

AP - 012

**STAGE 1 & 2
WORKPLANS**

DATE:

Feb. 2005

**SITE RESTORATION WORK PLAN
AND
PROPOSED CLOSURE STRATEGY**

**TNM 98-05B
Section 26, Township 21 South, Range 37 East
Lea County, New Mexico
Plains EMS Number: TNM-98-05B**

Volume 2 of 2

AP-12

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Prepared For:

Plains Marketing, L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002



Prepared By:

NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

February 2005

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Appendix B:
Groundwater Laboratory Reports

Report Date: July 18, 2001 Order Number: A01062513
EOT 2056C TNM 98-05

Page Number: 1 of 5
Lea County, NM

Summary Report

Ken Dutton
ETGI
2540 W. Marland
Hobbs, NM

Report Date: July 18, 2001

Order ID Number: A01062513

Project Number: EOT 2056C
Project Name: TNM 98-05
Project Location: Lea County, NM

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
173976	MW-1	Water	6/20/01	15:25	6/23/01
173977	MW-2	Water	6/20/01	14:30	6/23/01
173978	MW-3	Water	6/20/01	14:00	6/23/01
173979	MW-4	Water	6/20/01	13:40	6/23/01
173980	MW-5	Water	6/20/01	15:00	6/23/01
173981	EB-1	Water	6/20/01	16:00	6/23/01

This report consists of a total of 5 page(s) and is intended only as a summary of results for the sample(s) listed above.

Sample - Field Code	BTEX					TPH DRO	TPH GRO
	Benzene (ppm)	Toluene (ppm)	Ethylbenzene (ppm)	M,P,O-Xylene (ppm)	Total BTEX (ppm)	DRO (ppm)	GRO (ppm)
173976 - MW-1	0.0672	0.017	<0.005	0.0181	0.102	<5	0.626
173977 - MW-2	0.119	0.0905	0.005	0.0115	0.226	<5	0.516
173978 - MW-3	0.0077	<0.005	<0.005	<0.005	0.0077	<5	<0.5
173979 - MW-4	<0.005	<0.005	<0.005	<0.005	<0.005	<5	<0.5
173980 - MW-5	0.0708	0.0582	<0.005	0.0078	0.137	<5	<0.5
173981 - EB-1	<0.005	<0.005	<0.005	<0.005	<0.005	-	-

Sample: 173976 - MW-1

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		216	mg/L as CaCo3
Total Alkalinity		216	mg/L as CaCo3
Specific Conductance		1380	μMHOS/cm
Total Mercury		<0.0002	mg/L
CL		200	mg/L
Fluoride		3.68	mg/L
Nitrate-N	1	2.03	mg/L
Sulfate		184	mg/L
Naphthalene		<0.005	mg/L
Acenaphthylene		<0.005	mg/L
Acenaphthene		<0.005	mg/L

Continued on next page ...

¹ Sample was received out of hold time for NO3.

Report Date: July 18, 2001 Order Number: A01062513

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Lea County, NM

Sample 173976 continued ...

Param	Flag	Result	Units
Fluorene		<0.005	mg/L
Phenanthrene		<0.005	mg/L
Anthracene		<0.005	mg/L
Fluoranthene		<0.005	mg/L
Pyrene		<0.005	mg/L
Benzo(a)anthracene		<0.005	mg/L
Chrysene		<0.005	mg/L
Benzo(b)fluoranthene		<0.005	mg/L
Benzo(k)fluoranthene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L
Indeno(1,2,3-cd)pyrene		<0.005	mg/L
Dibenzo(a,h)anthracene		<0.005	mg/L
Benzo(g,h,i)perylene		<0.005	mg/L
Dissolved Calcium		97	mg/L
Dissolved Magnesium		38.0	mg/L
Dissolved Potassium		8.17	mg/L
Dissolved Sodium		131	mg/L
Total Dissolved Solids		866	mg/L
Total Arsenic		<0.05	mg/L
Total Barium		0.456	mg/L
Total Cadmium		<0.025	mg/L
Total Chromium		0.0674	mg/L
Total Lead		0.0193	mg/L
Total Selenium		<0.05	mg/L
Total Silver		<0.0125	mg/L
pH	2	7.7	s.u.

Sample: 173977 - MW-2

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		178	mg/L as CaCo3
Total Alkalinity		178	mg/L as CaCo3
Specific Conductance		1420	μ MHOS/cm
Total Mercury		<0.0002	mg/L
CL		224	mg/L
Fluoride		3.62	mg/L
Nitrate-N	3	2.35	mg/L
Sulfate		188	mg/L
Naphthalene		<0.005	mg/L
Acenaphthylene		<0.005	mg/L
Acenaphthene		<0.005	mg/L
Fluorene		<0.005	mg/L
Phenanthrene		<0.005	mg/L
Anthracene		<0.005	mg/L
Fluoranthene		<0.005	mg/L
Pyrene		<0.005	mg/L
Benzo(a)anthracene		<0.005	mg/L
Chrysene		<0.005	mg/L

Continued on next page ...

²Sample out of holding time³Sample was received out of hold time for NO3.

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TNM 98-05

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Lea County, NM

Sample 173977 continued ...

Param	Flag	Result	Units
Benzo(b)fluoranthene		<0.005	mg/L
Benzo(k)fluoranthene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L
Indeno(1,2,3-cd)pyrene		<0.005	mg/L
Dibenzo(a,h)anthracene		<0.005	mg/L
Benzo(g,h,i)perylene		<0.005	mg/L
Test Comments		<0.005	mg/L
Dissolved Calcium		83.3	mg/L
Dissolved Magnesium		40.0	mg/L
Dissolved Potassium		7.80	mg/L
Dissolved Sodium		125	mg/L
Total Dissolved Solids		861	mg/L
Total Arsenic		<0.05	mg/L
Total Barium		0.414	mg/L
Total Cadmium		<0.025	mg/L
Total Chromium		0.0599	mg/L
Total Lead		0.0159	mg/L
Total Selenium		<0.05	mg/L
Total Silver		<0.0125	mg/L
pH	4	7.8	s.u.

Sample: 173978 - MW-3

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		174	mg/L as CaCo3
Total Alkalinity		174	mg/L as CaCo3
Specific Conductance		1380	μ MHOS/cm
Total Mercury		<0.0002	mg/L
CL		214	mg/L
Fluoride		3.33	mg/L
Nitrate-N	5	2.29	mg/L
Sulfate		184	mg/L
Acenaphthylene		<0.005	mg/L
Acenaphthene		<0.005	mg/L
Fluorene		<0.005	mg/L
Phenanthrene		<0.005	mg/L
Anthracene		<0.005	mg/L
Fluoranthene		<0.005	mg/L
Pyrene		<0.005	mg/L
Benzo(a)anthracene		<0.005	mg/L
Chrysene		<0.005	mg/L
Benzo(b)fluoranthene		<0.005	mg/L
Benzo(k)fluoranthene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L
Indeno(1,2,3-cd)pyrene		<0.005	mg/L
Dibenzo(a,h)anthracene		<0.005	mg/L
Benzo(g,h,i)perylene		<0.005	mg/L
Dissolved Calcium		80.6	mg/L

Continued on next page ...

⁴ Sample out of holding time⁵ Sample was received out of hold time for NO3.

Report Date: July 18, 2001 Order Number: A01062513

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Sample 173978 continued ...

Param	Flag	Result	Units
Dissolved Magnesium		38.0	mg/L
Dissolved Potassium		7.73	mg/L
Dissolved Sodium		129	mg/L
Total Dissolved Solids		865	mg/L
Total Arsenic		<0.05	mg/L
Total Barium		0.437	mg/L
Total Cadmium		<0.025	mg/L
Total Chromium		0.0179	mg/L
Total Lead		0.0186	mg/L
Total Selenium		<0.05	mg/L
Total Silver		<0.0125	mg/L
pH	6	7.9	s.u.

Sample: 173979 - MW-4

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		178	mg/L as CaCo3
Total Alkalinity		178	mg/L as CaCo3
Specific Conductance		1360	µMHOS/cm
Total Mercury		<0.0002	mg/L
CL		197	mg/L
Fluoride		3.69	mg/L
Nitrate-N	7	2.13	mg/L
Sulfate		196	mg/L
Naphthalene		<0.005	mg/L
Acenaphthylene		<0.005	mg/L
Acenaphthene		<0.005	mg/L
Fluorene		<0.005	mg/L
Phenanthrene		<0.005	mg/L
Anthracene		<0.005	mg/L
Fluoranthene		<0.005	mg/L
Pyrene		<0.005	mg/L
Benzo(a)anthracene		<0.005	mg/L
Chrysene		<0.005	mg/L
Benzo(b)fluoranthene		<0.005	mg/L
Benzo(k)fluoranthene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L
Indeno(1,2,3-cd)pyrene		<0.005	mg/L
Dibenzo(a,h)anthracene		<0.005	mg/L
Benzo(g,h,i)perylene		<0.005	mg/L
Dissolved Calcium		88	mg/L
Dissolved Magnesium		38.9	mg/L
Dissolved Potassium		8.96	mg/L
Dissolved Sodium		148	mg/L
Total Dissolved Solids		867	mg/L
Total Arsenic		<0.05	mg/L
Total Barium		0.622	mg/L
Total Cadmium		<0.025	mg/L

*Continued on next page ...*⁶ Sample out of holding time⁷ Sample was received out of hold time for NO3.

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Lea County: NM

Sample 173979 continued ...

Param	Flag	Result	Units
Total Chromium		0.0389	mg/L
Total Lead		0.0203	mg/L
Total Selenium		<0.05	mg/L
Total Silver		<0.0125	mg/L
pH	8	7.9	s.u.

Sample: 173980 - MW-5

Param	Flag	Result	Units
Hydroxide Alkalinity		<1.0	mg/L as CaCo3
Carbonate Alkalinity		<1.0	mg/L as CaCo3
Bicarbonate Alkalinity		182	mg/L as CaCo3
Total Alkalinity		182	mg/L as CaCo3
Specific Conductance		1350	μ MHOS/cm
Total Mercury		<0.0002	mg/L
CL		200	mg/L
Fluoride		3.45	mg/L
Nitrate-N	9	2.04	mg/L
Sulfate		186	mg/L
Naphthalene		<0.005	mg/L
Acenaphthylene		<0.005	mg/L
Acenaphthene		<0.005	mg/L
Fluorene		<0.005	mg/L
Phenanthrene		<0.005	mg/L
Anthracene		<0.005	mg/L
Fluoranthene		<0.005	mg/L
Pyrene		<0.005	mg/L
Benzo(a)anthracene		<0.005	mg/L
Chrysene		<0.005	mg/L
Benzo(b)fluoranthene		<0.005	mg/L
Benzo(k)fluoranthene		<0.005	mg/L
Benzo(a)pyrene		<0.005	mg/L
Indeno(1,2,3-cd)pyrene		<0.005	mg/L
Dibenzo(a,h)anthracene		<0.005	mg/L
Benzo(g,h,i)perylene		<0.005	mg/L
Dissolved Calcium		93.5	mg/L
Dissolved Magnesium		43.6	mg/L
Dissolved Potassium		8.72	mg/L
Dissolved Sodium		140	mg/L
Total Dissolved Solids		875	mg/L
Total Arsenic		<0.05	mg/L
Total Barium		0.479	mg/L
Total Cadmium		<0.025	mg/L
Total Chromium		0.062	mg/L
Total Lead		0.0251	mg/L
Total Selenium		<0.05	mg/L
Total Silver		<0.0125	mg/L
pH	10	7.9	s.u.

