobenzene	ND	0.20	1.00	"							
1,3-Dichlorobenzene	ND	0.24	1.00	"							
1,4-Dichlorobenzene	ND	0.21	1.00	"							
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"							
Dichlorodifluoromethane	ND	0.79	2.00	"							
1,1-Dichloroethane	ND	0.29	1.00	"							
1,2-Dichloroethane	ND	0.28	1.00	"							
1,1-Dichloroethene	ND	0.24	1.00	"							
cis-1,2-Dichloroethene	ND	0.26	1.00	"							
trans-1,2-Dichloroethene	ND	0.21	1.00	"							
1,2-Dichloropropane	ND	0.28	1.00	"							
1,3-Dichloropropane	ND	0.53	1.00	"							
2,2-Dichloropropane	ND	0.35	1.00	"							
cis-1,3-Dichloropropene	ND	0.42	1.00	"							
trans-1,3-Dichloropropene	ND	0.42	1.00	"							

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120104											
Blank (4120104-BLK1)					Prepared & Analyzed: 12/01/04						
Diethyl ether	ND	0.33	2.00	ug/l							
Ethylbenzene	ND	0.18	1.00	"							
Ethyl methacrylate	ND	0.78	5.00	"							
Hexachlorobutadiene	ND	0.34	1.00	"							
Hexachloroethane	ND	0.25	1.00	"							
2-Hexanone	ND	0.51	5.00	"							
Iodomethane	ND	0.29	1.00	"							
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"							
Methacrylonitrile	ND	0.92	10.0	"							
Methylene chloride	ND	0.35	5.00	"							
Methyl tert-butyl ether	ND	0.47	1.00	"							
4-Methyl-2-pentanone	ND	0.58	25.0	"							
Naphthalene	ND	0.25	2.00	"							
2-Nitropropane	ND	1.36	5.00	"							
n-Propylbenzene	ND	0.24	1.00	"							
Propionitrile	ND	34.9	100	"							
Styrene	ND	0.20	1.00	"							
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"							
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"							
Tetrachloroethene	ND	0.30	1.00	"							
Toluene	ND	0.55	1.00	"							
1,2,4-Trichlorobenzene	ND	0.37	1.00	"							
1,1,1-Trichloroethane	ND	0.40	2.00	"							
1,1,2-Trichloroethane	ND	0.38	1.00	"							
Trichloroethene	ND	0.23	1.00	"							
Trichlorofluoromethane	ND	0.55	2.00	"							
1,2,3-Trichloropropane	ND	0.26	2.00	"							
1,2,4-Trimethylbenzene	ND	0.19	1.00	"							
1,3,5-Trimethylbenzene	ND	0.20	1.00	"							
Vinyl chloride	ND	0.38	2.00	"							
m,p-Xylene	ND	0.51	2.00	"							
o-Xylene	ND	0.25	1.00	"							
Surrogate: Dibromofluoromethane	*50.6*			"	*50.0*		*101*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*54.1*			"	*50.0*		*108*	*80-135*			
Surrogate: Toluene-d8	*51.3*			"	*50.0*		*103*	*80-120*			

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120104											
LCS (4120104-BS1)					Prepared & Analyzed: 12/01/04						
Benzene	48.3	0.28	1.00	ug/l	50.0		97	68-123			
Chlorobenzene	50.2	0.24	1.00	"	50.0		100	72-114			
1,1-Dichloroethene	49.7	0.24	1.00	"	50.0		99	60-127			
Toluene	47.4	0.55	1.00	"	50.0		95	70-119			
Trichloroethene	52.8	0.23	1.00	"	50.0		106	73-113			
Surrogate: Dibromofluoromethane	*48.4*			"	*50.0*		*97*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*47.5*			"	*50.0*		*95*	*80-135*			
Surrogate: Toluene-d8	*47.9*			"	*50.0*		*96*	*80-120*			
Duplicate (4120104-DUP1)			Source: 0411376-02		Prepared & Analyzed: 12/01/04						
Acetone	ND	7.46	25.0	ug/l		ND				30	
Acetonitrile	ND	16.9	50.0	"		ND				30	
Acrolein	ND	15.4	100	"		ND				30	
Acrylonitrile	ND	0.66	10.0	"		ND				30	
Allyl chloride	ND	0.29	1.00	"		ND				30	
Benzene	ND	0.28	1.00	"		ND				30	
Bromobenzene	ND	0.50	1.00	"		ND				30	
Bromochloromethane	ND	0.41	1.00	"		ND				30	
Bromodichloromethane	ND	0.33	1.00	"		ND				30	
Bromoform	ND	0.30	1.00	"		ND				30	
Bromomethane	ND	0.73	2.00	"		ND				30	
2-Butanone	ND	5.25	25.0	"		ND				30	
Carbon disulfide	ND	0.31	1.00	"		ND				30	
Carbon tetrachloride	ND	0.71	2.00	"		ND				30	
Chlorobenzene	ND	0.24	1.00	"		ND				30	
Chlorodibromomethane	ND	0.27	1.00	"		ND				30	
Chloroethane	ND	0.35	2.00	"		ND				30	
Chloroform	ND	0.36	1.00	"		ND				30	
Chloromethane	ND	0.38	2.00	"		ND				30	
Chloroprene	ND	0.23	1.00	"		ND				30	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"		ND				30	
Dibromomethane	ND	0.42	1.00	"		ND				30	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"		ND				30	
1,2-Dichlorobenzene	ND	0.20	1.00	"		ND				30	
1,3-Dichlorobenzene	ND	0.24	1.00	"		ND				30	
1,4-Dichlorobenzene	ND	0.21	1.00	"		ND				30	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"		ND				30	
Dichlorodifluoromethane	ND	0.79	2.00	"		1.29				30	
1,1-Dichloroethane	ND	0.29	1.00	"		ND				30	

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120104											
Duplicate (4120104-DUP1)			Source: 0411376-02		Prepared & Analyzed: 12/01/04						
1,2-Dichloroethane	ND	0.28	1.00	ug/l		ND				30	
1,1-Dichloroethene	ND	0.24	1.00	"		ND				30	
cis-1,2-Dichloroethene	ND	0.26	1.00	"		ND				30	
trans-1,2-Dichloroethene	ND	0.21	1.00	"		ND				30	
1,2-Dichloropropane	ND	0.28	1.00	"		ND				30	
1,3-Dichloropropane	ND	0.53	1.00	"		ND				30	
2,2-Dichloropropane	ND	0.35	1.00	"		ND				30	
cis-1,3-Dichloropropene	ND	0.42	1.00	"		ND				30	
trans-1,3-Dichloropropene	ND	0.42	1.00	"		ND				30	
Diethyl ether	ND	0.33	2.00	"		ND				30	
Ethylbenzene	ND	0.18	1.00	"		ND				30	
Ethyl methacrylate	ND	0.78	5.00	"		ND				30	
Hexachlorobutadiene	ND	0.34	1.00	"		ND				30	
Hexachloroethane	ND	0.25	1.00	"		ND				30	
2-Hexanone	ND	0.51	5.00	"		ND				30	
Iodomethane	ND	0.29	1.00	"		ND				30	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"		ND				30	
Methacrylonitrile	ND	0.92	10.0	"		ND				30	
Methylene chloride	ND	0.35	5.00	"		ND				30	
Methyl tert-butyl ether	ND	0.47	1.00	"		ND				30	
4-Methyl-2-pentanone	ND	0.58	25.0	"		ND				30	
Naphthalene	ND	0.25	2.00	"		ND				30	
2-Nitropropane	ND	1.36	5.00	"		ND				30	
n-Propylbenzene	ND	0.24	1.00	"		ND				30	
Propionitrile	ND	34.9	100	"		ND				30	
Styrene	ND	0.20	1.00	"		ND				30	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"		ND				30	
Tetrachloroethene	1.84	0.30	1.00	"		2.05			11	30	
Toluene	ND	0.55	1.00	"		ND				30	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"		ND				30	
1,1,1-Trichloroethane	ND	0.40	2.00	"		ND				30	
1,1,2-Trichloroethane	ND	0.38	1.00	"		ND				30	
Trichloroethene	1.30	0.23	1.00	"		1.34			3	30	
Trichlorofluoromethane	ND	0.55	2.00	"		ND				30	
1,2,3-Trichloropropane	ND	0.26	2.00	"		ND				30	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"		ND				30	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"		ND				30	

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120104											
Duplicate (4120104-DUP1)			Source: 0411376-02		Prepared & Analyzed: 12/01/04						
Vinyl chloride	ND	0.38	2.00	ug/l		ND				30	
m,p-Xylene	ND	0.51	2.00	"		ND				30	
o-Xylene	ND	0.25	1.00	"		ND				30	
Surrogate: Dibromofluoromethane	*51.9*			"	*50.0*		*104*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*57.0*			"	*50.0*		*114*	*80-135*			
Surrogate: Toluene-d8	*52.8*			"	*50.0*		*106*	*80-120*			
Matrix Spike (4120104-MS1)			Source: 0411376-06		Prepared & Analyzed: 12/01/04						
Benzene	48.0	0.28	1.00	ug/l	50.0	1.67	93	70-128			
Chlorobenzene	47.9	0.24	1.00	"	50.0	ND	96	74-119			
1,1-Dichloroethene	52.9	0.24	1.00	"	50.0	ND	106	60-133			
Toluene	52.3	0.55	1.00	"	50.0	ND	105	72-125			
Trichloroethene	66.5	0.23	1.00	"	50.0	17.4	98	73-119			
Surrogate: Dibromofluoromethane	*52.8*			"	*50.0*		*106*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*58.4*			"	*50.0*		*117*	*80-135*			
Surrogate: Toluene-d8	*54.2*			"	*50.0*		*108*	*80-120*			
Matrix Spike Dup (4120104-MSD1)			Source: 0411376-06		Prepared & Analyzed: 12/01/04						
Benzene	48.6	0.28	1.00	ug/l	50.0	1.67	94	70-128	1	30	
Chlorobenzene	47.7	0.24	1.00	"	50.0	ND	95	74-119	0.4	30	
1,1-Dichloroethene	51.6	0.24	1.00	"	50.0	ND	103	60-133	2	30	
Toluene	50.0	0.55	1.00	"	50.0	ND	100	72-125	4	30	
Trichloroethene	64.5	0.23	1.00	"	50.0	17.4	94	73-119	3	30	
Surrogate: Dibromofluoromethane	*51.5*			"	*50.0*		*103*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*56.8*			"	*50.0*		*114*	*80-135*			
Surrogate: Toluene-d8	*51.8*			"	*50.0*		*104*	*80-120*			