⁸ Out of holding time⁹ Sample was received out of hold time for NO3.¹⁰ Out of holding time

TRACE ANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9
155 McCutcheon, Suite H

Lubbock, Texas 79424
El Paso, Texas 79932

800•378•1296

806•794•1296

FAX 806•794•1296

886•588•3443

915•585•3443

FAX 915•585•4944

E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Ken Dutton
ETGI
2540 W. Marland
Hobbs, NM

Report Date: July 18, 2001

Order ID Number: A01062513

Project Number: EOT 2056C
Project Name: TNM 98-05
Project Location: Lea County, NM

Enclosed are the Analytical Results and Quality Control Data Reports for the following samples submitted to Trace Analysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
173976	MW-1	Water	6/20/01	15:25	6/23/01
173977	MW-2	Water	6/20/01	14:30	6/23/01
173978	MW-3	Water	6/20/01	14:00	6/23/01
173979	MW-4	Water	6/20/01	13:40	6/23/01
173980	MW-5	Water	6/20/01	15:00	6/23/01
173981	EB-1	Water	6/20/01	16:00	6/23/01

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 33 pages and shall not be reproduced except in its entirety including the chain of custody (COC), without written approval of TraceAnalysis, Inc.


Dr. Blair Leftwich, Director

Analytical Report

Sample: 173976 - MW-1

Analysis: Alkalinity Analytical Method: E 310.1 QC Batch: QC12334 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10563 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		216	mg/L as CaCo3	1	1
Total Alkalinity		216	mg/L as CaCo3	1	1

Sample: 173976 - MW-1

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12277 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: E 5030B Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0672	mg/L	5	0.001
Toluene		0.017	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		0.0181	mg/L	5	0.001
Total BTEX		0.102	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.446	mg/L	1	0.10	89	72 - 128
4-BFB		0.405	mg/L	1	0.10	81	72 - 128

Sample: 173976 - MW-1

Analysis: Conductivity Analytical Method: SM 2510B QC Batch: QC12338 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10561 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		1380	μMHOS/cm	1	

Sample: 173976 - MW-1

Analysis: Hg, Total Analytical Method: S 7470A QC Batch: QC12259 Date Analyzed: 6/27/01
Analyst: SSC Preparation Method: N/A Prep Batch: PB10456 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 173976 - MW-1

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC12364 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10580 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
CL		200	mg/L	10	0.50
Fluoride		3.68	mg/L	5	0.20
Nitrate-N	1	2.03	mg/L	5	0.20
Sulfate		184	mg/L	5	0.50

Sample: 173976 - MW-1

Analysis: PAH Analytical Method: S 8270C QC Batch: QC12583 Date Analyzed: 6/28/01
Analyst: RC Preparation Method: E 3510C Prep Batch: PB10759 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		71.03	mg/L	1	80	88	35 - 114
2-Fluorobiphenyl		74.35	mg/L	1	80	92	43 - 116
Terphenyl-d14		83.35	mg/L	1	80	104	33 - 141

Sample: 173976 - MW-1

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC12460 Date Analyzed: 7/9/01
Analyst: LDB Preparation Method: E 3005 A Prep Batch: PB10589 Date Prepared: 7/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		97	mg/L	1	0.50
Dissolved Magnesium		38.0	mg/L	1	0.50
Dissolved Potassium		8.17	mg/L	1	0.50
Dissolved Sodium		131	mg/L	1	0.50

Sample: 173976 - MW-1

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC12337 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10562 Date Prepared: 6/27/01

¹ Sample was received out of hold time for NO3.

Report Date: July 18, 2001
EOT 2056C

Order Number: A01062513
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Lea County, NM

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		866	mg/L	1	10

Sample: 173976 - MW-1

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC12309 Date Analyzed: 6/30/01
Analyst: JJ Preparation Method: 3510C - Mod. Prep Batch: PB10534 Date Prepared: 6/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Octane		20.3	mg/L	0.10	250	81	70 - 130

Sample: 173976 - MW-1

Analysis: TPH GRO Analytical Method: Mod. 602 QC Batch: QC12278 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: 5030 Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
GRO		0.626	mg/L	5	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.498	mg/L	5	0.10	100	70 - 130
4-BFB		0.418	mg/L	5	0.10	84	70 - 130

Sample: 173976 - MW-1

Analysis: Total Metals Analytical Method: S 6010B QC Batch: QC12595 Date Analyzed: 7/13/01
Analyst: RR Preparation Method: E 3010A Prep Batch: PB10442 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.05	mg/L	1	0.05
Total Barium		0.456	mg/L	1	0.10
Total Cadmium		<0.025	mg/L	1	0.02
Total Chromium		0.0674	mg/L	1	0.01
Total Lead		0.0193	mg/L	1	0.01
Total Selenium		<0.05	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 173976 - MW-1

Analysis: pH Analytical Method: E 150.1 QC Batch: QC12241 Date Analyzed: 6/25/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10468 Date Prepared: 6/25/01

Param	Flag	Result	Units	Dilution	RDL
pH	2	7.7	s.u.	1	1

² Sample out of holding time

Sample: 173977 - MW-2

Analysis: Alkalinity Analytical Method: E 310.1 QC Batch: QC12334 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10503 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		178	mg/L as CaCo3	1	1
Total Alkalinity		178	mg/L as CaCo3	1	1

Sample: 173977 - MW-2

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12277 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: E 5030B Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.119	mg/L	5	0.001
Toluene		0.0905	mg/L	5	0.001
Ethylbenzene		0.005	mg/L	5	0.001
M,P,O-Xylene		0.0115	mg/L	5	0.001
Total BTEX		0.226	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.448	mg/L	1	0.10	89	72 - 128
4-BFB		0.405	mg/L	1	0.10	81	72 - 128

Sample: 173977 - MW-2

Analysis: Conductivity Analytical Method: SM 2510B QC Batch: QC12338 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10561 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		1420	µMHOS/cm	1	

Sample: 173977 - MW-2

Analysis: Hg, Total Analytical Method: S 7470A QC Batch: QC12259 Date Analyzed: 6/27/01
Analyst: SSC Preparation Method: N/A Prep Batch: PB10456 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 173977 - MW-2

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC12364 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10580 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
CL		224	mg/L	10	0.50

Continued ...

... Continued Sample: 173977 Analysis: Ion Chromatography (IC)

Param	Flag	Result	Units	Dilution	RDL
Fluoride		3.62	mg/L	5	0.20
Nitrate-N	3	2.35	mg/L	5	0.20
Sulfate		188	mg/L	5	0.50

Sample: 173977 - MW-2

Analysis: PAH Analytical Method: S 8270C QC Batch: QC12583 Date Analyzed: 6/28/01
Analyst: RC Preparation Method: E 3510C Prep Batch: PB10759 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005
Test Comments		<0.005	mg/L	1	

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		73.31	mg/L	1	80	91	35 - 114
2-Fluorobiphenyl		74.65	mg/L	1	80	93	43 - 116

Sample: 173977 - MW-2

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC12460 Date Analyzed: 7/9/01
Analyst: LDB Preparation Method: E 3005 A Prep Batch: PB10589 Date Prepared: 7/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		83.3	mg/L	1	0.50
Dissolved Magnesium		40.0	mg/L	1	0.50
Dissolved Potassium		7.80	mg/L	1	0.50
Dissolved Sodium		125	mg/L	1	0.50

Sample: 173977 - MW-2

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC12337 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10562 Date Prepared: 6/27/01

³Sample was received out of hold time for NO3.

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Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		861	mg/L	1	10

Sample: 173977 - MW-2

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC12309 Date Analyzed: 6/30/01
Analyst: JJ Preparation Method: 3510C - Mod. Prep Batch: PB10534 Date Prepared: 6/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Octane		21.2	mg/L	0.10	250	85	70 - 130

Sample: 173977 - MW-2

Analysis: TPH GRO Analytical Method: Mod. 602 QC Batch: QC12278 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: 5030 Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
GRO		0.516	mg/L	5	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.502	mg/L	5	0.10	100	70 - 130
4-BFB		0.432	mg/L	5	0.10	86	70 - 130

Sample: 173977 - MW-2

Analysis: Total Metals Analytical Method: S 6010B QC Batch: QC12595 Date Analyzed: 7/13/01
Analyst: RR Preparation Method: E 3010A Prep Batch: PB10442 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.05	mg/L	1	0.05
Total Barium		0.414	mg/L	1	0.10
Total Cadmium		<0.025	mg/L	1	0.02
Total Chromium		0.0599	mg/L	1	0.01
Total Lead		0.0159	mg/L	1	0.01
Total Selenium		<0.05	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 173977 - MW-2

Analysis: pH Analytical Method: E 150.1 QC Batch: QC12241 Date Analyzed: 6/25/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10468 Date Prepared: 6/25/01

Param	Flag	Result	Units	Dilution	RDL
pH	4	7.8	s.u.	1	1

⁴Sample out of holding time

Sample: 173978 - MW-3

Analysis: Alkalinity Analytical Method: E 310.1 QC Batch: QC12334 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10503 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		174	mg/L as CaCo3	1	1
Total Alkalinity		174	mg/L as CaCo3	1	1

Sample: 173978 - MW-3

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12277 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: E 5030B Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0077	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		0.0077	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.459	mg/L	1	0.10	91	72 - 128
4-BFB		0.4	mg/L	1	0.10	80	72 - 128

Sample: 173978 - MW-3

Analysis: Conductivity Analytical Method: SM 2510B QC Batch: QC12338 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10561 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		1380	μMHOS/cm	1	

Sample: 173978 - MW-3

Analysis: Hg, Total Analytical Method: S 7470A QC Batch: QC12259 Date Analyzed: 6/27/01
Analyst: SSC Preparation Method: N/A Prep Batch: PB10456 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 173978 - MW-3

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC12255 Date Analyzed: 6/26/01
Analyst: JS Preparation Method: N/A Prep Batch: PB10478 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
CL		214	mg/L	5	0.50

Continued ...

... Continued Sample: 173978 Analysis: Ion Chromatography (IC)

Param	Flag	Result	Units	Dilution	RDL
Fluoride		3.33	mg/L	5	0.20
Nitrate-N	5	2.29	mg/L	5	0.20
Sulfate		184	mg/L	5	0.50

Sample: 173978 - MW-3

Analysis: PAH Analytical Method: S 8270C QC Batch: QC12583 Date Analyzed: 6/28/01
Analyst: RC Preparation Method: E 3510C Prep Batch: PB10759 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		67.99	mg/L	1	80	84	35 - 114
2-Fluorobiphenyl		73.02	mg/L	1	80	91	43 - 116
Terphenyl-d14		78.24	mg/L	1	80	97	33 - 141

Sample: 173978 - MW-3

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC12460 Date Analyzed: 7/9/01
Analyst: LDB Preparation Method: E 3005 A Prep Batch: PB10589 Date Prepared: 7/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		80.6	mg/L	1	0.50
Dissolved Magnesium		38.0	mg/L	1	0.50
Dissolved Potassium		7.73	mg/L	1	0.50
Dissolved Sodium		129	mg/L	1	0.50

Sample: 173978 - MW-3

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC12337 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10562 Date Prepared: 6/27/01

⁵Sample was received out of hold time for NO3.

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		865	mg/L	1	10

Sample: 173978 - MW-3

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC12309 Date Analyzed: 6/30/01
Analyst: JJ Preparation Method: 3510C - Mod. Prep Batch: PB10534 Date Prepared: 6/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Octane		20.7	mg/L	0.10	250	108	70 - 130

Sample: 173978 - MW-3

Analysis: TPH GRO Analytical Method: Mod. 602 QC Batch: QC12278 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: 5030 Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
GRO		<0.5	mg/L	5	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.523	mg/L	5	0.10	105	70 - 130
4-BFB		0.41	mg/L	5	0.10	82	70 - 130

Sample: 173978 - MW-3

Analysis: Total Metals Analytical Method: S 6010B QC Batch: QC12595 Date Analyzed: 7/13/01
Analyst: RR Preparation Method: E 3010A Prep Batch: PB10442 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.05	mg/L	1	0.05
Total Barium		0.437	mg/L	1	0.10
Total Cadmium		<0.025	mg/L	1	0.02
Total Chromium		0.0179	mg/L	1	0.01
Total Lead		0.0186	mg/L	1	0.01
Total Selenium		<0.05	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 173978 - MW-3

Analysis: pH Analytical Method: E 150.1 QC Batch: QC12241 Date Analyzed: 6/25/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10468 Date Prepared: 6/25/01

Param	Flag	Result	Units	Dilution	RDL
pH		7.9	s.u.	1	1

⁶Sample out of holding time

Sample: 173979 - MW-4

Analysis: Alkalinity Analytical Method: E 310.1 QC Batch: QC12334 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10563 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		178	mg/L as CaCo3	1	1
Total Alkalinity		178	mg/L as CaCo3	1	1

Sample: 173979 - MW-4

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12277 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: E 5030B Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.472	mg/L	1	0.10	94	72 - 128
4-BFB		0.393	mg/L	1	0.10	78	72 - 128

Sample: 173979 - MW-4

Analysis: Conductivity Analytical Method: SM 2510B QC Batch: QC12338 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10561 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		1360	µMHOS/cm	1	

Sample: 173979 - MW-4

Analysis: Hg, Total Analytical Method: S 7470A QC Batch: QC12259 Date Analyzed: 6/27/01
Analyst: SSC Preparation Method: N/A Prep Batch: PB10456 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 173979 - MW-4

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC12255 Date Analyzed: 6/26/01
Analyst: JS Preparation Method: N/A Prep Batch: PB10478 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
CL		197	mg/L	10	0.50

Continued ...

... Continued Sample: 173979 Analysis: Ion Chromatography (IC)

Param	Flag	Result	Units	Dilution	RDL
Fluoride		3.69	mg/L	5	0.20
Nitrate-N	7	2.13	mg/L	5	0.20
Sulfate		196	mg/L	5	0.50

Sample: 173979 - MW-4

Analysis: PAH Analytical Method: S 8270C QC Batch: QC12583 Date Analyzed: 6/28/01
Analyst: RC Preparation Method: E 3510C Prep Batch: PB10759 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		71.95	mg/L	1	80	89	35 - 114
2-Fluorobiphenyl		65.49	mg/L	1	80	81	43 - 116
Terphenyl-d14		83.25	mg/L	1	80	104	33 - 141

Sample: 173979 - MW-4

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC12461 Date Analyzed: 7/9/01
Analyst: LDB Preparation Method: E 3005 A Prep Batch: PB10590 Date Prepared: 7/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		88	mg/L	1	0.50
Dissolved Magnesium		38.9	mg/L	1	0.50
Dissolved Potassium		8.96	mg/L	1	0.50
Dissolved Sodium		148	mg/L	1	0.50

Sample: 173979 - MW-4

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC12337 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10562 Date Prepared: 6/27/01

⁷Sample was received out of hold time for NO3.

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Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		867	mg/L	1	10

Sample: 173979 - MW-4

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC12309 Date Analyzed: 6/30/01
Analyst: JJ Preparation Method: 3510C - Mod. Prep Batch: PB10534 Date Prepared: 6/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Octane		23.5	mg/L	0.10	250	94	70 - 130

Sample: 173979 - MW-4

Analysis: TPH GRO Analytical Method: Mod. 602 QC Batch: QC12278 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: 5030 Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
GRO		<0.5	mg/L	5	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.487	mg/L	5	0.10	98	70 - 130
4-BFB		0.421	mg/L	5	0.10	84	70 - 130

Sample: 173979 - MW-4

Analysis: Total Metals Analytical Method: S 6010B QC Batch: QC12595 Date Analyzed: 7/13/01
Analyst: RR Preparation Method: E 3010A Prep Batch: PB10442 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.05	mg/L	1	0.05
Total Barium		0.622	mg/L	1	0.10
Total Cadmium		<0.025	mg/L	1	0.02
Total Chromium		0.0389	mg/L	1	0.01
Total Lead		0.0203	mg/L	1	0.01
Total Selenium		<0.05	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 173979 - MW-4

Analysis: pH Analytical Method: E 150.1 QC Batch: QC12346 Date Analyzed: 6/25/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10554 Date Prepared: 6/25/01

Param	Flag	Result	Units	Dilution	RDL
pH	⁶	7.9	s.u.	1	1

⁶Out of holding time

Sample: 173980 - MW-5

Analysis: Alkalinity Analytical Method: E 310.1 QC Batch: QC12335 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10563 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1	1
Bicarbonate Alkalinity		182	mg/L as CaCo3	1	1
Total Alkalinity		182	mg/L as CaCo3	1	1

Sample: 173980 - MW-5

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12277 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: E 5030B Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		0.0708	mg/L	5	0.001
Toluene		0.0582	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		0.0078	mg/L	5	0.001
Total BTEX		0.137	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.482	mg/L	1	0.10	96	72 - 128
4-BFB		0.397	mg/L	1	0.10	79	72 - 128

Sample: 173980 - MW-5

Analysis: Conductivity Analytical Method: SM 2510B QC Batch: QC12339 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10561 Date Prepared: 6/28/01

Param	Flag	Result	Units	Dilution	RDL
Specific Conductance		1350	μMHOS/cm	1	

Sample: 173980 - MW-5

Analysis: Hg, Total Analytical Method: S 7470A QC Batch: QC12259 Date Analyzed: 6/27/01
Analyst: SSC Preparation Method: N/A Prep Batch: PB10456 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Mercury		<0.0002	mg/L	1	0.0002

Sample: 173980 - MW-5

Analysis: Ion Chromatography (IC) Analytical Method: E 300.0 QC Batch: QC12255 Date Analyzed: 6/26/01
Analyst: JS Preparation Method: N/A Prep Batch: PB10478 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
CL		200	mg/L	10	0.50

Continued ...

... Continued Sample: 173980 Analysis: Ion Chromatography (IC)

Param	Flag	Result	Units	Dilution	RDL
Fluoride		3.45	mg/L	5	0.20
Nitrate-N	9	2.04	mg/L	5	0.20
Sulfate		186	mg/L	5	0.50

Sample: 173980 - MW-5

Analysis: PAH Analytical Method: S 8270C QC Batch: QC12583 Date Analyzed: 6/28/01
Analyst: RC Preparation Method: E 3510C Prep Batch: PB10759 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Naphthalene		<0.005	mg/L	1	0.005
Acenaphthylene		<0.005	mg/L	1	0.005
Acenaphthene		<0.005	mg/L	1	0.005
Fluorene		<0.005	mg/L	1	0.005
Phenanthrene		<0.005	mg/L	1	0.005
Anthracene		<0.005	mg/L	1	0.005
Fluoranthene		<0.005	mg/L	1	0.005
Pyrene		<0.005	mg/L	1	0.005
Benzo(a)anthracene		<0.005	mg/L	1	0.005
Chrysene		<0.005	mg/L	1	0.005
Benzo(b)fluoranthene		<0.005	mg/L	1	0.005
Benzo(k)fluoranthene		<0.005	mg/L	1	0.005
Benzo(a)pyrene		<0.005	mg/L	1	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	1	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	1	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	1	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		65.9	mg/L	1	80	82	35 - 114
2-Fluorobiphenyl		67.6	mg/L	1	80	84	43 - 116
Terphenyl-d14		86.19	mg/L	1	80	107	33 - 141

Sample: 173980 - MW-5

Analysis: Salts Analytical Method: E 200.7 QC Batch: QC12461 Date Analyzed: 7/9/01
Analyst: LDB Preparation Method: E 3005 A Prep Batch: PB10590 Date Prepared: 7/3/01

Param	Flag	Result	Units	Dilution	RDL
Dissolved Calcium		93.5	mg/L	1	0.50
Dissolved Magnesium		43.6	mg/L	1	0.50
Dissolved Potassium		8.72	mg/L	1	0.50
Dissolved Sodium		140	mg/L	1	0.50

Sample: 173980 - MW-5

Analysis: TDS Analytical Method: E 160.1 QC Batch: QC12337 Date Analyzed: 6/28/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10562 Date Prepared: 6/27/01

⁹ Sample was received out of hold time for NO3.

Param	Flag	Result	Units	Dilution	RDL
Total Dissolved Solids		875	mg/L	1	10

Sample: 173980 - MW-5

Analysis: TPH DRO Analytical Method: Mod. 8015B QC Batch: QC12309 Date Analyzed: 6/30/01
Analyst: JJ Preparation Method: 3510C - Mod. Prep Batch: PB10534 Date Prepared: 6/29/01

Param	Flag	Result	Units	Dilution	RDL
DRO		<5	mg/L	0.10	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Octane		22.1	mg/L	0.10	250	88	70 - 130

Sample: 173980 - MW-5

Analysis: TPH GRO Analytical Method: Mod. 602 QC Batch: QC12278 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: 5030 Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
GRO		<0.5	mg/L	5	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.519	mg/L	5	0.10	104	70 - 130
4-BFB		0.404	mg/L	5	0.10	81	70 - 130

Sample: 173980 - MW-5

Analysis: Total Metals Analytical Method: S 6010B QC Batch: QC12595 Date Analyzed: 7/13/01
Analyst: RR Preparation Method: E 3010A Prep Batch: PB10442 Date Prepared: 6/26/01

Param	Flag	Result	Units	Dilution	RDL
Total Arsenic		<0.05	mg/L	1	0.05
Total Barium		0.479	mg/L	1	0.10
Total Cadmium		<0.025	mg/L	1	0.02
Total Chromium		0.062	mg/L	1	0.01
Total Lead		0.0251	mg/L	1	0.01
Total Selenium		<0.05	mg/L	1	0.05
Total Silver		<0.0125	mg/L	1	0.01

Sample: 173980 - MW-5

Analysis: pH Analytical Method: E 150.1 QC Batch: QC12346 Date Analyzed: 6/25/01
Analyst: RS Preparation Method: N/A Prep Batch: PB10554 Date Prepared: 6/25/01

Param	Flag	Result	Units	Dilution	RDL
pH	10	7.9	s.u.	1	1

¹⁰Out of holding time

Sample: 173981 - EB-1

Analysis: BTEX Analytical Method: S 8021B QC Batch: QC12277 Date Analyzed: 6/27/01
Analyst: CG Preparation Method: E 5030B Prep Batch: PB10503 Date Prepared: 6/27/01

Param	Flag	Result	Units	Dilution	RDL
Benzene		<0.005	mg/L	5	0.001
Toluene		<0.005	mg/L	5	0.001
Ethylbenzene		<0.005	mg/L	5	0.001
M,P,O-Xylene		<0.005	mg/L	5	0.001
Total BTEX		<0.005	mg/L	5	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.459	mg/L	1	0.10	91	72 - 128
4-BFB		0.377	mg/L	1	0.10	75	72 - 128

Quality Control Report Method Blank

Method Blank QCBatch: QC12255

Param	Flag	Results	Units	Reporting Limit
CL		<2.0	mg/L	0.50
Fluoride		<0.2	mg/L	0.20
Nitrate-N		<0.2	mg/L	0.20
Sulfate		<2.0	mg/L	0.50

Method Blank QCBatch: QC12259

Param	Flag	Results	Units	Reporting Limit
Total Mercury		<0.0002	mg/L	0.0002

Method Blank QCBatch: QC12277

Param	Flag	Results	Units	Reporting Limit
Benzene		<0.001	mg/L	0.001
Toluene		<0.001	mg/L	0.001
Ethylbenzene		<0.001	mg/L	0.001
M,P,O-Xylene		<0.001	mg/L	0.001
Total BTEX		<0.001	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.0992	mg/L	1	0.10	99	72 - 128
4-BFB		0.0832	mg/L	1	0.10	83	72 - 128

Method Blank QCBatch: QC12278

Param	Flag	Results	Units	Reporting Limit
GRO		0.194	mg/L	0.10

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
TFT		0.112	mg/L	1	0.10	99	70 - 130
4-BFB		0.0855	mg/L	1	0.10	92	70 - 130

Method Blank QCBatch: QC12309

Param	Flag	Results	Units	Reporting Limit
DRO		82	mg/L	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Octane		23.4	mg/L	0.10	25	93	70 - 130

Method Blank QCBatch: QC12334

Param	Flag	Results	Units	Reporting Limit
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.0	mg/L as CaCo3	1
Total Alkalinity		<4.0	mg/L as CaCo3	1