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120105											
Duplicate (4120105-DUP1)			Source: 0411375-01		Prepared & Analyzed: 11/30/04						
pH	10.5	0.01	0.10	pH Units		10.5			0	20	
Reference (4120105-SRM1)					Prepared & Analyzed: 11/30/04						
pH	8.85	0.01	0.10	pH Units	9.10		97	97-103			
Batch 4120110											
Blank (4120110-BLK1)					Prepared & Analyzed: 12/01/04						
Chloride	ND	0.05	0.05	mg/l							
LCS (4120110-BS1)					Prepared & Analyzed: 12/01/04						
Chloride	192	0.05	0.05	mg/l	200		96	80-120			
LCS Dup (4120110-BSD1)					Prepared & Analyzed: 12/01/04						
Chloride	200	0.05	0.05	mg/l	200		100	80-120	4	20	
Duplicate (4120110-DUP1)			Source: 0411376-01		Prepared & Analyzed: 12/01/04						
Chloride	1620	0.05	0.05	mg/l		1620			0	20	
Matrix Spike (4120110-MS1)			Source: 0411376-02		Prepared & Analyzed: 12/01/04						
Chloride	680	0.05	0.05	mg/l	200	470	105	80-120			
Matrix Spike Dup (4120110-MSD1)			Source: 0411376-02		Prepared & Analyzed: 12/01/04						
Chloride	678	0.05	0.05	mg/l	200	470	104	80-120	0.3	20	
Batch 4120111											
Duplicate (4120111-DUP1)			Source: 0411377-04		Prepared: 12/01/04 Analyzed: 12/03/04						
Total Dissolved Solids	49700	1	20	mg/l		48600			2	20	

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120111											
Reference (4120111-SRM1)					Prepared: 12/01/04 Analyzed: 12/03/04						
Total Dissolved Solids	252	1	20	mg/l	286		88	86-114			
Batch 4120112											
Duplicate (4120112-DUP1)			Source: 0411376-03		Prepared & Analyzed: 12/01/04						
Bicarbonate Alkalinity	240	5	5	mg CaCO3/L		242			0.8	20	
Reference (4120112-SRM1)					Prepared & Analyzed: 12/01/04						
Bicarbonate Alkalinity	53	5	5	mg CaCO3/L	50.5		105	91-109			
Batch 4120121											
Blank (4120121-BLK1)					Prepared & Analyzed: 12/01/04						
Nitrate as N	ND	0.009	0.05	mg/l							
LCS (4120121-BS1)					Prepared & Analyzed: 12/01/04						
Nitrate as N	0.45	0.009	0.05	mg/l	0.500		90	80-120			
LCS Dup (4120121-BSD1)					Prepared & Analyzed: 12/01/04						
Nitrate as N	0.41	0.009	0.05	mg/l	0.500		82	80-120	9	20	
Duplicate (4120121-DUP1)			Source: 0411377-09		Prepared & Analyzed: 12/01/04						
Nitrate as N	0.01	0.009	0.05	mg/l		0.009			11	20	J
Matrix Spike (4120121-MS1)			Source: 0411377-10		Prepared & Analyzed: 12/01/04						
Nitrate as N	0.59	0.009	0.05	mg/l	0.500	ND	118	80-120			

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120121											
Matrix Spike Dup (4120121-MSD1)			Source: 0411377-10		Prepared & Analyzed: 12/01/04						
Nitrate as N	0.59	0.009	0.05	mg/l	0.500	ND	118	80-120	0	20	
Reference (4120121-SRM1)					Prepared & Analyzed: 12/01/04						
Nitrate as N	6.53	0.09	0.50	mg/l	6.49		101	0-200			
Batch 4120137											
Blank (4120137-BLK1)					Prepared: 12/01/04 Analyzed: 12/02/04						
Sulfate as SO4	ND	1.0	5.0	mg/l							
LCS (4120137-BS1)					Prepared: 12/01/04 Analyzed: 12/02/04						
Sulfate as SO4	8.8	1.0	5.0	mg/l	10.0		88	80-120			
LCS Dup (4120137-BSD1)					Prepared: 12/01/04 Analyzed: 12/02/04						
Sulfate as SO4	9.0	1.0	5.0	mg/l	10.0		90	80-120	2	20	
Duplicate (4120137-DUP1)			Source: 0411376-01		Prepared: 12/01/04 Analyzed: 12/02/04						
Sulfate as SO4	421	25.0	125	mg/l		412			2	20	
Matrix Spike (4120137-MS1)			Source: 0411376-01		Prepared: 12/01/04 Analyzed: 12/02/04						
Sulfate as SO4	677	25.0	125	mg/l	250	412	106	80-120			
Matrix Spike Dup (4120137-MSD1)			Source: 0411376-01		Prepared: 12/01/04 Analyzed: 12/02/04						
Sulfate as SO4	667	25.0	125	mg/l	250	412	102	80-120	1	20	
Batch 4120139											
Blank (4120139-BLK1)					Prepared & Analyzed: 12/01/04						
Total Organic Carbon	ND	0.40	1.00	mg/l							

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Client Name: City of San Diego
Project Name: Arizona St.

EMA Log #: 0411376

Conventional Chemistry Parameters by Standard/EPA Methods - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4120139											
LCS (4120139-BS1)					Prepared & Analyzed: 12/01/04						
Total Organic Carbon	23.9	0.40	1.00	mg/l	25.0		96	80-120			
LCS Dup (4120139-BSD1)					Prepared & Analyzed: 12/01/04						
Total Organic Carbon	22.8	0.40	1.00	mg/l	25.0		91	80-120	5	20	
Duplicate (4120139-DUP1)			Source: 0411376-01		Prepared & Analyzed: 12/01/04						
Total Organic Carbon	3.80	0.40	1.00	mg/l		3.00			24	20	QR-06
Matrix Spike (4120139-MS1)			Source: 0411376-01		Prepared & Analyzed: 12/01/04						
Total Organic Carbon	13.1	0.40	1.00	mg/l	12.5	3.00	81	80-120			
Matrix Spike Dup (4120139-MSD1)			Source: 0411376-01		Prepared & Analyzed: 12/01/04						
Total Organic Carbon	13.8	0.40	1.00	mg/l	12.5	3.00	86	80-120	5	20	

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Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QM-01	The spike recovery for this QC sample is outside of established control limits due to sample matrix interference.
QM-02	The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte present in the sample.
QR-06	The RPD value was exceeded due to the sample concentration being less than 10 times the reporting limit. The QC batch was accepted based on the LCS or QCS results.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method detection limit (indicated per client's request)

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12/10/2004 10:09 City of SD Refuse Disposal Div. → 9451087 NO.682 P034

CHAIN-OF-CUSTODY RECORD

EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-7763

EMA LOG #: 0411376

EMA DATE/TIME STAMP

Client: City of San Diego
Address: Mail Recovery Gas Station
San Diego CA 92123
Attn: George Mattson Phone: [illegible]
Sampled by: [illegible] Fax:
Billing Address:
Project: Ambient Air PO #:

REQUESTED ANALYSIS

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	418.1 (TRPH)	Oil & Grease 413.1 ___ 413.2 ___ 1664 ___	TPH (8015B) Gas ___ Diesel ___	TPH-Extended 8015B ___ ASTM D2887 ___	602 / 8021 BTXE ___ MTBE ___	601 / 8021 (Purgeable Halocarbons)	608 / 8081 (Pesticides)	608 / 8082 (PCB's)	624 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals ___ Organics ___	Cd Cr Cu Pb Ni Ag Zn	pH EC TSS TDS	VOCs	Semi-Volatiles	Nitrates	Total Petroleum Hydrocarbons	Dissolved Gas		
1	AMW-1	11/30/04	1445	Gw	4																X	X	X	X	X	X	X	
2	AMW-2		1365		4																X	X	X	X	X	X	X	
3	AMW-3		1320		4																X	X	X	X	X	X	X	
4	AMW-4		1035		4																X	X	X	X	X	X	X	
5	AMW-5		1220		4																X	X	X	X	X	X	X	
6	AMW-6		1125		4																X	X	X	X	X	X	X	
7	Field blank		—	W	1																	X						
8	Trip blank		—	W	2																	X						
9																												
10																												

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No N/A
Correct Containers: Yes No
Sample(s): Cold Ambient Warm
VOAs w/ZHS: Yes No N/A
All Samples Properly Preserved: Yes No N/A
Disposal: N/C (aqueous) *EMA (@$5.00/sample) Return Hold
Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal
Comments: Report MRL's/PQL's
[illegible] call
[illegible]
Put on [illegible] for metals [illegible]

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature [illegible]	30 Nov 04 16:56	Signature [illegible]
Print [illegible]		Print [illegible]
Company: BAS		Company: EMA
Signature		Signature
Print		Print
Company:		Company:
Signature		Signature
Print		Print
Company:		Company:

*EMA reserves the right to return samples that do not match our waste profile.

White - EMA Canary - Accounting Pink - Client (w/Report) Goldenrod - Client (Relinquish Samples)

EnviroMatrix Analytical, Inc.

27 January 2005

City of San Diego
Attn: George Morton
9601 Ridgehaven Court, Ste 310
San Diego, California 92123

EMA Log #: 0501220

Project Name: Arizona Street

Enclosed are the results of analyses for samples received by the laboratory on 01/20/05 12:56. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that this data is in compliance both technically and for completeness.

Dan Verdon
Laboratory Director

CA ELAP Certification #: 2564

4340 Viewridge Avenue, Suite A • San Diego, California 92123 • (858) 560-7717 • Fax (858) 560-7763
Analytical Chemistry Laboratory

Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
AMW-6-1	0501220-01	Grnd-Water	01/20/05 10:15	01/20/05 12:56
AMW-6-2	0501220-02	Grnd-Water	01/20/05 11:15	01/20/05 12:56
AMW-6-3	0501220-03	Grnd-Water	01/20/05 12:00	01/20/05 12:56
Field Blank	0501220-04	Grnd-Water	01/20/05 10:00	01/20/05 12:56
Equipment Blank	0501220-05	Grnd-Water	01/20/05 10:20	01/20/05 12:56
Trip Blank	0501220-06	Grnd-Water	01/20/05 00:00	01/20/05 12:56