Method Blank QCBatch: QC12335

Param	Flag	Results	Units	Reporting Limit
Hydroxide Alkalinity		<1.0	mg/L as CaCo3	1
Carbonate Alkalinity		<1.0	mg/L as CaCo3	1
Bicarbonate Alkalinity		<4.0	mg/L as CaCo3	1
Total Alkalinity		<4.0	mg/L as CaCo3	1

Method Blank QCBatch: QC12337

Param	Flag	Results	Units	Reporting Limit
Total Dissolved Solids		<10	mg/L	10

Method Blank QCBatch: QC12338

Param	Flag	Results	Units	Reporting Limit
Specific Conductance		6.76	μMHOS/cm	

Method Blank QCBatch: QC12339

Param	Flag	Results	Units	Reporting Limit
Specific Conductance		6.76	μMHOS/cm	

Method Blank QCBatch: QC12364

Param	Flag	Results	Units	Reporting Limit
CL		<2.0	mg/L	0.50
Fluoride		<0.2	mg/L	0.20
Nitrate-N		<0.2	mg/L	0.20
Sulfate		<2.0	mg/L	0.50

Method Blank QCBatch: QC12460

Param	Flag	Results	Units	Reporting Limit
Dissolved Calcium		<0.5	mg/L	0.50
Dissolved Magnesium		<0.5	mg/L	0.50
Dissolved Potassium		0.7	mg/L	0.50
Dissolved Sodium		0.8	mg/L	0.50

Method Blank QCBatch: QC12461

Param	Flag	Results	Units	Reporting Limit
Dissolved Calcium		<0.5	mg/L	0.50
Dissolved Magnesium		<0.5	mg/L	0.50
Dissolved Potassium		<0.5	mg/L	0.50
Dissolved Sodium		<0.5	mg/L	0.50

Method Blank QCBatch: QC12583

Param	Flag	Results	Units	Reporting Limit
Naphthalene		<0.005	mg/L	0.005
Acenaphthylene		<0.005	mg/L	0.005
Acenaphthene		<0.005	mg/L	0.005
Fluorene		<0.005	mg/L	0.005
Phenanthrene		<0.005	mg/L	0.005
Anthracene		<0.005	mg/L	0.005
Fluoranthene		<0.005	mg/L	0.005
Pyrene		<0.005	mg/L	0.005
Benzo(a)anthracene		<0.005	mg/L	0.005
Chrysene		<0.005	mg/L	0.005
Benzo(b)fluoranthene		<0.005	mg/L	0.005
Benzo(k)fluoranthene		<0.005	mg/L	0.005
Benzo(a)pyrene		<0.005	mg/L	0.005
Indeno(1,2,3-cd)pyrene		<0.005	mg/L	0.005
Dibenzo(a,h)anthracene		<0.005	mg/L	0.005
Benzo(g,h,i)perylene		<0.005	mg/L	0.005

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Nitrobenzene-d5		65.90	mg/L	1	80	82	35 - 114
2-Fluorobiphenyl		67.60	mg/L	1	80	84	43 - 116
Terphenyl-d14		86.19	mg/L	1	80	107	33 - 141

Method Blank QCBatch: QC12595

Param	Flag	Results	Units	Reporting Limit
Total Arsenic		<0.05	mg/L	0.05
Total Barium		<0.1	mg/L	0.10
Total Cadmium		<0.025	mg/L	0.02
Total Chromium		<0.01	mg/L	0.01
Total Lead		<0.01	mg/L	0.01
Total Selenium		<0.05	mg/L	0.05
Total Silver		<0.0125	mg/L	0.01

Quality Control Report Duplicate Samples

Duplicate QCBatch: QC12241

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH		8.37	8.37	s.u.	1	0	0.99

Duplicate QCBatch: QC12334

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	7
Carbonate Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	7
Bicarbonate Alkalinity		176	178	mg/L as CaCo3	1	1	7
Total Alkalinity		176	178	mg/L as CaCo3	1	1	7

Duplicate QCBatch: QC12335

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Hydroxide Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	7
Carbonate Alkalinity		<1.0	<1.0	mg/L as CaCo3	1	0	7
Bicarbonate Alkalinity		186	182	mg/L as CaCo3	1	2	7
Total Alkalinity		186	182	mg/L as CaCo3	1	2	7

Duplicate QCBatch: QC12337

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Total Dissolved Solids		3565	3735	mg/L	1	4	14

Duplicate QCBatch: QC12338

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance		1358	1360	μ MHOS/cm	1	0	4.6

Duplicate QCBatch: QC12339

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
Specific Conductance		1345	1350	μ MHOS/cm	1	0	4.6

Duplicate QCBatch: QC12346

Param	Flag	Duplicate Result	Sample Result	Units	Dilution	RPD	RPD Limit
pH		7.7	7.7	s.u.	1	0	0.99

Quality Control Report Lab Control Spikes and Duplicate Spikes

Laboratory Control Spikes QCBatch: QC12255

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
CL	11.26	11.58	mg/L	1	12.50	<2.0	90	2	90 - 110	20
Fluoride	2.38	2.61	mg/L	1	2.50	<0.2	95	9	90 - 110	20
Nitrate-N	2.28	2.34	mg/L	1	2.50	<0.2	91	2	90 - 110	20
Sulfate	11.30	11.40	mg/L	1	12.50	<2.0	90	0	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes QCBatch: QC12259

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	0.00104	0.00105	mg/L	1	0.001	<0.0002	104	0	84 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes QCBatch: QC12277

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
MTBE	0.101	0.0991	mg/L	1	0.10	<0.001	101	1	80 - 120	20
Benzene	0.0985	0.0942	mg/L	1	0.10	<0.001	98	4	80 - 120	20
Toluene	0.0991	0.0946	mg/L	1	0.10	<0.001	99	4	80 - 120	20
Ethylbenzene	0.0998	0.0952	mg/L	1	0.10	<0.001	99	4	80 - 120	20
M,P,O-Xylene	0.289	0.277	mg/L	1	0.30	<0.001	96	4	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.0971	0.0977	mg/L	1	0.10	97	97	72 - 128
4-BFB	0.0951	0.0947	mg/L	1	0.10	95	94	72 - 128

Laboratory Control Spikes

QCBatch: QC12278

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
GRO	1	0.9486	mg/L	1	1	0.194	100	5	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
TFT	0.101	0.095	mg/L	1	0.10	101	95	70 - 130
4-BFB	0.0954	0.0982	mg/L	1	0.10	95	98	70 - 130

Laboratory Control Spikes

QCBatch: QC12309

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
DRO	258	247	mg/L	0.10	25	82	108	0	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
n-Octane	23.8	24.1	mg/L	0.10	25	95	96	70 - 130

Laboratory Control Spikes

QCBatch: QC12364

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Nitrate-N	2.31	2.30	mg/L	1	2.50	<0.2	92	0	90 - 110	20
Sulfate	11.24	12.3	mg/L	1	12.50	<2.0	89	9	90 - 110	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC12460

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	99.6	107	mg/L	1	100	<0.5	99	7	75 - 125	20
Dissolved Magnesium	99.3	104	mg/L	1	100	<0.5	99	4	75 - 125	20
Dissolved Potassium	95.7	106	mg/L	1	100	0.7	95	10	75 - 125	20
Dissolved Sodium	94.1	106	mg/L	1	100	0.8	94	11	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC12461

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	106	85.6	mg/L	1	100	<0.5	106	21	75 - 125	20
Dissolved Magnesium	96	81.6	mg/L	1	100	<0.5	96	16	75 - 125	20
Dissolved Potassium	85.5	81.5	mg/L	1	100	<0.5	85	4	75 - 125	20
Dissolved Sodium	89.5	78.5	mg/L	1	100	<0.5	89	13	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Laboratory Control Spikes

QCBatch: QC12583

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Naphthalene	60.42	58.7	mg/L	1	80	<0.005	75	2	21 - 133	20
Acenaphthylene	69.79	66.37	mg/L	1	80	<0.005	87	5	33 - 145	20
Acenaphthene	69.22	65.09	mg/L	1	80	<0.005	86	6	47 - 145	20
Fluorene	69.98	64.08	mg/L	1	80	<0.005	87	8	59 - 121	20
Phenanthrene	68.69	61.82	mg/L	1	80	<0.005	85	10	54 - 120	20
Anthracene	71.24	63.45	mg/L	1	80	<0.005	89	11	27 - 133	20
Fluoranthene	73.64	69.24	mg/L	1	80	<0.005	92	6	26 - 137	20
Pyrene	80.79	68.3	mg/L	1	80	<0.005	100	16	52 - 115	20
Benzo(a)anthracene	83.59	72.65	mg/L	1	80	<0.005	104	14	33 - 143	20
Chrysene	74.26	65.36	mg/L	1	80	<0.005	92	12	17 - 168	20
Benzo(b)fluoranthene	79.12	71.11	mg/L	1	80	<0.005	98	10	33 - 143	20
Benzo(k)fluoranthene	78.43	65.93	mg/L	1	80	<0.005	98	17	17 - 168	20
Benzo(a)pyrene	78.73	72.25	mg/L	1	80	<0.005	98	8	24 - 159	20
Indeno(1,2,3-cd)pyrene	86.64	83.67	mg/L	1	80	<0.005	108	3	0 - 171	20
Dibenzo(a,h)anthracene	66.58	66.16	mg/L	1	80	<0.005	83	0	0 - 227	20
Benzo(g,h,i)perylene	79.71	79.06	mg/L	1	80	<0.005	99	0	0 - 219	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dilution	Spike Amount	LCS % Rec	LCSD % Rec	Recovery Limits
Nitrobenzene-d5	74.29	79.85	mg/L	1	80	92	99	35 - 114
2-Fluorobiphenyl	76.71	80.33	mg/L	1	80	95	100	43 - 116
Terphenyl-d14	68.66	72.13	mg/L	1	80	85	90	33 - 141

Laboratory Control Spikes

QCBatch: QC12595

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	0.548	0.53	mg/L	1	0.50	<0.05	109	3	75 - 125	20
Total Barium	0.983	0.956	mg/L	1	1	<0.1	98	2	75 - 125	20
Total Cadmium	0.251	0.246	mg/L	1	0.25	<0.025	100	2	75 - 125	20
Total Chromium	0.0976	0.0954	mg/L	1	0.10	<0.01	97	2	75 - 125	20
Total Lead	0.495	0.484	mg/L	1	0.50	<0.01	99	2	75 - 125	20
Total Selenium	0.465	0.448	mg/L	1	0.50	<0.05	93	3	75 - 125	20
Total Silver	0.122	0.118	mg/L	1	0.12	<0.0125	97	3	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report Matrix Spikes and Duplicate Spikes

Matrix Spikes QCBatch: QC12255

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
CL	125.16	125.35	mg/L	1	62.50	68.5	90	0	52 - 131	20
Fluoride	14.92	15.46	mg/L	1	12.50	3.67	90	4	80 - 113	20
Nitrate-N	13.13	13.05	mg/L	1	12.50	1.60	92	0	86 - 110	20
Sulfate	121.99	123.75	mg/L	1	62.50	67.1	87	3	71 - 121	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC12259

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Mercury	¹¹ 0.00187	¹² <0.0002	mg/L	1	0.001	<0.0002	187	200	84 - 127	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC12364

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Nitrate-N	¹³ 27.22	26.75	mg/L	1	25	3.45	95	1	86 - 110	20
Sulfate	301.61	¹⁴ 300.64	mg/L	1	125		89	0	71 - 121	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC12460

¹¹ use lcs and lcsd to show run under control. Sample spiked twice.

¹² use lcs and lcsd to show run under control. Did not spike sample.

¹³ The sample reported for nitrate was the *5 dilution and the *10 dilution was spiked. The correct %EA is 91.

¹⁴ The correct rpd is 0.

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	176	168	mg/L	1	100	16.3	159	5	75 - 125	20
Dissolved Magnesium	125	118	mg/L	1	100	23.2	101	7	75 - 125	20
Dissolved Potassium	117	113	mg/L	1	100	4.59	112	3	75 - 125	20
Dissolved Sodium	178	172	mg/L	1	100	49.1	128	4	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC12461

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Dissolved Calcium	181	173	mg/L	1	100	65.7	115	7	75 - 125	20
Dissolved Magnesium	123	110	mg/L	1	100	12.3	110	12	75 - 125	20
Dissolved Potassium	112	97.9	mg/L	1	100	3.9	108	13	75 - 125	20
Dissolved Sodium	143	130	mg/L	1	100	33.4	109	12	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Matrix Spikes QCBatch: QC12595

Param	MS Result	MSD Result	Units	Dil.	Spike Amount Added	Matrix Result	% Rec	RPD	% Rec Limit	RPD Limit
Total Arsenic	0.543	0.545	mg/L	1	0.50	<0.05	108	0	75 - 125	20
Total Barium	1.9	1.94	mg/L	1	1	0.961	93	4	75 - 125	20
Total Cadmium	0.242	0.238	mg/L	1	0.25	<0.025	96	1	75 - 125	20
Total Chromium	0.122	0.12	mg/L	1	0.10	0.0265	95	2	75 - 125	20
Total Lead	0.505	0.489	mg/L	1	0.50	0.0105	98	3	75 - 125	20
Total Selenium	0.465	0.458	mg/L	1	0.50	<0.05	93	1	75 - 125	20
Total Silver	0.12	0.122	mg/L	1	0.12	<0.0125	96	1	75 - 125	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Quality Control Report Continuing Calibration Verification Standards

ICV (1) QCBatch: QC12241

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7	7.0	100	-0.1 s.u. - +0.1 s.u.	6/25/01

CCV (1) QCBatch: QC12255

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Bromide		mg/L	2.50	2.36	94	90 - 110	6/26/01
CL		mg/L	12.50	11.32	90	90 - 110	6/26/01
Fluoride		mg/L	2.50	2.41	96	90 - 110	6/26/01
Nitrate-N		mg/L	2.50	2.34	93	90 - 110	6/26/01
Sulfate		mg/L	12.50	11.51	92	90 - 110	6/26/01

ICV (1)

QCBatch: QC12255

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Bromide		mg/L	2.50	2.46	98	90 - 110	6/26/01
CL		mg/L	12.50	11.40	91	90 - 110	6/26/01
Fluoride		mg/L	2.50	2.41	96	90 - 110	6/26/01
Nitrate-N		mg/L	2.50	2.33	93	90 - 110	6/26/01
Sulfate		mg/L	12.50	11.20	89	90 - 110	6/26/01

CCV (1)

QCBatch: QC12259

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.001	0.00103	103	80 - 120	6/27/01

ICV (1)

QCBatch: QC12259

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Mercury		mg/L	0.001	0.00107	107	80 - 120	6/27/01

CCV (1)

QCBatch: QC12277

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0873	87	85 - 115	6/27/01
Benzene		mg/L	0.10	0.0932	93	85 - 115	6/27/01
Toluene		mg/L	0.10	0.0929	92	85 - 115	6/27/01
Ethylbenzene		mg/L	0.10	0.0919	91	85 - 115	6/27/01
M,P,O-Xylene		mg/L	0.30	0.266	88	85 - 115	6/27/01

CCV (2)

QCBatch: QC12277

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0937	93	85 - 115	6/27/01
Benzene		mg/L	0.10	0.0939	93	85 - 115	6/27/01
Toluene		mg/L	0.10	0.0945	94	85 - 115	6/27/01
Ethylbenzene		mg/L	0.10	0.0952	95	85 - 115	6/27/01
M,P,O-Xylene		mg/L	0.30	0.2757	91	85 - 115	6/27/01

ICV (1) QCBatch: QC12277

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
MTBE		mg/L	0.10	0.0939	93	85 - 115	6/27/01
Benzene		mg/L	0.10	0.0942	94	85 - 115	6/27/01
Toluene		mg/L	0.10	0.0948	94	85 - 115	6/27/01
Ethylbenzene		mg/L	0.10	0.0962	96	85 - 115	6/27/01
M,P,O-Xylene		mg/L	0.30	0.281	93	85 - 115	6/27/01

CCV (1) QCBatch: QC12278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1	0.9495	94	85 - 115	6/27/01

ICV (1) QCBatch: QC12278

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1	1.1	110	85 - 115	6/27/01

CCV (1) QCBatch: QC12309

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	274	109	85 - 115	6/30/01
n-Octane		mg/L	250	247	98	85 - 115	6/30/01

ICV (1) QCBatch: QC12309

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/L	250	266	106	85 - 115	6/30/01
n-Octane		mg/L	250	241	96	85 - 115	6/30/01

CCV (1) QCBatch: QC12334

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	6/28/01
Carbonate Alkalinity		mg/L as CaCo3	0	228	0	90 - 110	6/28/01
Bicarbonate Alkalinity		mg/L as CaCo3	0	16	0	90 - 110	6/28/01
Total Alkalinity		mg/L as CaCo3	250	244	97	90 - 110	6/28/01

ICV (1) QCBatch: QC12334

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	6/28/01
Carbonate Alkalinity		mg/L as CaCo3	0	232	0	90 - 110	6/28/01
Bicarbonate Alkalinity		mg/L as CaCo3	0	10	0	90 - 110	6/28/01
Total Alkalinity		mg/L as CaCo3	250	242	96	90 - 110	6/28/01

CCV (1) QCBatch: QC12335

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	6/28/01
Carbonate Alkalinity		mg/L as CaCo3	0	216	0	90 - 110	6/28/01
Bicarbonate Alkalinity		mg/L as CaCo3	0	32	0	90 - 110	6/28/01
Total Alkalinity		mg/L as CaCo3	250	248	99	90 - 110	6/28/01

ICV (1) QCBatch: QC12335

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Hydroxide Alkalinity		mg/L as CaCo3	0	<1.0	0	90 - 110	6/28/01
Carbonate Alkalinity		mg/L as CaCo3	0	228	0	90 - 110	6/28/01
Bicarbonate Alkalinity		mg/L as CaCo3	0	16	0	90 - 110	6/28/01
Total Alkalinity		mg/L as CaCo3	250	244	97	90 - 110	6/28/01

CCV (1) QCBatch: QC12337

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	980	98	90 - 110	6/28/01

ICV (1) QCBatch: QC12337

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Dissolved Solids		mg/L	1000	996	99	90 - 110	6/28/01

CCV (1) QCBatch: QC12338

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1412	1405	99	90 - 110	6/28/01

ICV (1) QCBatch: QC12338

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1402	1407	100	90 - 110	6/28/01

CCV (1) QCBatch: QC12339

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1412	1415	100	90 - 110	6/28/01

ICV (1) QCBatch: QC12339

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Specific Conductance		μ MHOS/cm	1402	1405	100	90 - 110	6/28/01

ICV (1) QCBatch: QC12346

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
pH		s.u.	7	7.0	100	-0.1 s.u. - +0.1 s.u.	6/25/01

CCV (1) QCBatch: QC12364

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Bromide		mg/L	2.50	2.35	94	90 - 110	6/28/01
CL		mg/L	12.50	11.5	92	90 - 110	6/28/01
Fluoride		mg/L	2.50	2.4	96	90 - 110	6/28/01
Nitrate-N		mg/L	2.50	2.34	93	90 - 110	6/28/01
Sulfate		mg/L	12.50	11.37	90	90 - 110	6/28/01

ICV (1) QCBatch: QC12364

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Bromide		mg/L	2.50	2.40	96	90 - 110	6/28/01
CL		mg/L	12.50	11.49	91	90 - 110	6/28/01
Fluoride		mg/L	2.50	2.41	96	90 - 110	6/28/01
Nitrate-N		mg/L	2.50	2.30	92	90 - 110	6/28/01
Sulfate		mg/L	12.50	11.36	90	90 - 110	6/28/01

CCV (1) QCBatch: QC12460

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	25.8	103	90 - 110	7/9/01
Dissolved Magnesium		mg/L	25	25.1	100	90 - 110	7/9/01
Dissolved Potassium		mg/L	25	23.9	95	90 - 110	7/9/01
Dissolved Sodium		mg/L	25	25.8	103	90 - 110	7/9/01

ICV (1) QCBatch: QC12460

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	24.4	97	95 - 105	7/9/01
Dissolved Magnesium		mg/L	25	25.1	100	95 - 105	7/9/01
Dissolved Potassium		mg/L	25	26.1	104	95 - 105	7/9/01
Dissolved Sodium		mg/L	25	24.9	99	95 - 105	7/9/01

CCV (1) QCBatch: QC12461

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	24.9	99	90 - 110	7/9/01
Dissolved Magnesium		mg/L	25	24.7	98	90 - 110	7/9/01
Dissolved Potassium		mg/L	25	24	96	90 - 110	7/9/01
Dissolved Sodium		mg/L	25	26.5	106	90 - 110	7/9/01

ICV (1) QCBatch: QC12461

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Dissolved Calcium		mg/L	25	24.4	97	95 - 105	7/9/01
Dissolved Magnesium		mg/L	25	25.1	100	95 - 105	7/9/01
Dissolved Potassium		mg/L	25	26.1	104	95 - 105	7/9/01
Dissolved Sodium		mg/L	25	24.9	99	95 - 105	7/9/01

CCV (1) QCBatch: QC12583

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Naphthalene		mg/L	60	59.81	99	80 - 120	6/28/01
Acenaphthylene		mg/L	60	59.49	99	80 - 120	6/28/01
Acenaphthene		mg/L	60	58.57	97	30 - 120	6/28/01
Fluorene		mg/L	60	60.33	100	80 - 120	6/28/01
Phenanthrene		mg/L	60	56.34	93	80 - 120	6/28/01
Anthracene		mg/L	60	58.26	97	80 - 120	6/28/01
Fluoranthene		mg/L	60	61.87	103	80 - 120	6/28/01
Pyrene		mg/L	60	59.64	99	80 - 120	6/28/01
Benzo(a)anthracene		mg/L	60	59.68	99	0 - 120	6/28/01
Chrysene		mg/L	60	57.23	95	0 - 120	6/28/01
Benzo(b)fluoranthene		mg/L	60	61.08	101	80 - 120	6/28/01
Benzo(k)fluoranthene		mg/L	60	57.68	96	80 - 120	6/28/01
Benzo(a)pyrene		mg/L	60	59.96	99	80 - 120	6/28/01
Indeno(1,2,3-cd)pyrene		mg/L	60	63.91	106	80 - 120	6/28/01
Dibenzo(a,h)anthracene		mg/L	60	64.27	107	80 - 120	6/28/01
Benzo(g,h,i)perylene		mg/L	60	61.24	102	80 - 120	6/28/01
Nitrobenzene-d5		mg/L	60	58.94	98	80 - 120	6/28/01
2-Fluorobiphenyl		mg/L	60	57.91	96	80 - 120	6/28/01
Terphenyl-d14		mg/L	60	60.75	101	80 - 120	6/28/01

CCV (1) QCBatch: QC12595

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1	0.998	99	90 - 110	7/13/01
Total Barium		mg/L	2	1.99	99	90 - 110	7/13/01
Total Cadmium		mg/L	0.50	0.509	101	90 - 110	7/13/01
Total Chromium		mg/L	0.20	0.203	101	90 - 110	7/13/01
Total Lead		mg/L	1	1.01	101	90 - 110	7/13/01
Total Selenium		mg/L	1	1.02	102	90 - 110	7/13/01
Total Silver		mg/L	0.25	0.251	100	90 - 110	7/13/01

ICV (1)

QCBatch: QC12595

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Total Arsenic		mg/L	1	0.992	99	90 - 110	7/13/01
Total Barium		mg/L	2	1.94	97	90 - 110	7/13/01
Total Cadmium		mg/L	0.50	0.485	97	90 - 110	7/13/01
Total Chromium		mg/L	0.20	0.199	99	90 - 110	7/13/01
Total Lead		mg/L	1	0.986	98	90 - 110	7/13/01
Total Selenium		mg/L	1	0.984	98	90 - 110	7/13/01
Total Silver		mg/L	0.25	0.242	96	90 - 110	7/13/01

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID #

A01062513

Phone # (705) 292-4882

Fax #: (917) 367-4701

1: Kenington

Invoice to: 2011
(If different from above)

Project Name: TXM 08-00-

LEA County NM

Sampler Signature:

[illegible]

Received by:

10

Received at L

☐ Check If Special Reporting Limits Are Needed

Submission of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C.