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6-1 (0501220-01) Grnd-Water Sampled: 01/20/05 10:15 Received: 01/20/05 12:56										
Acetone	ND	7.46	25.0	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	**1.53**	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**5.15**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**6.81**	0.29	1.00	"	"	"	"	"	"	J
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**9.39**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.39**	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6-1 (0501220-01) Grab-Water	**Sampled: 01/20/05 10:15**		**Received: 01/20/05 12:56**							
Hexachloroethane	ND	0.25	1.00	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	19.8	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	20.7	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	16.3	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	1.36	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*99 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6-2 (0501220-02) Grnd-Water	**Sampled: 01/20/05 11:15**			**Received: 01/20/05 12:56**						
Acetone	ND	7.46	25.0	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	**1.88**	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**11.3**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**1.10**	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**10.7**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.81**	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6-2 (0501220-02) Grnd-Water	**Sampled: 01/20/05 11:15**		**Received: 01/20/05 12:56**							
Hexachloroethane	ND	0.25	1.00	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	**23.5**	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	**39.3**	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	**23.8**	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	**2.19**	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6-3 (0501220-03) Grnd-Water	**Sampled: 01/20/05 12:00**			**Received: 01/20/05 12:56**						
Acetone	ND	7.46	25.0	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	**1.87**	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**11.7**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**1.04**	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**10.6**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.74**	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.38	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6-3 (0501220-03) Grab-Water	**Sampled: 01/20/05 12:00**		**Received: 01/20/05 12:56**							
Hexachloroethane	ND	0.25	1.00	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	23.1	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	40.2	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	22.9	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	2.20	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*97 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Field Blank (0501220-04) Grnd-Water Sampled: 01/20/05 10:00 Received: 01/20/05 12:56										
Acetone	ND	7.46	25.0	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Field Blank (0501220-04) Grnd-Water	**Sampled: 01/20/05 10:00**		**Received: 01/20/05 12:56**							
Hexachloroethane	ND	0.25	1.00	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.25	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Equipment Blank (0501220-05) Grad-Water	**Sampled: 01/20/05 10:20**		**Received: 01/20/05 12:56**							
Acetone	ND	7.46	25.0	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.39	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Equipment Blank (0501220-05) Grnd-Water Sampled: 01/20/05 10:20 Received: 01/20/05 12:56										
Hexachloroethane	ND	0.25	1.00	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*100 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*106 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Lab #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0501220-06) Grnd-Water	**Sampled: 01/20/05 00:00**		**Received: 01/20/05 12:56**							
Acetone	ND	7.46	25.0	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	ND	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.21	1.00	"	"	"	"	"	"	
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.29	1.00	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	
Ethyl methacrylate	ND	0.78	5.00	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Trip Blank (0501220-06) Grab-Water	**Sampled: 01/20/05 00:00**		**Received: 01/20/05 12:56**							
Hexachloroethane	ND	0.25	1.00	ug/l	1	5012403	01/24/05	01/24/05	EPA 8260B	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	ND	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	ND	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	ND	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.38	2.00	"	"	"	"	"	"	
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*98 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*105 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5012403											
Blank (5012403-BLK1)					Prepared & Analyzed: 01/24/05						
Acetone	ND	7.46	25.0	ug/l							
Acetonitrile	ND	16.9	50.0	"							
Acrolein	ND	15.4	100	"							
Acrylonitrile	ND	0.66	10.0	"							
Allyl chloride	ND	0.29	1.00	"							
Benzene	ND	0.28	1.00	"							
Bromobenzene	ND	0.50	1.00	"							
Bromochloromethane	ND	0.41	1.00	"							
Bromodichloromethane	ND	0.33	1.00	"							
Bromoform	ND	0.30	1.00	"							
Bromomethane	ND	0.73	2.00	"							
2-Butanone	ND	5.25	25.0	"							
Carbon disulfide	ND	0.31	1.00	"							
Carbon tetrachloride	ND	0.71	2.00	"							
Chlorobenzene	ND	0.24	1.00	"							
Chlorodibromomethane	ND	0.27	1.00	"							
Chloroethane	ND	0.35	2.00	"							
Chloroform	ND	0.36	1.00	"							
Chloromethane	ND	0.38	2.00	"							
Chloroprene	ND	0.23	1.00	"							
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"							
Dibromomethane	ND	0.42	1.00	"							
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"							
1,2-Dichlorobenzene	ND	0.20	1.00	"							
1,3-Dichlorobenzene	ND	0.24	1.00	"							
1,4-Dichlorobenzene	ND	0.21	1.00	"							
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"							
Dichlorodifluoromethane	ND	0.79	2.00	"							
1,1-Dichloroethane	ND	0.29	1.00	"							
1,2-Dichloroethane	ND	0.28	1.00	"							
1,1-Dichloroethene	ND	0.24	1.00	"							
cis-1,2-Dichloroethene	ND	0.26	1.00	"							
trans-1,2-Dichloroethene	ND	0.21	1.00	"							
1,2-Dichloropropane	ND	0.28	1.00	"							
1,3-Dichloropropane	ND	0.53	1.00	"							
2,2-Dichloropropane	ND	0.35	1.00	"							
cis-1,3-Dichloropropene	ND	0.42	1.00	"							
trans-1,3-Dichloropropene	ND	0.42	1.00	"							

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5012403											
Blank (5012403-BLK1)					Prepared & Analyzed: 01/24/05						
Diethyl ether	ND	0.33	2.00	ug/l							
Ethylbenzene	ND	0.18	1.00	"							
Ethyl methacrylate	ND	0.78	5.00	"							
Hexachlorobutadiene	ND	0.34	1.00	"							
Hexachloroethane	ND	0.25	1.00	"							
2-Hexanone	ND	0.51	5.00	"							
Iodomethane	ND	0.39	1.00	"							
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"							
Methacrylonitrile	ND	0.92	10.0	"							
Methylene chloride	ND	0.35	5.00	"							
Methyl tert-butyl ether	ND	0.47	1.00	"							
4-Methyl-2-pentanone	ND	0.58	25.0	"							
Naphthalene	ND	0.25	3.00	"							
2-Nitropropane	ND	1.36	5.00	"							
n-Propylbenzene	ND	0.24	1.00	"							
Propionitrile	ND	34.9	100	"							
Styrene	ND	0.20	1.00	"							
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"							
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"							
Tetrachloroethene	ND	0.30	1.00	"							
Toluene	ND	0.55	1.00	"							
1,2,4-Trichlorobenzene	ND	0.37	1.00	"							
1,1,1-Trichloroethane	ND	0.40	2.00	"							
1,1,2-Trichloroethane	ND	0.38	1.00	"							
Trichloroethene	ND	0.23	1.00	"							
Trichlorofluoromethane	ND	0.55	2.00	"							
1,2,3-Trichloropropane	ND	0.26	2.00	"							
1,2,4-Trimethylbenzene	ND	0.19	1.00	"							
1,3,5-Trimethylbenzene	ND	0.20	1.00	"							
Vinyl chloride	ND	0.38	2.00	"							
m,p-Xylene	ND	0.51	2.00	"							
o-Xylene	ND	0.25	1.00	"							
Surrogate: Dibromofluoromethane	*48.6*			"	*50.0*		*97*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*52.2*			"	*50.0*		*104*	*80-135*			
Surrogate: Toluene-d8	*53.1*			"	*50.0*		*106*	*80-120*			

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5012403											
LCS (5012403-BS1)					Prepared & Analyzed: 01/24/05						
Benzene	43.0	0.28	1.00	ug/l	50.0		86	68-123			
Chlorobenzene	48.4	0.24	1.00	"	50.0		97	72-114			
1,1-Dichloroethene	51.2	0.24	1.00	"	50.0		102	60-127			
Toluene	49.3	0.55	1.00	"	50.0		99	70-119			
Trichloroethene	47.8	0.23	1.00	"	50.0		96	73-113			
Surrogate: Dibromofluoromethane	*48.2*			"	*50.0*		*96*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*49.4*			"	*50.0*		*99*	*80-135*			
Surrogate: Toluene-d8	*51.6*			"	*50.0*		*103*	*80-120*			
Duplicate (5012403-DUP1)			Source: 0501234-03		Prepared & Analyzed: 01/24/05						
Acetone	ND	74.6	250	ug/l		ND				30	
Acetonitrile	ND	169	500	"		ND				30	
Acrolein	ND	154	1000	"		ND				30	
Acrylonitrile	ND	6.60	100	"		ND				30	
Allyl chloride	ND	2.90	10.0	"		ND				30	
Benzene	143	2.80	10.0	"		145			1	30	
Bromobenzene	ND	5.00	10.0	"		ND				30	
Bromochloromethane	ND	4.10	10.0	"		ND				30	
Bromodichloromethane	ND	3.30	10.0	"		ND				30	
Bromoform	ND	3.00	10.0	"		ND				30	
Bromomethane	ND	7.30	20.0	"		ND				30	
2-Butanone	ND	52.5	250	"		ND				30	
Carbon disulfide	ND	3.10	10.0	"		ND				30	
Carbon tetrachloride	ND	7.10	20.0	"		ND				30	
Chlorobenzene	ND	2.40	10.0	"		ND				30	
Chlorodibromomethane	ND	2.70	10.0	"		ND				30	
Chloroethane	ND	3.50	20.0	"		ND				30	
Chloroform	ND	3.60	10.0	"		ND				30	
Chloromethane	ND	3.80	20.0	"		ND				30	
Chloroprene	ND	2.30	10.0	"		ND				30	
1,2-Dibromo-3-chloropropane	ND	2.40	20.0	"		ND				30	
Dibromomethane	ND	4.20	10.0	"		ND				30	
1,2-Dibromoethane (EDB)	ND	5.10	10.0	"		ND				30	
1,2-Dichlorobenzene	ND	2.00	10.0	"		ND				30	
1,3-Dichlorobenzene	ND	2.40	10.0	"		ND				30	
1,4-Dichlorobenzene	ND	2.10	10.0	"		ND				30	
trans-1,4-Dichloro-2-butene	ND	2.70	20.0	"		ND				30	
Dichlorodifluoromethane	ND	7.90	20.0	"		ND				30	
1,1-Dichloroethane	ND	2.90	10.0	"		ND				30	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5012403											
Duplicate (5012403-DUP1)			Source: 0501234-03		Prepared & Analyzed: 01/24/05						
1,2-Dichloroethane	46.1	2.80	10.0	ug/l		49.8			8	30	
1,1-Dichloroethene	ND	2.40	10.0	"		ND				30	
cis-1,2-Dichloroethene	ND	2.60	10.0	"		ND				30	
trans-1,3-Dichloroethene	ND	2.10	10.0	"		ND				30	
1,2-Dichloropropane	ND	2.80	10.0	"		ND				30	
1,3-Dichloropropane	ND	5.30	10.0	"		ND				30	
2,2-Dichloropropane	ND	3.50	10.0	"		ND				30	
cis-1,3-Dichloropropene	ND	4.20	10.0	"		ND				30	
trans-1,3-Dichloropropene	ND	4.20	10.0	"		ND				30	
Diethyl ether	ND	3.30	20.0	"		ND				30	
Ethylbenzene	9.60	1.80	10.0	"		9.80			2	30	J
Ethyl methacrylate	ND	7.80	50.0	"		ND				30	
Hexachlorobutadiene	ND	3.40	10.0	"		ND				30	
Hexachloroethane	ND	2.50	10.0	"		ND				30	
2-Hexanone	ND	5.10	50.0	"		ND				30	
Iodomethane	ND	2.90	10.0	"		ND				30	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	398	1000	"		ND				30	
Methacrylonitrile	ND	9.20	100	"		ND				30	
Methylene chloride	ND	3.50	50.0	"		ND				30	
Methyl tert-butyl ether	8.70	4.70	10.0	"		10.0			14	30	J
4-Methyl-2-pentanone	ND	5.80	250	"		ND				30	
Naphthalene	12.1	2.50	20.0	"		12.5			3	30	J
2-Nitropropane	ND	13.6	50.0	"		ND				30	
n-Propylbenzene	ND	2.40	10.0	"		ND				30	
Propionitrile	ND	340	1000	"		ND				30	
Styrene	ND	2.00	10.0	"		ND				30	
1,1,1,2-Tetrachloroethane	ND	3.10	10.0	"		ND				30	
1,1,2,2-Tetrachloroethane	ND	3.20	20.0	"		ND				30	
Tetrachloroethene	ND	3.00	10.0	"		ND				30	
Toluene	13.1	5.50	10.0	"		13.1			0	30	
1,2,4-Trichlorobenzene	ND	3.70	10.0	"		ND				30	
1,1,1-Trichloroethane	ND	4.00	20.0	"		ND				30	
1,1,2-Trichloroethane	ND	3.80	10.0	"		ND				30	
Trichloroethene	ND	2.30	10.0	"		ND				30	
Trichlorofluoromethane	ND	5.50	20.0	"		ND				30	
1,2,3-Trichloropropane	ND	2.60	20.0	"		ND				30	
1,2,4-Trimethylbenzene	18.0	1.90	10.0	"		18.4			2	30	
1,3,5-Trimethylbenzene	6.50	2.00	10.0	"		6.40			2	30	J
Vinyl chloride	ND	3.80	20.0	"		ND				30	