Carrier # Bus 902 624 1703

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

ENVIRONMENTAL TECHNOLOGY GROUP, INC.
ATTN: MR. KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

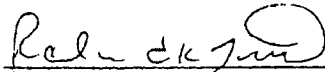
Sample Type: Water
Sample Condition: Intact/ Iced/ HCl/ 1.0 deg C
Project Name: TNM 98-05
Project #: EOT 2056C
Project Location: Lea County, NM

Sampling Date: 09/04/01
Receiving Date: 09/13/01
Analysis Date: 09/13/01

ELT#	FIELD CODE	BENZENE mg/L	TOLUENE mg/L	ETHYLBENZENE mg/L	m,p-XYLENE mg/L	o-XYLENE mg/L
0101560-01	MW 1	0.030	0.010	0.001	0.002	0.008
0101560-02	MW 2	0.437	0.339	0.029	0.052	0.013
0101560-03	MW 3	0.009	0.005	<0.001	<0.001	<0.001
0101560-04	MW 4	<0.001	<0.001	<0.001	<0.001	<0.001
0101560-05	MW 5	0.023	0.017	0.004	0.010	0.001
0101560-06	EB 1	<0.001	<0.001	<0.001	<0.001	<0.001

QUALITY CONTROL	0.113	0.111	0.107	0.220	0.102
TRUE VALUE	0.100	0.100	0.100	0.200	0.100
% IA	113	111	107	110	102
SPIKED AMOUNT	0.100	0.100	0.100	0.200	0.100
ORIGINAL SAMPLE	0.030	0.010	0.001	0.002	0.008
SPIKE	0.138	0.113	0.103	0.210	0.108
SPIKE DUP	0.131	0.109	0.099	0.203	0.103
%EA	108	103	103	104	100
BLANK	<0.001	<0.001	<0.001	<0.001	<0.001
RPD	7	4	4	4	5

METHODS: EPA SW 846-8021B ,5030


Ralund K. Tuttle

9-14-01
Date

12600 West I-20 East
Odessa, Texas 79763

Phone: 915-563-1800
Fax: 915-563-1713

Project Manager:

KEN DUTTON

Company Name

7217

Company Address: 2540 W MARLAND

City/State/Zip: 140085 NM 88240

Telephone No: (505) 393-4882

Fax No: (505) 397-4701

Sampler Signature:

Leila Casas

COC 126

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Name:

TNM 98-05

Project #:

2956c EOT

Project Loc. LEN County, NM

PO #:

[illegible]



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

Phone: 505-397-4882 FAX: 505-397-4701

Report#/Lab ID#: 121361 Report Date: 11/02/01
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 1
Sample Matrix: water
Date Received: 10/26/2001 Time: 10:04
Date Sampled: 10/25/2001 Time: 10:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/02/01	8260b	---	---	---	---	---
Benzene	2.42	µg/L	1	<1	11/02/01	8260b	---	0.2	81.4	89.5	79.6
Ethylbenzene	1.32	µg/L	1	<1	11/02/01	8260b	---	0.3	101.2	99.9	95.5
m,p-Xylenes	1.63	µg/L	1	<1	11/02/01	8260b	---	0.4	95	92.8	89.6
o-Xylene	1.02	µg/L	1	<1	11/02/01	8260b	---	0	102.7	101.4	97.9
Toluene	6.14	µg/L	1	<1	11/02/01	8260b	---	0.1	87.8	92.9	84.1

QUALITY ASSURANCE DATA¹

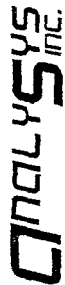
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 121362 Report Date: 11/02/01
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2
Sample Matrix: water
Date Received: 10/26/2001 Time: 10:04
Date Sampled: 10/25/2001 Time: 10:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/02/01	8260b	---	---	---	---	---
Benzene	17.6	µg/L	1	<1	11/02/01	8260b	---	0.2	81.4	89.5	79.6
Ethylbenzene	2.14	µg/L	1	<1	11/02/01	8260b	---	0.3	101.2	99.9	95.5
m,p-Xylenes	4.3	µg/L	1	<1	11/02/01	8260b	---	0.4	95	92.8	89.6
o-Xylene	1.38	µg/L	1	<1	11/02/01	8260b	---	0	102.7	101.4	97.9
Toluene	19.3	µg/L	1	<1	11/02/01	8260b	---	0.1	87.8	92.9	84.1

QUALITY ASSURANCE DATA

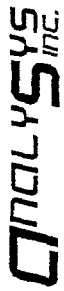
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Respectfully Submitted,

Richard Laster

Richard Laster

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4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2

Report#/Lab ID#: 121362
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.1	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs

NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 121365 Report Date: 11/02/01

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 5

Sample Matrix: water

Date Received: 10/26/2001 Time: 10:04

Date Sampled: 10/25/2001 Time: 11:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/02/01	8260b	---	---	---	---	---
Benzene	19.6	µg/L	1	<1	11/02/01	8260b	---	0.2	81.4	89.5	79.6
Ethylbenzene	<1	µg/L	1	<1	11/02/01	8260b	J	0.3	101.2	99.9	95.5
m,p-Xylenes	2.77	µg/L	1	<1	11/02/01	8260b	---	0.4	95	92.8	89.6
o-Xylene	<1	µg/L	1	<1	11/02/01	8260b	J	0	102.7	101.4	97.9
Toluene	11.1	µg/L	1	<1	11/02/01	8260b	---	0.1	87.8	92.9	84.1

QUALITY ASSURANCE DATA¹

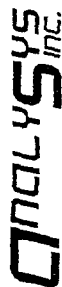
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 1

Report#/Lab ID#: 121361
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.2	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 4

Report#/Lab ID#: 121364
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.8	80-120	--
Toluene-d8	8260b	110	88-110	--

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 5

Report#/Lab ID#: 121365
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 121365 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 5

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GF AA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRI¹ reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes:



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 121366 **Report Date:** 11/02/01
Project ID: TNM 98-05 EOT 2056C
Sample Name: EB 1
Sample Matrix: water
Date Received: 10/26/2001 **Time:** 10:04
Date Sampled: 10/25/2001 **Time:** 11:15

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/02/01	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/02/01	8260b	---	0.2	81.4	39.5	79.6
Ethylbenzene	<1	µg/L	1	<1	11/02/01	8260b	---	0.3	101.2	99.9	95.5
m,p-Xylenes	<1	µg/L	1	<1	11/02/01	8260b	---	0.4	95	92.8	89.6
o-Xylene	<1	µg/L	1	<1	11/02/01	8260b	---	0	102.7	101.4	97.9
Toluene	<1	µg/L	1	<1	11/02/01	8260b	---	0.1	87.8	92.9	84.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM98-05 EOT 2056C
Sample Name: EB 1

Report#/Lab ID#: 121366
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN-OF-CUSTODY

Send Reports To:
 Company Name ETGI
 Address 2540 W MAZLAND
 City HOUSTON State NM Zip 88240
 ATTN: CAMILLE REYNOLDS
 Phone (505) 972-4122 Fax (505) 972-4700
 Rush Status (must be confirmed with lab mgr)
 Project Name/PO#: TVM 98-25 San
601 2056C

Bill to (if different):

Company Name Corr
Address _____
City _____ State _____ Zip _____
ATTN: _____
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: TN11 98-25 Sampler: Simon Casas
6-01 2056C



4221 Friedrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

[illegible]

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MIDL/PPQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's IIST list at ASI's option. Specific compound lists must be supplied for all GC procedures.

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Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Armin Caparo	ETGI	10-25-01	Michael Homplsey	AS	10/26/01

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 125222 **Report Date:** 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 1
Sample Matrix: water
Date Received: 02/01/2002 **Time:** 10:15
Date Sampled: 01/28/2002 **Time:** 14:35

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatiles organics-8260b/BTEX	---	---	---	---	02/01/02	8260b	---	---	---	---	---
Benzene	3.92	µg/L	1	<1	02/01/02	8260b	---	7.9	87.3	93.1	87.9
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.3	96.9	100.4	100.4
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	---	1.1	96.4	100	98.2
o-Xylene	2.26	µg/L	1	<1	02/01/02	8260b	---	0.2	96.9	101.2	99.6
Toluene	1.93	µg/L	1	<1	02/01/02	8260b	---	8.6	94.2	96.9	97.1

QUALITY ASSURANCE DATA¹

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Richard Laster

Richard Laster

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Report#/Lab ID#: 125222
Sample Matrix: water

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 1

Client: Environmental Tech Group
Attn: Camille Reynolds

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.8	80-120	---
Toluene-d8	8260b	104	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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2209 N. Padre Island, Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240
Phone: 505 397-4882 FAX: 505 397-4701

Report #/Lab ID#: 125223 Report Date: 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2
Sample Matrix: water
Date Received: 02/01/2002 Time: 10:15
Date Sampled: 01/28/2002 Time: 14:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	11.1	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	2.99	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	1.05	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	7.7	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

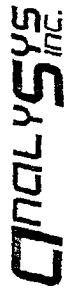
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Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: TNM 98-05 EOT 2056C Sample Name: MW 2	Report#/Lab ID#: 125223 Sample Matrix: water
--	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	80	80-120	---
Toluene-d8	8260b	91.1	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs

NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 125224 Report Date: 02/06/02
Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 3

Sample Matrix: water

Date Received: 02/01/2002 Time: 10:15

Date Sampled: 01/28/2002 Time: 13:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	2.24	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	J	1.5	113.9	117.9	111.1
o-Xylene	<1	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	1.42	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

QUALITY ASSURANCE DATA¹

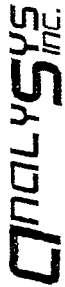
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Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 3

Report#/Lab ID#: 125221
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91	80-120	---
Toluene-d8	8260b	103	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 125224 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 3

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

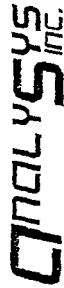
J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TTRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240
Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: J25225 Report Date: 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 4
Sample Matrix: water
Date Received: 02/01/2002 Time: 10:15
Date Sampled: 01/28/2002 Time: 13:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/01/02	8260b	J	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	<1	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	<1	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

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Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 4

Report#/Lab ID#: 125225
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	80-120	---
Toluene-d8	8260b	92	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 125225 Matrix: water

Client: Environmental Tech Group

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 4

Attn: Camille Reynolds

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualifi	Comment
Benzene	J	See J-flag discussion above.

Notes:



4221 Fredrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs

NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 125226 Report Date: 02/06/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 5

Sample Matrix: water

Date Received: 02/01/2002 Time: 10:15

Date Sampled: 01/28/2002 Time: 14:17

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatiles organics-8260b/BTEX	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	55.1	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	1.27	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	4.91	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	2.31	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	30.7	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

QUALITY ASSURANCE DATA¹

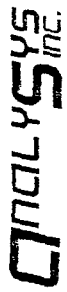
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Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 7840408
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Client: Environmental Tech Group
Attn: Camille Reynolds

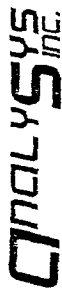
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 5

Report#/Lab ID#: 125226
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	89.2	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Maryland
Hobbs NM 88240
Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 125227 Report Date: 02/06/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: EB 1
Sample Matrix: water
Date Received: 02/01/2002 Time: 10:15
Date Sampled: 01/28/2002 Time: 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/01/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.6	108.1	115	96.6
Ethylbenzene	<1	µg/L	1	<1	02/01/02	8260b	---	0.4	102.9	106.8	101
m,p-Xylenes	<1	µg/L	1	<1	02/01/02	8260b	---	1.5	113.9	117.9	111.1
o-Xylene	<1	µg/L	1	<1	02/01/02	8260b	---	2	102.5	106.6	100
Toluene	<1	µg/L	1	<1	02/01/02	8260b	---	0.7	98.5	111	83.8

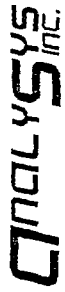
This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

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Richard Laster

Richard Laster

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4221 Freidrich Lane, Suite 190, Austin, TX 78741 &
2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: EB 1

Report#/Lab ID#: 125227
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	100	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

SHY INC.