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5012403											
Duplicate (5012403-DUP1)			Source: 0501234-03		Prepared & Analyzed: 01/24/05						
m,p-Xylene	28.9	5.10	20.0	ug/l		29.0			0.3	30	
o-Xylene	19.0	2.50	10.0	"		19.2			1	30	
Surrogate: Dibromofluoromethane	*51.3*			"	*50.0*		*103*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*54.4*			"	*50.0*		*109*	*80-135*			
Surrogate: Toluene-d8	*52.4*			"	*50.0*		*105*	*80-120*			
Matrix Spike (5012403-MS1)			Source: 0501220-01		Prepared & Analyzed: 01/24/05						
Benzene	46.4	0.28	1.00	ug/l	50.0	1.53	90	70-128			
Chlorobenzene	49.1	0.24	1.00	"	50.0	ND	98	74-119			
1,1-Dichloroethene	52.2	0.24	1.00	"	50.0	ND	104	60-133			
Toluene	51.2	0.55	1.00	"	50.0	ND	102	72-125			
Trichloroethene	67.1	0.23	1.00	"	50.0	16.3	102	73-119			
Surrogate: Dibromofluoromethane	*48.7*			"	*50.0*		*97*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*49.7*			"	*50.0*		*99*	*80-135*			
Surrogate: Toluene-d8	*52.5*			"	*50.0*		*105*	*80-120*			
Matrix Spike Dup (5012403-MSD1)			Source: 0501220-01		Prepared & Analyzed: 01/24/05						
Benzene	47.4	0.28	1.00	ug/l	50.0	1.53	92	70-128	2	30	
Chlorobenzene	50.0	0.24	1.00	"	50.0	ND	100	74-119	2	30	
1,1-Dichloroethene	54.5	0.24	1.00	"	50.0	ND	109	60-133	4	30	
Toluene	52.4	0.55	1.00	"	50.0	ND	105	72-125	2	30	
Trichloroethene	66.8	0.23	1.00	"	50.0	16.3	101	73-119	0.4	30	
Surrogate: Dibromofluoromethane	*49.4*			"	*50.0*		*99*	*80-130*			
Surrogate: 4-Bromofluorobenzene	*51.0*			"	*50.0*		*102*	*80-135*			
Surrogate: Toluene-d8	*52.8*			"	*50.0*		*106*	*80-120*			

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Client Name: City of San Diego
Project Name: Arizona Street

EMA Log #: 0501220

Notes and Definitions

J	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit (or method detection limit when specified)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
MDL	Method detection limit (indicated per client's request)

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CHAIN-OF-CUSTODY RECORD

EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A • San Diego, CA 92123 • Phone (858) 560-7717 • Fax (858) 560-77

1 of 2

EMA LOG #: 0505253

EMA DATE/TIME STAMP MAY 17 '05 17.46

Client: City of San Diego
Address: 9601 Ridgeheaven Court #310
San Diego CA 92123
Attn: George Montag Phone: 858-514-3774
Sampled by: Bert Salinas Fax: 858-492-5041
Billing Address:
Project: Arizona St. Landfill PO #:

REQUESTED ANALYSIS

EMA ID #	Client Sample ID	Sample Date	Sample Time	Sample Matrix	Container(s) #	Container(s) Type*	418.1 (TRPH)	Oil & Grease 413.1 ___ 413.2 ___ 1664 ___	TPH (8015B) Gas ___ Diesel ___	TPH-Extended 8015B ___ ASTM D2887 ___	602 / 8021 BTXE ___ MTBE ___	601 / 8021 (Purgeable Halocarbons)	608 / 8081 (Pesticides)	608 / 8082 (PCB's)	624 / 8260 (Volatile Organics)	625 / 8270 (Semi Volatile Organics)	TTLC Metals (CAC Title 22)	STLC Metals (CAC Title 22)	TCLP (RCRA) Metals ___ Organics ___	Cd Cr Cu Pb Ni Ag Zn	pH	EC	TSS	VOCs 624/8260	Chloride, Sulfate, TDS	Nitrate as Nitrogen	Bicarbonate, T.D.C	Metals: Ca, Mg, Na			
1	AMW-1	5/17/05	1630	GW	4	PGV															X	X	X	X	X	X				
2	AMW-2		1555																		X	X	X	X	X	X				
3	AMW-3		1525																		X	X	X	X	X	X				
4	AMW-4		1410																		X	X	X	X	X	X				
5	AMW-5		1450																		X	X	X	X	X	X				
6	AMW-6A		1235																		X	X	X	X	X	X				
7	AMW-6B		1300																		X	X	X	X	X	X				
8	AMW-6C		1330																		X	X	X	X	X	X				
9	AMW-Duplicate		—																		X	X	X	X	X	X				
10	QCAB		—	W	2																	X								

*Container Types: B=Brass Tube; V=VOA; G=Glass; P=Plastic; O=Other (list)

Tamper-Proof Seals Intact: Yes No N/A
Correct Containers: Yes No
Sample(s): Cold Ambient Warm
VOAs w/ZHS: Yes No N/A
All Samples Properly Preserved: Yes No N/A
Disposal: N/C (aqueous) *EMA (@$5.00/sample) Return Hold
Turnaround Time: 24 hr 48 hr 3 day 4 day 5 day Normal
Comments: Report MRLS/MDLS
*Metals were not field filtered

RELINQUISHED BY	DATE/TIME	RECEIVED BY
Signature: Bert Salinas	5-17-05 / 1720	Signature: [illegible]
Print: Bert Salinas		Print: [illegible]
Company: BAS		Company: EMA
Signature		Signature
Print		Print
Company:		Company:
Signature		Signature
Print		Print
Company:		Company:

15.00

*EMA reserves the right to return samples that do not match our waste profile.

White - EMA Canary - Accounting Pink - Client (with report)

Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Metals (Dissolved) by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-1 (0505253-01) Grnd-Water	Sampled: 05/17/05 16:30 Received: 05/17/05 17:20									
Calcium	11.9	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	19.2	0.50	0.50	"	"	"	"	"	"	
Sodium	119	0.0400	0.500	"	"	"	"	"	"	
AMW-2 (0505253-02) Grnd-Water	Sampled: 05/17/05 15:55 Received: 05/17/05 17:20									
Calcium	8.21	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	6.36	0.50	0.50	"	"	"	"	"	"	
Sodium	41.6	0.0400	0.500	"	"	"	"	"	"	
AMW-3 (0505253-03) Grnd-Water	Sampled: 05/17/05 15:25 Received: 05/17/05 17:20									
Calcium	6.19	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	3.06	0.50	0.50	"	"	"	"	05/19/05	"	
Sodium	16.8	0.0400	0.500	"	"	"	"	05/19/05	"	
AMW-4 (0505253-04) Grnd-Water	Sampled: 05/17/05 14:10 Received: 05/17/05 17:20									
Calcium	12.9	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	2.02	0.50	0.50	"	"	"	"	"	"	
Sodium	11.7	0.0400	0.500	"	"	"	"	"	"	
AMW-5 (0505253-05) Grnd-Water	Sampled: 05/17/05 14:50 Received: 05/17/05 17:20									
Calcium	7.30	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	5.34	0.50	0.50	"	"	"	"	"	"	
Sodium	21.5	0.0400	0.500	"	"	"	"	"	"	
AMW-6A (0505253-06) Grnd-Water	Sampled: 05/17/05 12:35 Received: 05/17/05 17:20									
Calcium	25.0	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	2.72	0.50	0.50	"	"	"	"	05/19/05	"	
Sodium	24.8	0.0400	0.500	"	"	"	"	05/19/05	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Metals (Dissolved) by EPA 6000/7000 Series Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6B (0505253-07) Grnd-Water	**Sampled: 05/17/05 13:00**		**Received: 05/17/05 17:20**							
Calcium	27.4	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	2.77	0.50	0.50	"	"	"	"	05/19/05	"	
Sodium	26.5	0.0400	0.500	"	"	"	"	05/19/05	"	
AMW-6C (0505253-08) Grnd-Water	**Sampled: 05/17/05 13:30**		**Received: 05/17/05 17:20**							
Calcium	27.8	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	2.82	0.50	0.50	"	"	"	"	"	"	
Sodium	26.5	0.0400	0.500	"	"	"	"	"	"	
AMW-Duplicate (0505253-09) Grnd-Water	**Sampled: 05/17/05 12:35**		**Received: 05/17/05 17:20**							
Calcium	12.6	0.50	0.50	mg/l	1	5051906	05/19/05	05/19/05	EPA 6010	
Magnesium	1.98	0.50	0.50	"	"	"	"	"	"	
Sodium	11.2	0.0400	0.500	"	"	"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6A (0505253-06) Grnd-Water	**Sampled: 05/17/05 12:35**		**Received: 05/17/05 17:20**							
Acetone	ND	7.46	25.0	ug/l	1	5052002	05/20/05	05/21/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	1.32	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	**0.32**	0.21	1.00	"	"	"	"	"	"	J
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**17.3**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**0.79**	0.29	1.00	"	"	"	"	"	"	J
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**7.97**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.31**	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6A (0505253-06) Grnd-Water	**Sampled: 05/17/05 12:35**		**Received: 05/17/05 17:20**							
Ethyl methacrylate	ND	0.78	5.00	ug/l	1	5052002	05/20/05	05/21/05	EPA 8260B	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	
Hexachloroethane	ND	0.25	1.00	"	"	"	"	"	"	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	13.9	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	24.4	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	19.9	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	1.76	0.38	2.00	"	"	"	"	"	"	J
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6B (0505253-07) Grnd-Water	**Sampled: 05/17/05 13:00**		**Received: 05/17/05 17:20**							
Acetone	ND	7.46	25.0	ug/l	1	5052002	05/20/05	05/21/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	1.27	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	**0.35**	0.21	1.00	"	"	"	"	"	"	J
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**11.9**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**0.73**	0.29	1.00	"	"	"	"	"	"	J
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**7.88**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**1.20**	0.21	1.00	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6B (0505253-07) Grnd-Water	**Sampled: 05/17/05 13:00**		**Received: 05/17/05 17:20**							
Ethyl methacrylate	ND	0.78	5.00	ug/l	1	5052002	05/20/05	05/21/05	EPA 8260B	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	
Hexachloroethane	ND	0.25	1.00	"	"	"	"	"	"	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	13.7	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	23.3	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	18.4	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	1.62	0.38	2.00	"	"	"	"	"	"	J
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*96 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*101 %*	*80-120*			"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6C (0505253-08) Grnd-Water	**Sampled: 05/17/05 13:30**		**Received: 05/17/05 17:20**							
Acetone	ND	7.46	25.0	ug/l	1	5052101	05/21/05	05/21/05	EPA 8260B	
Acetonitrile	ND	16.9	50.0	"	"	"	"	"	"	
Acrolein	ND	15.4	100	"	"	"	"	"	"	
Acrylonitrile	ND	0.66	10.0	"	"	"	"	"	"	
Allyl chloride	ND	0.29	1.00	"	"	"	"	"	"	
Benzene	**1.32**	0.28	1.00	"	"	"	"	"	"	
Bromobenzene	ND	0.50	1.00	"	"	"	"	"	"	
Bromochloromethane	ND	0.41	1.00	"	"	"	"	"	"	
Bromodichloromethane	ND	0.33	1.00	"	"	"	"	"	"	
Bromoform	ND	0.30	1.00	"	"	"	"	"	"	
Bromomethane	ND	0.73	2.00	"	"	"	"	"	"	
2-Butanone	ND	5.25	25.0	"	"	"	"	"	"	
Carbon disulfide	ND	0.31	1.00	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.71	2.00	"	"	"	"	"	"	
Chlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
Chlorodibromomethane	ND	0.27	1.00	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.00	"	"	"	"	"	"	
Chloroform	ND	0.36	1.00	"	"	"	"	"	"	
Chloromethane	ND	0.38	2.00	"	"	"	"	"	"	
Chloroprene	ND	0.23	1.00	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.24	2.00	"	"	"	"	"	"	
Dibromomethane	ND	0.42	1.00	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.51	1.00	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.20	1.00	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.24	1.00	"	"	"	"	"	"	
1,4-Dichlorobenzene	**0.36**	0.21	1.00	"	"	"	"	"	"	J
trans-1,4-Dichloro-2-butene	ND	0.27	2.00	"	"	"	"	"	"	
Dichlorodifluoromethane	**11.2**	0.79	2.00	"	"	"	"	"	"	
1,1-Dichloroethane	**0.63**	0.29	1.00	"	"	"	"	"	"	J
1,2-Dichloroethane	ND	0.28	1.00	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.24	1.00	"	"	"	"	"	"	
cis-1,2-Dichloroethene	**8.13**	0.26	1.00	"	"	"	"	"	"	
trans-1,2-Dichloroethene	**0.99**	0.21	1.00	"	"	"	"	"	"	J
1,2-Dichloropropane	ND	0.28	1.00	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.53	1.00	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.35	1.00	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.42	1.00	"	"	"	"	"	"	
Diethyl ether	ND	0.33	2.00	"	"	"	"	"	"	
Ethylbenzene	ND	0.18	1.00	"	"	"	"	"	"	

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Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6C (0505253-08) Grnd-Water	**Sampled: 05/17/05 13:30**		**Received: 05/17/05 17:20**							
Ethyl methacrylate	ND	0.78	5.00	ug/l	1	5052101	05/21/05	05/21/05	EPA 8260B	
Hexachlorobutadiene	ND	0.34	1.00	"	"	"	"	"	"	
Hexachloroethane	ND	0.25	1.00	"	"	"	"	"	"	
2-Hexanone	ND	0.51	5.00	"	"	"	"	"	"	
Iodomethane	ND	0.29	1.00	"	"	"	"	"	"	
Isobutyl alcohol (2-Methyl-1-propanol)	ND	39.8	100	"	"	"	"	"	"	
Methacrylonitrile	ND	0.92	10.0	"	"	"	"	"	"	
Methylene chloride	**11.6**	0.35	5.00	"	"	"	"	"	"	
Methyl tert-butyl ether	ND	0.47	1.00	"	"	"	"	"	"	
4-Methyl-2-pentanone	ND	0.58	25.0	"	"	"	"	"	"	
Naphthalene	ND	0.25	2.00	"	"	"	"	"	"	
2-Nitropropane	ND	1.36	5.00	"	"	"	"	"	"	
n-Propylbenzene	ND	0.24	1.00	"	"	"	"	"	"	
Propionitrile	ND	34.9	100	"	"	"	"	"	"	
Styrene	ND	0.20	1.00	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.31	1.00	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.32	2.00	"	"	"	"	"	"	
Tetrachloroethene	**24.3**	0.30	1.00	"	"	"	"	"	"	
Toluene	ND	0.55	1.00	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.37	1.00	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.40	2.00	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.38	1.00	"	"	"	"	"	"	
Trichloroethene	**19.0**	0.23	1.00	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.55	2.00	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	2.00	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.00	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.00	"	"	"	"	"	"	
Vinyl chloride	**1.68**	0.38	2.00	"	"	"	"	"	"	J
m,p-Xylene	ND	0.51	2.00	"	"	"	"	"	"	
o-Xylene	ND	0.25	1.00	"	"	"	"	"	"	
Surrogate: Dibromofluoromethane		*95 %*	*80-130*			"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*97 %*	*80-135*			"	"	"	"	
Surrogate: Toluene-d8		*100 %*	*80-120*			"	"	"	"	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-3 (0505253-03RE1) Grnd-Water Sampled: 05/17/05 15:25 Received: 05/17/05 17:20										
Sulfate as SO4	376	20.0	100	mg/l	20	5062132	05/18/05	06/21/05	SM4500 SO4 E	H7-06
AMW-4 (0505253-04) Grnd-Water Sampled: 05/17/05 14:10 Received: 05/17/05 17:20										
Bicarbonate Alkalinity	357	5	5	mg CaCO3/L	1	5052025	05/20/05	05/20/05	SM2320B	
Chloride	150	0.05	0.05	mg/l	"	5052319	05/23/05	05/23/05	SM4500 Cl C	
Nitrate as N	0.12	0.02	0.10	"	2	5051717	05/17/05	05/18/05	SM4500 NO3 E	
pH	6.78	0.01	0.10	pH Units	1	5051835	05/18/05	05/18/05	EPA 150.1	
Total Dissolved Solids	664	1	20	mg/l	"	5052320	05/23/05	05/26/05	SM2540 C	
Sulfate as SO4	48.5	2.0	10.0	"	2	5051836	05/18/05	05/18/05	SM4500 SO4 E	
Total Organic Carbon	2.50	0.40	1.00	"	1	5051840	05/18/05	05/18/05	EPA 415.1	
AMW-5 (0505253-05) Grnd-Water Sampled: 05/17/05 14:50 Received: 05/17/05 17:20										
Bicarbonate Alkalinity	245	5	5	mg CaCO3/L	1	5052025	05/20/05	05/20/05	SM2320B	
Chloride	360	0.05	0.05	mg/l	"	5052319	05/23/05	05/23/05	SM4500 Cl C	
Nitrate as N	ND	0.009	0.05	"	"	5051717	05/17/05	05/18/05	SM4500 NO3 E	
pH	6.83	0.01	0.10	pH Units	"	5051835	05/18/05	05/18/05	EPA 150.1	
Total Dissolved Solids	910	1	20	mg/l	"	5052320	05/23/05	05/26/05	SM2540 C	
Sulfate as SO4	69.4	2.0	10.0	"	2	5051836	05/18/05	05/18/05	SM4500 SO4 E	
Total Organic Carbon	1.90	0.40	1.00	"	1	5051840	05/18/05	05/18/05	EPA 415.1	
AMW-6A (0505253-06) Grnd-Water Sampled: 05/17/05 12:35 Received: 05/17/05 17:20										
Bicarbonate Alkalinity	442	5	5	mg CaCO3/L	1	5052025	05/20/05	05/20/05	SM2320B	
Chloride	230	0.05	0.05	mg/l	"	5052319	05/23/05	05/23/05	SM4500 Cl C	
Nitrate as N	ND	0.009	0.05	"	"	5051717	05/17/05	05/18/05	SM4500 NO3 E	
pH	6.45	0.01	0.10	pH Units	"	5051835	05/18/05	05/18/05	EPA 150.1	
Total Dissolved Solids	1430	1	20	mg/l	"	5052320	05/23/05	05/26/05	SM2540 C	
Sulfate as SO4	498	25.0	125	"	25	5051836	05/18/05	05/18/05	SM4500 SO4 E	
Total Organic Carbon	11.0	0.40	1.00	"	1	5051840	05/18/05	05/18/05	EPA 415.1	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Client Name: City of San Diego
Project Name: Arizona Street Landfill

EMA Log #: 0505253

Conventional Chemistry Parameters by Standard/EPA Methods

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
AMW-6B (0505253-07) Grnd-Water	**Sampled: 05/17/05 13:00**		**Received: 05/17/05 17:20**							
Bicarbonate Alkalinity	497	5	5	mg CaCO3/L	1	5052025	05/20/05	05/20/05	SM2320B	
Chloride	206	0.05	0.05	mg/l	"	5052319	05/23/05	05/23/05	SM4500 Cl C	
Nitrate as N	ND	0.009	0.05	"	"	5051717	05/17/05	05/18/05	SM4500 NO3 E	
pH	6.51	0.01	0.10	pH Units	"	5051835	05/18/05	05/18/05	EPA 150.1	
Total Dissolved Solids	1380	1	20	mg/l	"	5052320	05/23/05	05/26/05	SM2540 C	
Sulfate as SO4	484	25.0	125	"	25	5051836	05/18/05	05/18/05	SM4500 SO4 E	
Total Organic Carbon	8.42	0.40	1.00	"	1	5051840	05/18/05	05/18/05	EPA 415.1	
AMW-6C (0505253-08) Grnd-Water	**Sampled: 05/17/05 13:30**		**Received: 05/17/05 17:20**							
Bicarbonate Alkalinity	460	5	5	mg CaCO3/L	1	5052025	05/20/05	05/20/05	SM2320B	
Chloride	220	0.05	0.05	mg/l	"	5052319	05/23/05	05/23/05	SM4500 Cl C	
Nitrate as N	ND	0.009	0.05	"	"	5051923	05/19/05	05/19/05	SM4500 NO3 E	
pH	6.50	0.01	0.10	pH Units	"	5051835	05/18/05	05/18/05	EPA 150.1	
Total Dissolved Solids	1400	1	20	mg/l	"	5052320	05/23/05	05/26/05	SM2540 C	
Sulfate as SO4	165	10.0	50.0	"	10	5060932	06/09/05	06/09/05	SM4500 SO4 E	
Total Organic Carbon	5.08	0.40	1.00	"	1	5051840	05/18/05	05/18/05	EPA 415.1	
AMW-Duplicate (0505253-09) Grnd-Water	**Sampled: 05/17/05 12:35**		**Received: 05/17/05 17:20**							
Bicarbonate Alkalinity	299	5	5	mg CaCO3/L	1	5052025	05/20/05	05/20/05	SM2320B	
Chloride	150	0.05	0.05	mg/l	"	5052319	05/23/05	05/23/05	SM4500 Cl C	
Nitrate as N	0.16	0.009	0.05	"	"	5051923	05/19/05	05/19/05	SM4500 NO3 E	
pH	6.75	0.01	0.10	pH Units	"	5051835	05/18/05	05/18/05	EPA 150.1	HT-01
Total Dissolved Solids	712	1	20	mg/l	"	5052320	05/23/05	05/26/05	SM2540 C	
Sulfate as SO4	49.0	2.0	10.0	"	2	5051836	05/18/05	05/18/05	SM4500 SO4 E	
Total Organic Carbon	87.2	0.81	2.00	"	"	5051840	05/18/05	05/18/05	EPA 415.1	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