Bill to (if different):

Company Name Corr

Address _____

City _____ State _____ Zip _____

ATTN:

Phone _____ Fax _____

2

Person (s):

--	--	--	--

[illegible]

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported in ASI's normal reporting format (NIDAPQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this Chain-of-custody, ASI will default to Priority, Petroleum, or ASI's list. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<i>[Signature]</i>	EITC-2	1/30/02	S. Ziegler	AST	2-1-02
<i>[Signature]</i>	Simon Carras				Time 10:15

(Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.)



Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

REPORT OF ANALYSIS

Parameter	Result	Units
Volatile organics-8260b/BTEX	---	
Benzene	3.8	µg/L
Ethylbenzene	<1	µg/L
m,p-Xylenes	<1	µg/L
o-Xylene	1.58	µg/L
Toluene	3.5	µg/L

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Respectfully Submitted,

Richard Laster

Richard Laster

FILE

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Report#/Lab ID#: 129192 Report Date: 05/17/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 1

Sample Matrix: water

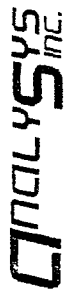
Date Received: 05/08/2002 Time: 09:40

Date Sampled: 05/06/2002 Time: 15:25

QUALITY ASSURANCE DATA¹

Parameter	Method ⁶	Date	Blank	RQL ⁵	Units	Result	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	8260b	05/10/02		---		---	---	---	---	---	---
Benzene	8260b	05/10/02	<1	1	µg/L	3.8	---	0.1	102.8	104.9	105.0
Ethylbenzene	8260b	05/10/02	<1	1	µg/L	<1	---	1.1	92.1	93.6	94.6
m,p-Xylenes	8260b	05/10/02	<1	1	µg/L	<1	---	1	98.9	100.4	101.2
o-Xylene	8260b	05/10/02	<1	1	µg/L	1.58	---	1.1	90.2	89.9	91.8
Toluene	8260b	05/10/02	<1	1	µg/L	3.5	---	0	117.4	116.7	120.1

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	Project ID: TNM 98-05 EOT 2056C	Report#/Lab ID#: 129192
Attn: Camille Reynolds	Sample Name: MW 1	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	110	80-120	---
Toluene-d8	8260b	95.7	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129193 **Report Date:** 05/17/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 2

Sample Matrix: water

Date Received: 05/08/2002 **Time:** 09:40

Date Sampled: 05/06/2002 **Time:** 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		05/10/02	8260b	---	---	---	---	---
Benzene	16.5	µg/L	1	<1	05/10/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	2.29	µg/L	1	<1	05/10/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/10/02	8260b	J	1.1	90.2	89.9	91.8
Toluene	11.2	µg/L	1	<1	05/10/02	8260b	---	0	117.4	116.7	120.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 2

Report#/Lab ID#: 129193
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	94.6	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129193	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: TNM 98-05 EOT 2056C		
Sample Name: MW 2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	J	See J-flag discussion above.

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 FAX: 505 397-4701

Report# / Lab ID#: 129194 Report Date: 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 3
Sample Matrix: water
Date Received: 05/08/2002 Time: 09:40
Date Sampled: 05/06/2002 Time: 13:05

REPORT OF ANALYSIS

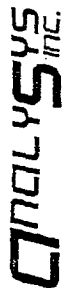
QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		05/10/02	8260b	---	---	---	---	---
Benzene	2.83	µg/L	1	<1	05/10/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/10/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/10/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	1.14	µg/L	1	<1	05/10/02	8260b	---	0	117.4	116.7	120.1

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Respectfully Submitted,
Richard Laster
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1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL, B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	Project ID: TNM 98-05 EOT 2056C	Report#/Lab ID#: 129194
Attn: Camille Reynolds	Sample Name: MW 3	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96	80-120	---
Toluene-d8	8260b	97.4	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report# / Lab ID#: 12919S Report Date: 05/17/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 4

Sample Matrix: water

Date Received: 05/08/2002 Time: 09:40

Date Sampled: 05/06/2002 Time: 12:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	<1	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1

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Respectfully Submitted,

Richard Laster

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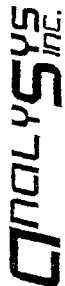
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: TNM 98-05 EOT 2056C Sample Name: MW 4	Report#/Lab ID#: 129195 Sample Matrix: water
--	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	94.2	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 414-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129196 **Report Date:** 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 5
Sample Matrix: water
Date Received: 05/08/2002 **Time:** 09:40
Date Sampled: 05/06/2002 **Time:** 14:49

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		05/11/02	8260b	---	---	---	---	---
Benzene	64.6	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	1.37	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	5.47	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	3.8	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	35	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1

QUALITY ASSURANCE DATA¹

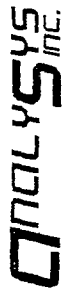
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM98-05 EOT 2056C
Sample Name: MW 5

Report#/Lab ID#: 129196
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	95.5	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 129197 Report Date: 05/17/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 6

Sample Matrix: water

Date Received: 05/08/2002 Time: 09:40

Date Sampled: 05/06/2002 Time: 14:26

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	1410&245.1	---	---	---	---	---
Metals Dig.-HNO ₃	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO ₃ *filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	1040	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	0.699	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.17	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.481	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.0299	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	80.4	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	0.278	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	39.9	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0513	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6

Report#/Lab ID#: 129197
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.07	98.78	98.11	100
Potassium/AA*filtered	5.36	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	180	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.64	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0545	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	170	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	305	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	174	mg/L	5	<5	05/10/02	375.1&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	05/11/02	8260b	---	---	---	---	---
Benzene	1.29	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	1.12	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6

Report#/Lab ID#: 129197
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-c]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6

Report#/Lab ID#: 129197
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4 Toluene-d8	8260b	103	80-120	---
	8260b	95.3	88-110	---
2-Fluorobiphenyl Nitrobenzene-d5 Terphenyl-d14	8270c	48.1	43-116	---
	8270c	39.6	35-114	---
	8270c	39.8	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129197 Matrix: water
Client: Environmental Tech Group
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 6

Attn: Camille Reynolds

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:



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Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 FAX: 505 397-4701

Report/Lab ID#: 129198 Report Date: 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 7
Sample Matrix: water
Date Received: 05/08/2002 Time: 09:40
Date Sampled: 05/06/2002 Time: 14:00

QUALITY ASSURANCE DATA¹

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	1470 & 245.1	---	---	---	---	---
Metals Dig.-HNO ₃	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO ₃ *filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	1040	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	1.97	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.19	103.34	98.52	102.7
Barium/ICP	0.148	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.497	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.459	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	76.4	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	0.936	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	36.5	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0481	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1 & 7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL, B = Analyte detected in associated method blank(s), S1 = MS and/or MSD recovery exceed advisory limits, S2 = Post digestion spike (PDS) recovery exceeds advisory limit, S3 = MS and/or MSD recoveries exceed advisory limits, P = Precision higher than advisory limit, M = Matrix interference.

Client: Environmental Tech Group
Attn: Canille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 7

Report#/Lab ID#: 129198
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	5.83	mg/L	0.5	<0.5	05/16/02	258.1 & 7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2 & 7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	164	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.1	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0289	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	160	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	284	mg/L	5	<5	05/10/02	325.2 & 9251	---	0.79	98.52	108.15	95.91
Sulfate	182	mg/L	5	<5	05/10/02	375.4 & 9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	05/11/02	8260b	---	---	---	---	---
Benzene	2.31	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	2	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0	29.4	89.3	32.5

Client: Environmental Tech Group
Attn: Camille Reynolds

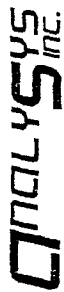
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 7

Report#/Lab ID#: 129198
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	84.4	38.9



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Client: Environmental Tech Group	Project ID: TNM 98-05 EOT 2056C	Report#/Lab ID#: 129198
Attn: Camille Reynolds	Sample Name: MW 7	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4 Toluene-d8	8260b	98.4	80-120	---
	8260b	95.7	88-110	---
2-Fluorobiphenyl Nitrobenzene-d5 Terphenyl-d14	8270c	48.1	43-116	---
	8270c	43.1	35-114	---
	8270c	33.2	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129198	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: TNM 98-05 EOT 2056C		
Sample Name: MW 7		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs

NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 129199 Report Date: 05/17/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 8

Sample Matrix: water

Date Received: 05/08/2002 Time: 09:40

Date Sampled: 05/06/2002 Time: 13:30

QUALITY ASSURANCE DATA¹

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	1470&245.1	---	---	---	---	---
Metals Dig.-HNO ₃	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO ₃ *filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	890	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	6.31	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.178	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.436	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.0935	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	67.8	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	2.95	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	33.2	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0607	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Lastor

Richard Lastor

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("[<]") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



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Client: Environmental Tech Group
Attn: Camille Reynolds

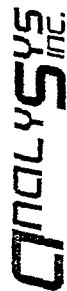
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 8

Report#/Lab ID#: 129199
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	6.06	mg/L	0.5	<0.5	05/16/02	258.1&7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2&7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	1.57	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.47	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0744	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	160	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	249	mg/L	5	<5	05/10/02	325.2&9251	---	0.79	98.52	108.15	95.91
Sulfate	176	mg/L	5	<5	05/10/02	375.4&9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	05/11/02	8260b	---	---	---	---	---
Benzene	4.24	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	4.38	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.4	89.3	32.5



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Client: Environmental Tech Group
Attn: Camille Reynolds

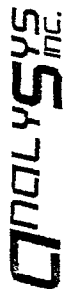
Project ID: TNM 98-05 EOT 20567
Sample Name: MW 8

Report#/Lab ID#: 129199
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	38.5	84.4	38.9



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group	Project ID: TNM 98-05 EOT 2056C	Report#/Lab ID#: 129199
Attn: Camille Reynolds	Sample Name: MW 8	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4 Toluene-d8	8260b	98.3	80-120	---
	8260b	96.6	88-110	---
2-Fluorobiphenyl Nitrobenzene-d5 Terphenyl-d14	8270c	48.6	43-116	---
	8270c	45.5	35-114	---
	8270c	43.2	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129199 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 8

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure) GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Chromium/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.
Pyrene	J	See J-flag discussion above.