DATE: 5-17-05
SITE: Arizona St.
WELL ID: AMW-6A

MICROPURGE Sampling Data

SAMPLING TEAM MEMBERS: R. Salinas / GR

Casing Diameter: 4
Starting Water Level (feet): 112.93
Total Well Depth (feet): 138.55
Water Column (feet): 25.62
Bubbler Depth: —
Total Water Purged (gallons): 2½

Purge Time Start: 1215
Purge Time Stop: 1233
Sampling Time Start: 1235
Ending Water Level (feet): 112.93
Pump Depth: 121 ft.
Duplicate Sample Yes (No)

Stabilization Variance			±0.2 units	±3% µs/cm	±0.2 mg/L	±0.2 °C	±20mv
TIME	VOLUME PURGED (gallons/liters)	WATER LEVEL	PH	CONDUCTIVITY	D. O.	TEMP.*	ORP
1220	1¼	112.87	6.4	2.3	1.3	22	-3
1224	1	112.92	6.4	2.4	0.3	22	48
1228	1½	112.94	6.4	2.3	0.2	22	53
1232	2	112.92	6.4	2.3	0.2	22	51

*Temperature is NOT a stabilization factor for Reddi-flo 2 pumps.

Purging Sampling Rates 1st set @ 100, Used GR-2 Controller, settings set @ 0.7 3/4 Refill / 0.7 3/4 Discharge. Flow @ 400 mL

Well Conditions: OK (1st test) Raised pump to 121 ft

Additional Comments: Water looks clear

Visitors:

Signatures: [signature]

City of San Diego
ESD Refuse Disposal Division
Landfill Gas and Groundwater Monitoring Program

EMS Document Control No. RDD-F-GW-10; Revision 2
Effective Date: March 20, 2002

DATE: 5-17-05
SITE: Arizona St.
WELL ID: AMW-6B

MICROPURGE Sampling Data

SAMPLING TEAM MEMBERS: BS/GZ

Casing Diameter: 4
Starting Water Level (feet): 112.96
Total Well Depth (feet): 138.55
Water Column (feet): 25.59
Bubbler Depth: N/A
Total Water Purged (gallons): 2

Purge Time Start: 1240
Purge Time Stop: 1257
Sampling Time Start: 1300
Ending Water Level (feet): 112.89
Pump Depth: 128 ft.
Duplicate Sample Yes (No)

Stabilization Variance			±0.2 units	±3% µS/cm	±0.2 mg/L	±0.2 °C	±20mv
TIME	VOLUME PURGED (gallons/liters)	WATER LEVEL	PH	CONDUCTIVITY	D. O.	TEMP.*	ORP
1244	1/2	112.89	6.5	23	1.1	23	69
1248	1	112.88	6.5	23	0.3	23	42
1252	1 1/2	↓	6.5	23	0.2	23	34
1257	2	↓	6.5	23	0.2	23	27

*Temperature is NOT a stabilization factor for Reddi-flo 2 pumps.

Purging Sampling Rates: PSI set @ 100. Used GZ-2 Controller. Refill 0+3/4. Discharge 0+3/4". Flow 400 mL. Water looks clean
Well Conditions: OK (2nd test) QCAB taken here.
Additional Comments: Lowered pump to 128 ft.
Visitors:
Signatures: [signature]

DATE: 5-17-05
SITE: Arizona St.
WELL ID: AMW-6C

MICROPURGE Sampling Data

SAMPLING TEAM MEMBERS: BS

Casing Diameter: 4
Starting Water Level (feet): 112.84
Total Well Depth (feet): 138.55
Water Column (feet):
Bubbler Depth: N/A
Total Water Purged (gallons): 2

Purge Time Start: 1305
Purge Time Stop: 1324
Sampling Time Start: 1330
Ending Water Level (feet): 112.85
Pump Depth: 135 ft.
Duplicate Sample Yes (No)

Stabilization Variance			± 0.2 units	±3% µ s/cm	± 0.2 mg/L	± 0.2 °C	±20mv
TIME	VOLUME PURGED (gallons/liters)	WATER LEVEL	PH	CONDUCTIVITY	D. O.	TEMP.*	ORP
1309	1/2	112.87	6.5	2.3	0.7	23	35
1314	1	↓	6.6	2.3	0.4	23	30
1318	1 1/2	↓	6.6	2.3	0.3	23	24
1321	1 3/4	112.84	6.6	2.3	0.3	23	19

*Temperature is NOT a stabilization factor for Reddi-flo 2 pumps.

Purging Sampling Rates PSD set @ 100. Refill 0 + 3/4" / Discharge 0 + 3/4". Plans to leave w/ water looks clear & odorless.

Well Conditions: OK (3rd yr)

Additional Comments:

Visitors:

Signatures: [signature]

City of San Diego
ESD Refuse Disposal Division
Landfill Gas and Groundwater Monitoring Program

EMS Document Control No. RDD-F-GW-10; Revision 2
Effective Date: March 20, 2002

EnviroMatrix Analytical, Inc.

18 February, 2003

City of San Diego
Attn: George Morton
9601 Ridgehaven Ct., Suite #310
San Diego, California 92123

EMA Log #.: 0301250

Enclosed with this letter are the test results performed by subcontract laboratory for the following analyses:

- TO-15
- ASTM-D1946

The samples were received by EnviroMatrix Analytical, Inc. intact and with chain-of-custody documentation. The test results and pertinent quality assurance/quality control data are listed on the attached tables.

I certify that this data report is in compliance both technically and for completeness. Release of the data contained in this hard copy data report has been authorized by the following signature.

Janis Columbo
Vice President/Laboratory Director

4340 Viewridge Avenue, Suite A • San Diego, California 92123 • (858) 560-7717 • Fax (858) 560-7763
Analytical Chemistry Laboratory

SEVERN TRENT STL

February 13, 2003

STL LOT NUMBER: **E3B040291**

Roger Lahr
EnviroMatrix Analytical Inc
4340 Viewridge Avenue
Suite A
San Diego, CA 92123

Dear Mr. Lahr,

This report contains the analytical results for the five samples received under chain of custody by STL Los Angeles on February 4, 2003. These samples are associated with your WO# 0301250.

Preliminary results were sent via facsimile on Wednesday, February 12, 2003.

STL Los Angeles certifies that the test results provided in this report meet all the requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in the case narrative. The case narrative is an integral part of the report. NELAP Certification Number is 01118CA / E87652.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report contains 000050 pages.

Severn Trent Laboratories, Inc.
STL Los Angeles • 1721 South Grand Avenue, Santa Ana, CA 92705-4808
Tel 714 258 8610 Fax 714 258 0921 • www.stlinc.com

A part of Severn Trent plc

SEVERN TRENT STL

CASE NARRATIVE

All applicable quality control procedures met method-specified acceptance criteria. Any matrix related anomalies are footnoted within the report.

If you have any questions, please feel free to call me at (714) 258-8610.

Sincerely,

Jesse Bacwaden
Project Manager

CC: Project File

Severn Trent Laboratories, Inc.
STL Los Angeles • 1721 South Grand Avenue, Santa Ana, CA 92705-4808
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SUBCONTRACT ORDER

EnviroMatrix Analytical, Inc.

0301250

P.O.#3158

E3130407 91

SENDING LABORATORY:

EnviroMatrix Analytical, Inc.
4340 Viewridge Ave., Ste. A
San Diego, CA 92123
Phone: (858) 560-7717
Fax: (858) 560-7763
Project Manager: Roger Lahr

RECEIVING LABORATORY:

STL/ Severn Trent Services-Santa Ana
1721 South Grand Avenue
Santa Ana, California 92705
Phone :(714) 258-8610
Fax: (714) 258-0921

Normal TAT

Note: Reference WO# 0301250 in report.

Please fax signed copy of Subcontract Order.

Analysis		Laboratory ID	Comments
Sample ID: AMW - 4 - 100' - 064842			
Sample Matrix: Air	Sampled:01/31/03 10:50		Pacific
TO-15, VOCs in Air			14
ASTM-D1946			30
Containers Supplied:			
Summa Canister (A)			
Sample ID: AMW - 2 - probe7 - 9101B			
Sample Matrix: Air	Sampled:01/31/03 11:10		Pacific
TO-15, VOCs in Air			14
ASTM-D1946			30
Containers Supplied:			
Summa Canister (A)			
Sample ID: AMW - 1 - probe15 - 93124			
Sample Matrix: Air	Sampled:01/31/03 11:46		Pacific
TO-15, VOCs in Air			14
ASTM-D1946			30
Containers Supplied:			
Summa Canister (A)			
Sample ID: AMW - 5 - probe11 - A-329			
Sample Matrix: Air	Sampled:01/31/03 12:19		Pacific
TO-15, VOCs in Air			14
ASTM-D1946			30
Containers Supplied:			
Summa Canister (A)			
Sample ID: AMW - 3 - GW - 8d - 02706			
Sample Matrix: Air	Sampled:01/31/03 12:49		Pacific
TO-15, VOCs in Air			14
ASTM-D1946			30
Containers Supplied:			
Summa Canister (A)			

Released By	Date	Received By	Date
Michael J. Faulkner	2/3/03	Fed Ex	2/3/03
Fed Ex	2/4/03	[signature]	2/4/03 1030
Released By	Date	Received By	Date

SEVERN TRENT SERVICES

CANISTER FIELD DATA RECORD

CLIENT: Envirometrix Analytical Inc
CANISTER SERIAL #: 064842
DATE CLEANED: 12-26-02B
CLIENT SAMPLE #:
SITE LOCATION:

VFR ID:
Duration of comp. : hrs. / mins.
Flow setting: ml/min
Initials:

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	12-30-02	SL
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	10.96	2-6-3	[illegible]
FINAL PRESSURE (PSIA)	84.43	2-6-3	[illegible]

Pressurization Gas: N_2

COMMENTS:

2.2290

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 Min.	316 – 333
30 Min.	158 – 166.7
1	79.2 – 83.3
2	39.6 – 41.7
4	19.8 – 20.8
6	13.2 – 13.9
8	9.9 – 10.4
10	7.92 – 8.3
12	6.6 – 6.9
24	3.5 – 4.0

2

SEVERN TRENT SERVICES

CANISTER FIELD DATA RECORD

CLIENT: Enviromatrix Analytical Inc
CANISTER SERIAL #: 9101B
DATE CLEANED: 12-26-02B
CLIENT SAMPLE #:
SITE LOCATION:

VFR ID:
Duration of comp. : hrs. / mins.
Flow setting: ml/min
Initials:

READING	TIME	Vac. (Inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	12-30-02	SL
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (Inches Hg and PSIA)	8.38	2-6-3	[illegible]
FINAL PRESSURE (PSIA)	23.75	2-6-3	[illegible]

Pressurization Gas: N_2

COMMENTS:

2.8341

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 Min.	316 – 333
30 Min.	158 – 166.7
1	79.2 – 83.3
2	39.6 – 41.7
4	19.8 – 20.8
6	13.2 – 13.9
8	9.9 – 10.4
10	7.92 – 8.3
12	6.6 – 6.9
24	3.5 – 4.0

3

SEVERN TRENT SERVICES

CANISTER FIELD DATA RECORD

CLIENT: Enviromatrix Analytical Inc
CANISTER SERIAL #: 93124
DATE CLEANED: 12-26-02B
CLIENT SAMPLE #:
SITE LOCATION:

VFR ID:
Duration of comp. : hrs. / mins.
Flow setting: ml/min
Initials:

READING	TIME	Vac. (Inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	12-30-02	SL
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (Inches Hg and PSIA)	13.32	2-6-3	"
FINAL PRESSURE (PSIA)	24.19	2-6-03	"

Pressurization Gas: N_2

COMMENTS:

1.8161

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 Min.	316 – 333
30 Min.	158 – 166.7
1	79.2 – 83.3
2	39.6 – 41.7
4	19.8 – 20.8
6	13.2 – 13.9
8	9.9 – 10.4
10	7.92 – 8.3
12	6.6 – 6.9
24	3.5 – 4.0

4

SEVERN TRENT SERVICES

CANISTER FIELD DATA RECORD

CLIENT: Envirometrix Analytical Inc
CANISTER SERIAL #: A-329
DATE CLEANED: 12-26-02B
CLIENT SAMPLE #:
SITE LOCATION:

VFR ID:
Duration of comp. : hrs. mins.
Flow setting: ml/min
Initials:

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	12-30-02	SL
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	12-96	2-6-3	"
FINAL PRESSURE (PSIA)	24.60	2-6-03	"

Pressurization Gas: N_2

COMMENTS:
1.8981

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 Min.	316 – 333
30 Min.	158 – 166.7
1	79.2 – 83.3
2	39.6 – 41.7
4	19.8 – 20.8
6	13.2 – 13.9
8	9.9 – 10.4
10	7.92 – 8.3
12	6.6 – 6.9
24	3.5 – 4.0

5

SEVERN TRENT SERVICES

CANISTER FIELD DATA RECORD

CLIENT: Envirometrix Analytical Inc
CANISTER SERIAL #: 02706
DATE CLEANED: 12-26-02B
CLIENT SAMPLE #:
SITE LOCATION:

VFR ID:
Duration of comp. : hrs. / mins.
Flow setting: ml/min
Initials:

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	12-30-02	SL
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)	12.74	2-6-03	
FINAL PRESSURE (PSIA)	24.48	2-6-03	

Pressurization Gas: N_2

COMMENTS:

1. 9215

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 Min.	316 – 333
30 Min.	158 – 166.7
1	79.2 – 83.3
2	39.6 – 41.7
4	19.8 – 20.8
6	13.2 – 13.9
8	9.9 – 10.4
10	7.92 – 8.3
12	6.6 – 6.9
24	3.5 – 4.0

6
(UNUSED-1)

SEVERN TRENT SERVICES

CANISTER FIELD DATA RECORD

CLIENT: Environetrix Analytical Inc
CANISTER SERIAL #: A-180
DATE CLEANED: 12-26-02B
CLIENT SAMPLE #:
SITE LOCATION:

VFR ID:
Duration of comp. : hrs. / mins.
Flow setting: ml/min
Initials:

READING	TIME	Vac. (inches Hg) Or PRESS. (psig)	DATE	INITIALS
INITIAL VACUUM CHECK		30"	12-30-02	SL
INITIAL FIELD VACUUM				
FINAL FIELD READING				
GAUGE READING UPON RECEIPT				

LABORATORY CANISTER PRESSURIZATION			
INITIAL VACUUM (inches Hg and PSIA)			
FINAL PRESSURE (PSIA)			

Pressurization Gas: _____

COMMENTS:

COMPOSITE TIME (HOURS)	FLOW RATE RANGE (ml/min)
15 Min.	316 – 333
30 Min.	158 – 166.7
1	79.2 – 83.3
2	39.6 – 41.7
4	19.8 – 20.8
6	13.2 – 13.9
8	9.9 – 10.4
10	7.92 – 8.3
12	6.6 – 6.9
24	3.5 – 4.0

SEVERN TRENT STL

Analytical Report

ANALYTICAL REPORT

PROJECT NO. WO#0301250

SAN DIEGO

Lot #: E3B040291

Roger Lahr

EnviroMatrix Analytical Inc

SEVERN TRENT LABORATORIES, INC.

Jesse Bacwaden
Project Manager

February 13, 2003

EXECUTIVE SUMMARY - Detection Highlights

E3B040291

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
AMW-4-100'-064842 01/31/03 10:50 001				
Carbon dioxide	4.5	0.022	%(v/v)	ASTM D1946
Oxygen	16	0.22	%(v/v)	ASTM D1946
Nitrogen	83	2.2	%(v/v)	ASTM D1946
Methane	0.068	0.00045	%(v/v)	ASTM D1946
Acetone	14	11	ppb(v/v)	EPA-2 TO-15
Chloroform	10	2.8	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	330	2.8	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	27	2.8	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	17	2.8	ppb(v/v)	EPA-2 TO-15
Toluene	48	4.2	ppb(v/v)	EPA-2 TO-15
Trichloroethene	11	2.8	ppb(v/v)	EPA-2 TO-15
AMW-2-PROBE 7-9101B 01/31/03 11:10 002				
Carbon dioxide	8.7	0.028	%(v/v)	ASTM D1946
Oxygen	11	0.28	%(v/v)	ASTM D1946
Nitrogen	84	2.8	%(v/v)	ASTM D1946
Methane	0.036	0.00057	%(v/v)	ASTM D1946
Acetone	8.3	0.80	ppb(v/v)	EPA-2 TO-15
Benzene	1.1	0.20	ppb(v/v)	EPA-2 TO-15
Chloroform	0.21	0.20	ppb(v/v)	EPA-2 TO-15
Chloromethane	0.55	0.40	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	9.6	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloroethane	0.26	0.20	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	79	1.4	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	0.50	0.20	ppb(v/v)	EPA-2 TO-15
4-Ethyltoluene	0.83	0.40	ppb(v/v)	EPA-2 TO-15
Methylene chloride	6.9	0.20	ppb(v/v)	EPA-2 TO-15
Styrene	0.25 JA	0.20	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	0.50	0.20	ppb(v/v)	EPA-2 TO-15
Toluene	2.9	0.30	ppb(v/v)	EPA-2 TO-15
1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	0.40	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	1.0	0.40	ppb(v/v)	EPA-2 TO-15
Xylenes (total)	2.9	0.50	ppb(v/v)	EPA-2 TO-15
AMW-1-PROBE 15-93124 01/31/03 11:46 003				
Carbon dioxide	19	0.018	%(v/v)	ASTM D1946
Oxygen	1.5	0.18	%(v/v)	ASTM D1946
Nitrogen	80	1.8	%(v/v)	ASTM D1946

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

B3B040291

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
AMW-1-PROBE 15-93124 01/31/03 11:46 003				
Methane	2.4	0.00036	%(v/v)	ASTM D1946
Acetone	580	18	ppb(v/v)	EPA-2 TO-15
Benzene	17	3.6	ppb(v/v)	EPA-2 TO-15
Chloroform	4.1	3.6	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	2700	36	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	9.4	3.6	ppb(v/v)	EPA-2 TO-15
trans-1,2-Dichloroethene	3.7	3.6	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	120	3.6	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	4.5	3.6	ppb(v/v)	EPA-2 TO-15
Methylene chloride	110	3.6	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	690	3.6	ppb(v/v)	EPA-2 TO-15
Toluene	5.2	3.6	ppb(v/v)	EPA-2 TO-15
Trichloroethene	110	3.6	ppb(v/v)	EPA-2 TO-15
Trichlorofluoromethane	20	3.6	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	42	3.6	ppb(v/v)	EPA-2 TO-15
Xylenes (total)	12	3.6	ppb(v/v)	EPA-2 TO-15
AMW-5-PROBE 11-A-329 01/31/03 12:19 004				
Carbon dioxide	20	0.019	%(v/v)	ASTM D1946
Oxygen	1.4	0.19	%(v/v)	ASTM D1946
Nitrogen	61	1.9	%(v/v)	ASTM D1946
Methane	19	0.00038	%(v/v)	ASTM D1946
Benzene	41	7.6	ppb(v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	10	7.6	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	8600	95	ppb(v/v)	EPA-2 TO-15
1,1-Dichloroethane	7.8	7.6	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	290	7.6	ppb(v/v)	EPA-2 TO-15
trans-1,2-Dichloroethene	20	7.6	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	450	7.6	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	190	7.6	ppb(v/v)	EPA-2 TO-15
4-Ethyltoluene	45	7.6	ppb(v/v)	EPA-2 TO-15
Methylene chloride	24	7.6	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	900	7.6	ppb(v/v)	EPA-2 TO-15
Toluene	71	7.6	ppb(v/v)	EPA-2 TO-15
Trichloroethene	250	7.6	ppb(v/v)	EPA-2 TO-15
Trichlorofluoromethane	150	7.6	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	56	7.6	ppb(v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	38	7.6	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	140	7.6	ppb(v/v)	EPA-2 TO-15
Xylenes (total)	300	7.6	ppb(v/v)	EPA-2 TO-15

(Continued on next page)

EXECUTIVE SUMMARY - Detection Highlights

E3B040291

PARAMETER	RESULT	REPORTING LIMIT	UNITS	ANALYTICAL METHOD
AMW-3-GW-8d-02706 01/31/03 12:49 005				
Carbon dioxide	32	0.019	%(v/v)	ASTM D1946
Oxygen	1.4	0.19	%(v/v)	ASTM D1946
Nitrogen	25	1.9	%(v/v)	ASTM D1946
Methane	43	0.00038	%(v/v)	ASTM D1946
Acetone	190	64	ppb(v/v)	EPA-2 TO-15
Benzene	68	13	ppb(v/v)	EPA-2 TO-15
Chlorobenzene	30	13	ppb(v/v)	EPA-2 TO-15
1,4-Dichlorobenzene	130	13	ppb(v/v)	EPA-2 TO-15
Dichlorodifluoromethane	1600	13	ppb(v/v)	EPA-2 TO-15
cis-1,2-Dichloroethene	66	13	ppb(v/v)	EPA-2 TO-15
1,2-Dichloro-1,1,2,2-tetrafluoroethane	530	13	ppb(v/v)	EPA-2 TO-15
Ethylbenzene	1000	13	ppb(v/v)	EPA-2 TO-15
4-Ethyltoluene	340	13	ppb(v/v)	EPA-2 TO-15
Methylene chloride	19	13	ppb(v/v)	EPA-2 TO-15
Tetrachloroethene	45	13	ppb(v/v)	EPA-2 TO-15
Toluene	900	13	ppb(v/v)	EPA-2 TO-15
Trichloroethene	73	13	ppb(v/v)	EPA-2 TO-15
1,2,4-Trimethylbenzene	420	13	ppb(v/v)	EPA-2 TO-15
1,3,5-Trimethylbenzene	170	13	ppb(v/v)	EPA-2 TO-15
Vinyl chloride	230	13	ppb(v/v)	EPA-2 TO-15
Xylenes (total)	1900	13	ppb(v/v)	EPA-2 TO-15

ANALYTICAL METHODS SUMMARY

E3B040291

PARAMETER	ANALYTICAL METHOD
Fixed Gases	ASTM D1946
Volatile Organics by TO15	EPA-2 TO-15

References:

ASTM Annual Book Of ASTM Standards.

EPA-2 "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/0106, January 1997.

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-4-100'-064842

GC/MS Volatiles

Lot-Sample #...: E3B040291-001 Work Order #...: FG4851AC Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,1,2,2-Tetrachloroethane	ND	2.8	ppb(v/v)
Tetrachloroethene	17	2.8	ppb(v/v)
Toluene	48	4.2	ppb(v/v)
1,2,4-Trichloro-benzene	ND	11	ppb(v/v)
1,1,1-Trichloroethane	ND	2.8	ppb(v/v)
1,1,2-Trichloroethane	ND	2.8	ppb(v/v)
Trichloroethene	11	2.8	ppb(v/v)
Trichlorofluoromethane	ND	5.5	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.5	ppb(v/v)
1,2,4-Trimethylbenzene	ND	5.5	ppb(v/v)
1,3,5-Trimethylbenzene	ND	5.5	ppb(v/v)
Vinyl acetate	ND	14	ppb(v/v)
Vinyl chloride	ND	2.8	ppb(v/v)
Xylenes (total)	ND	6.9	ppb(v/v)

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-4-100'-064842

GC Volatiles

Lot-Sample #...: E3B040291-001 Work Order #...: FG4851AD Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/07/03 Analysis Date..: 02/07/03
Prep Batch #...: 3038285
Dilution Factor: 2.23
Analyst ID.....: 101605 Instrument ID..: GC3
Method.....: ASTM D1946

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Carbon dioxide	4.5	0.022	%(v/v)
Oxygen	16	0.22	%(v/v)
Nitrogen	83	2.2	%(v/v)
Methane	0.068	0.00045	%(v/v)
Carbon monoxide	ND	0.0022	%(v/v)

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-2-PROBE 7-9101B

GC/MS Volatiles

Lot-Sample #...: E3B040291-002 Work Order #...: FG4871AC Matrix.....: AIR

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Toluene	2.9	0.30	ppb(v/v)
1,2,4-Trichloro-benzene	ND	0.80	ppb(v/v)
1,1,1-Trichloroethane	ND	0.20	ppb(v/v)
1,1,2-Trichloroethane	ND	0.20	ppb(v/v)
Trichloroethene	ND	0.20	ppb(v/v)
Trichlorofluoromethane	ND	0.40	ppb(v/v)
1,1,2-Trichloro-1,2,2-trifluoroethane	1.8	0.40	ppb(v/v)
1,2,4-Trimethylbenzene	1.0	0.40	ppb(v/v)
1,3,5-Trimethylbenzene	ND	0.40	ppb(v/v)
Vinyl acetate	ND	1.0	ppb(v/v)
Vinyl chloride	ND	0.20	ppb(v/v)
Xylenes (total)	2.9	0.50	ppb(v/v)

NOTE(S):

JA The analyte was positively identified, but the quantitation is an estimate.

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-2-PROBE 7-9101B

GC/MS Volatiles

Lot-Sample #...: E3B040291-002 Work Order #...: FG4872AC Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/12/03 Analysis Date..: 02/12/03
Prep Batch #...: 3043271
Dilution Factor: 7.1
Analyst ID.....: 341569 Instrument ID..: MSC
Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
1,2-Dichloro-1,1,2,2-tetrafluoroethane	79	1.4	ppb(v/v)

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-2-PROBE 7-9101B

GC Volatiles

Lot-Sample #...: E3B040291-002 Work Order #...: FG4871AD Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/07/03 Analysis Date..: 02/07/03
Prep Batch #...: 3038285
Dilution Factor: 2.83
Analyst ID.....: 101605 Instrument ID..: GC3
Method.....: ASTM D1946

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Carbon dioxide	8.7	0.028	%(v/v)
Oxygen	11	0.28	%(v/v)
Nitrogen	84	2.8	%(v/v)
Methane	0.036	0.00057	%(v/v)
Carbon monoxide	ND	0.0028	%(v/v)

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-1-PROBE 15-93124

GC/MS Volatiles

Lot-Sample #...: E3B040291-003 Work Order #...: FG4881AE Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/10/03 Analysis Date..: 02/10/03
Prep Batch #...: 3042397
Dilution Factor: 1.82
Analyst ID.....: 117751 Instrument ID..: MSA
Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	**580**	**18**	**ppb(v/v)**
Benzene	**17**	**3.6**	**ppb(v/v)**
Benzyl chloride	ND	18	ppb(v/v)
Bromodichloromethane	ND	3.6	ppb(v/v)
Bromoform	ND	3.6	ppb(v/v)
Bromomethane	ND	3.6	ppb(v/v)
2-Butanone (MEK)	ND	18	ppb(v/v)
Carbon disulfide	ND	18	ppb(v/v)
Carbon tetrachloride	ND	3.6	ppb(v/v)
Chlorobenzene	ND	3.6	ppb(v/v)
Dibromochloromethane	ND	3.6	ppb(v/v)
Chloroethane	ND	7.3	ppb(v/v)
Chloroform	**4.1**	**3.6**	**ppb(v/v)**
Chloromethane	ND	7.3	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	3.6	ppb(v/v)
1,2-Dichlorobenzene	ND	3.6	ppb(v/v)
1,3-Dichlorobenzene	ND	3.6	ppb(v/v)
1,4-Dichlorobenzene	ND	3.6	ppb(v/v)
1,1-Dichloroethane	ND	3.6	ppb(v/v)
1,2-Dichloroethane	ND	3.6	ppb(v/v)
cis-1,2-Dichloroethene	**9.4**	**3.6**	**ppb(v/v)**
trans-1,2-Dichloroethene	**3.7**	**3.6**	**ppb(v/v)**
1,1-Dichloroethene	ND	3.6	ppb(v/v)
1,2-Dichloropropane	ND	3.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	3.6	ppb(v/v)
trans-1,3-Dichloropropene	ND	3.6	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**120**	**3.6**	**ppb(v/v)**
Ethylbenzene	**4.5**	**3.6**	**ppb(v/v)**
4-Ethyltoluene	ND	3.6	ppb(v/v)
Hexachlorobutadiene	ND	7.3	ppb(v/v)
2-Hexanone	ND	18	ppb(v/v)
Methylene chloride	**110**	**3.6**	**ppb(v/v)**
4-Methyl-2-pentanone (MIBK)	ND	18	ppb(v/v)
Styrene	ND	3.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	3.6	ppb(v/v)

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ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-1-PROBE 15-93124

GC/MS Volatiles

Lot-Sample #...: E3B040291-003 Work Order #...: FG4882AE Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/11/03 Analysis Date..: 02/11/03
Prep Batch #...: 3042397
Dilution Factor: 18.2
Analyst ID.....: 117751 Instrument ID..: MSA
Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Dichlorodifluoromethane	2700	36	ppb(v/v)

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-1-PROBE 15-93124

GC Volatiles

Lot-Sample #...: E3B040291-003 Work Order #...: FG4881AD Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/07/03 Analysis Date..: 02/07/03
Prep Batch #...: 3038285
Dilution Factor: 1.82
Analyst ID.....: 101605 Instrument ID..: GC3
Method.....: ASTM D1946

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Carbon dioxide	19	0.018	%(v/v)
Oxygen	1.5	0.18	%(v/v)
Nitrogen	80	1.8	%(v/v)
Methane	2.4	0.00036	%(v/v)
Carbon monoxide	ND	0.0018	%(v/v)

ENVIROMATRIX ANALYTICAL INC

Client Sample ID: AMW-5-PROBE 11-A-329

GC/MS Volatiles

Lot-Sample #...: E3B040291-004 Work Order #...: FG4891AE Matrix.....: AIR
Date Sampled...: 01/31/03 Date Received..: 02/04/03
Prep Date.....: 02/10/03 Analysis Date..: 02/10/03
Prep Batch #...: 3042397
Dilution Factor: 3.78
Analyst ID.....: 117751 Instrument ID..: MSA
Method.....: EPA-2 TO-15

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	38	ppb(v/v)
Benzene	**41**	**7.6**	**ppb(v/v)**
Benzyl chloride	ND	38	ppb(v/v)
Bromodichloromethane	ND	7.6	ppb(v/v)
Bromoform	ND	7.6	ppb(v/v)
Bromomethane	ND	7.6	ppb(v/v)
2-Butanone (MEK)	ND	38	ppb(v/v)
Carbon disulfide	ND	38	ppb(v/v)
Carbon tetrachloride	ND	7.6	ppb(v/v)
Chlorobenzene	ND	7.6	ppb(v/v)
Dibromochloromethane	ND	7.6	ppb(v/v)
Chloroethane	ND	15	ppb(v/v)
Chloroform	ND	7.6	ppb(v/v)
Chloromethane	ND	15	ppb(v/v)
1,2-Dibromoethane (EDB)	ND	7.6	ppb(v/v)
1,2-Dichlorobenzene	ND	7.6	ppb(v/v)
1,3-Dichlorobenzene	ND	7.6	ppb(v/v)
1,4-Dichlorobenzene	**10**	**7.6**	**ppb(v/v)**
1,1-Dichloroethane	**7.8**	**7.6**	**ppb(v/v)**
1,2-Dichloroethane	ND	7.6	ppb(v/v)
cis-1,2-Dichloroethene	**290**	**7.6**	**ppb(v/v)**
trans-1,2-Dichloroethene	**20**	**7.6**	**ppb(v/v)**
1,1-Dichloroethene	ND	7.6	ppb(v/v)
1,2-Dichloropropane	ND	7.6	ppb(v/v)
cis-1,3-Dichloropropene	ND	7.6	ppb(v/v)
trans-1,3-Dichloropropene	ND	7.6	ppb(v/v)
1,2-Dichloro-1,1,2,2-tetrafluoroethane	**450**	**7.6**	**ppb(v/v)**
Ethylbenzene	**190**	**7.6**	**ppb(v/v)**
4-Ethyltoluene	**45**	**7.6**	**ppb(v/v)**
Hexachlorobutadiene	ND	15	ppb(v/v)
2-Hexanone	ND	38	ppb(v/v)
Methylene chloride	**24**	**7.6**	**ppb(v/v)**
4-Methyl-2-pentanone (MIBK)	ND	38	ppb(v/v)
Styrene	ND	7.6	ppb(v/v)
1,1,2,2-Tetrachloroethane	ND	7.6	ppb(v/v)

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