Notes:



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report/Lab ID#: 129200 Report Date: 05/17/02
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9
Sample Matrix: water
Date Received: 05/08/2002 Time: 09:40
Date Sampled: 05/06/2002 Time: 12:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/08/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	984	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	13.2	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.287	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.444	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.0357	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	79.9	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	0.0126	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	6.66	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	35.7	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.11	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9

Report#/Lab ID#: 129200
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA*filtered	6.7	mg/L	0.5	<0.5	05/16/02	258.1 & 7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2 & 7761	---	1.6	113.76	90	106
Sodium/ICP*filtered	166	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	3.84	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0861	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	0.0187	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	180	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	265	mg/L	5	<5	05/10/02	325.2 & 9251	---	0.79	98.52	108.15	95.91
Sulfate	194	mg/L	5	<5	05/10/02	375.4 & 9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/13/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	05/11/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	<1	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	29.4	89.3	32.5



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Client: Environmental Tech Group
Attn: Camille Reynolds

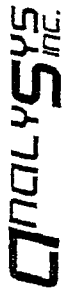
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9

Report#/Lab ID#: 129200
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/13/02	8270c	---	0.2	38.5	84.4	38.9



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Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: TNM 98-05 EOT 2056C Sample Name: MW 9	Report#/Lab ID#: 129200 Sample Matrix: water
--	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.7	80-120	---
Toluene-d8	8260b	95.8	88-110	---
2-Fluorobiphenyl	8270c	52.8	43-116	---
Nitrobenzene-d5	8270c	53.2	35-114	---
Terphenyl-d14	8270c	48.4	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129200 Matrix: water
Client: Environmental Tech Group
Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 9
Attn: Camille Reynolds

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few older tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

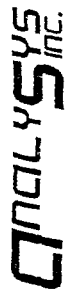
J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), (IC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Lead/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:



4221 Freidrich Lane, Suite 190, Austin, TX 78714 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs

NIM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 129201 Report Date: 05/17/02

Project ID: TNM 98-05 EOT 2056C

Sample Name: MW 10

Sample Matrix: water

Date Received: 05/08/2002 Time: 09:40

Date Sampled: 05/06/2002 Time: 12:25

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
A/BN Extraction-PAH	---	---	---	---	05/09/02	3520	---	---	---	---	---
Metals Dig.-Hlg	---	---	---	---	05/09/02	7470&245.1	---	---	---	---	---
Metals Dig.-HNO3	---	---	---	---	05/09/02	3015	---	---	---	---	---
Metals Dig.-HNO3*filtered	---	---	---	---	05/08/02	3005a	---	---	---	---	---
Total dissolved solids	959	mg/L	1	<1	05/08/02	160.1	---	3.94	-NA-	-NA-	-NA-
Aluminum/ICP	6.68	mg/L	0.2	<0.2	05/10/02	6010 & 200.7	---	0.59	106.33	96.6	112.38
Arsenic/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.19	103.34	98.52	102.7
Barium/ICP	0.212	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.54	98.15	95.44	98.7
Beryllium/ICP	<0.004	mg/L	0.004	<0.004	05/10/02	6010 & 200.7	---	0.42	102.39	95.3	102.63
Boron/ICP	0.458	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.59	101.39	96.72	97.95
Cadmium/ICP	0.583	mg/L	0.005	<0.005	05/10/02	6010 & 200.7	---	0.44	96.69	99.86	98.1
Calcium/ICP*filtered	74.4	mg/L	10	<10	05/13/02	6010 & 200.7	---	1.08	99.49	101.58	113.9
Chromium/ICP	0.0128	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	0.11	99.57	99.56	104.49
Cobalt/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.27	97.23	98.16	100.63
Copper/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.34	102.19	96.16	105.3
Iron/ICP	3.28	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.14	103.51	101	105.18
Lead/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	0.19	102.45	100.52	102.55
Magnesium/ICP*filtered	36.4	mg/L	5	<5	05/13/02	6010 & 200.7	---	0.54	99.91	99.8	99.32
Manganese/ICP	0.0535	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	---	3.22	103.8	101.56	106
Mercury/CVAA	<0.0002	mg/L	0.0002	<0.0002	05/10/02	245.1&7470	---	5.03	100	87	91.33
Molybdenum/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.1	102.71	97.55	102.73

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = HPLS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EOT 2056C
Sample Name: MW 10

Report#/Lab ID#: 129201
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Nickel/ICP	<0.02	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	J	0.07	98.78	98.11	100
Potassium/AA *filtered	5.94	mg/L	0.5	<0.5	05/16/02	258.1 & 7610	---	2.03	112.66	99.87	99.11
Selenium/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	J	0.25	99.02	99.36	98.08
Silver/GFAA	<0.002	mg/L	0.002	<0.002	05/16/02	272.2 & 101	---	1.6	113.76	90	106
Sodium/ICP*filtered	161	mg/L	50	<50	05/13/02	6010 & 200.7	---	1.25	98.74	102.08	109.59
Strontium/ICP	2.99	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	1.55	104.79	101.06	106
Tin/ICP	<0.05	mg/L	0.05	<0.05	05/10/02	6010 & 200.7	---	0.1	98.91	95.56	98.35
Vanadium/ICP	0.0738	mg/L	0.02	<0.02	05/10/02	6010 & 200.7	---	1.06	104.38	96.84	107.05
Zinc/ICP	<0.01	mg/L	0.01	<0.01	05/10/02	6010 & 200.7	J	0.41	100.36	96.08	102.53
Alkalinity, bicarbonate	160	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Alkalinity, carbonate	<10	mg/L	10	<10	05/10/02	SM2320	---	0	-NA-	-NA-	-NA-
Chloride	270	mg/L	5	<5	05/10/02	325.2 & 9251	---	0.79	98.52	108.15	95.91
Sulfate	180	mg/L	5	<5	05/10/02	375.4 & 9038	---	0.38	95.06	97.16	96.9
Extractable organics-PAH	---	---	---	---	05/14/02	8270c	---	-NA-	-NA-	-NA-	-NA-
Volatile organics-8260b/BTEX	---	---	---	---	05/11/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/11/02	8260b	---	0.1	102.8	104.9	105.9
Ethylbenzene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	92.1	93.6	94.6
m,p-Xylenes	<1	µg/L	1	<1	05/11/02	8260b	---	1	98.9	100.4	101.2
o-Xylene	<1	µg/L	1	<1	05/11/02	8260b	---	1.1	90.2	89.9	91.8
Toluene	<1	µg/L	1	<1	05/11/02	8260b	---	0	117.4	116.7	120.1
Acenaphthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0	29.9	83.1	32.7
Acenaphthylene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.3	31	87.1	33
Anthracene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.4	81.2	40.7
Benzo[a]anthracene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	37.7	82.9	38.3
Benzo[a]pyrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.5	83.8	38.8
Benzo[b]fluoranthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	37.8	80.2	36.6
Benzo[g,h,i]perylene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.7	40.1	84.3	40.3
Benzo[j,k]fluoranthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.5	81.4	38.4
Chrysene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	37.9	82.2	38.5
Dibenz[a,h]anthracene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	39.7	80.5	40.4
Fluoranthene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	1	39.4	94.3	39.1
Fluorene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	J	0	29.4	80.3	32.5



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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Camille Reynolds

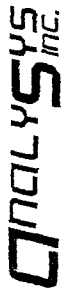
Project ID: TNM 98-05 EOT 2056c
Sample Name: MW 10

Report#/Lab ID#: 129201
Sample Matrix: water

REPORT OF ANALYSIS-cont.

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Indeno[1,2,3-cd]pyrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0	38.9	81.6	39.4
Naphthalene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	2.4	33.7	96.8	35.3
Phenanthrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	J	0.2	37.8	81.6	40.5
Pyrene	<0.05	µg/L	0.05	<0.05	05/14/02	8270c	---	0.2	38.5	84.4	38.9



4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: TNM 98-05 EOT 2056C Sample Name: MW 10	Report#/Lab ID#: 129201 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	80-120	---
Toluene-d8	8260b	95.6	88-110	---
2-Fluorobiphenyl	8270c	48.5	43-116	---
Nitrobenzene-d5	8270c	40.3	35-114	---
Terphenyl-d14	8270c	42.8	33-141	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 129201	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: TNM 98-05 EOT 2056C		
Sample Name: MW 10		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Arsenic/ICP	J	See J-flag discussion above.
Molybdenum/ICP	J	See J-flag discussion above.
Nickel/ICP	J	See J-flag discussion above.
Selenium/ICP	J	See J-flag discussion above.
Zinc/ICP	J	See J-flag discussion above.
Fluorene	J	See J-flag discussion above.
Phenanthrene	J	See J-flag discussion above.

Notes:

סמל **SYSC** **INC.**

4221 Friedrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 344-5896
Fax: (512) 437-4760

Bill to (if different):

Company Name Cost

Address

City _____ State _____ Zip _____

ATTN:

Phone _____
Fax _____

Resub Status (must be confirmed with lab mgr.):

Project Name/Port: TAM 98-05 Sampler: Amor (as)

2952-103

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)
MW 1	5-6-02	1525	2		X		129192
MW 2		1500	1				129193
MW 3		1305	1				129194
MW 4		1245	1				129195
MW 5		1449	1				129196
MW 6		1426	6				129197
MW 7		1400	1				129198
MW 8		1330	1				129199
MW 9		1200	1				129200
MW 10		1225	1				129201

If (unless, specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's method of choice). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody, ASI will default to Property Publications ASI's (3) list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 0.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Amman, Cass	CTA-L	5-7-02	W. McNamee	Amman - by ASI	5/8/02
					0940

Fluentering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer's sampler to AnalySys, Inc.'s standard terms.]

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134040 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056

Sample Name: MW 1

Sample Matrix: water

Date Received: 09/25/2002 **Time:** 09:45

Date Sampled: 09/17/2002 **Time:** 12:55

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	7.68	µg/L	1	<1	09/27/02	8260b	---	0.4	120.6	96.8	127
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	2	98.8	99.7	98.1
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	J	1.2	94.3	95.9	93.1
o-Xylene	3.01	µg/L	1	<1	09/27/02	8260b	---	0.8	94.7	97.4	92.8
Toluene	<1	µg/L	1	<1	09/27/02	8260b	J	2.1	96.8	95.5	99.2

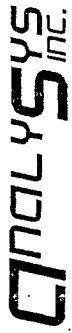
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Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 1

Report#/Lab ID#: 134040
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.8	80-120	---
Toluene-d8	8260b	95.7	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 134040 Matrix: water
Client: Environmental Tech Group Attn: Ken Dutton
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 1

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134041 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 2
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 12:35

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	23.6	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128
Ethylbenzene	1.3	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.3
m,p-Xylenes	2.83	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	1.48	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	10.5	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 2

Report#/Lab ID#: 134041
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.2	80-120	---
Toluene-d8	8260b	95.3	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134042 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 3
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 14:37

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	4.16	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	125
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.2
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	1.37	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 3

Report#/Lab ID#: 134042
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	98.4	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134043 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 4
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 15:12

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	12 ^f
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.3
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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Respectfully Submitted,
Richard Laster
Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 4

Report#/Lab ID#: 134043
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97	80-120	---
Toluene-d8	8260b	97.3	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland

Hobbs,

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134044 **Report Date:** 10/02/02

Project ID: TNM - 98 - 05 EOT 2056

Sample Name: MW 5

Sample Matrix: water

Date Received: 09/25/2002 **Time:** 09:45

Date Sampled: 09/17/2002 **Time:** 14:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	31.3	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	12 ⁸
Ethylbenzene	1.12	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.5
m,p-Xylenes	2.13	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	1.5	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	14.2	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

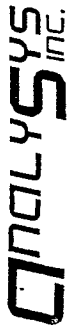
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Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Dr., Austin, TX 78744
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 5

Report#/Lab ID#: 134044
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	103	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134045 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 6
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 14:18

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	6.24	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.2
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	2.23	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

QUALITY ASSURANCE DATA¹

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Richard Laster
Richard Laster

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3512 Montopolis Dr., Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 6

Report#/Lab ID#: 134045
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	94.1	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134046 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 7
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 13:56

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	3.95	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.2
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	2.27	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

QUALITY ASSURANCE DATA¹

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 7

Report#/Lab ID#: 134046
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.7	80-120	---
Toluene-d8	8260b	95.3	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134047 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 8
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 13:41

REPORT OF ANALYSIS

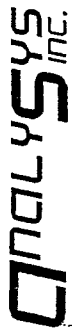
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	1.25	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

QUALITY ASSURANCE DATA¹

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Richard Laster
Richard Laster

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 8

Report#/Lab ID#: 134047
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	94.4	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134048 **Report Date:** 10/02/02
Project ID: TNM - 98 - 05 EOT2056
Sample Name: MW 9
Sample Matrix: water
Date Received: 09/25/2002 **Time:** 09:45
Date Sampled: 09/17/2002 **Time:** 13:20

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	12F
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.4
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

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(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 9

Report#/Lab ID#: 134048
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	95.2	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs,

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 134049 **Report Date:** 10/02/02

Project ID: TNM - 98 - 05 EOT 2056

Sample Name: MW 10

Sample Matrix: water

Date Received: 09/25/2002 **Time:** 09:45

Date Sampled: 09/17/2002 **Time:** 15:25

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	102.
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: MW 10

Report#/Lab ID#: 134049
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.9	80-120	---
Toluene-d8	8260b	96.8	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Ken Dutton

Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report# / Lab ID#: 134050 **Report Date:** 10/02/02

Project ID: TNM - 98 - 05 EOT 2056

Sample Name: EB 1

Sample Matrix: water

Date Received: 09/25/2002 **Time:** 09:45

Date Sampled: 09/17/2002 **Time:** 15:40

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		09/27/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/27/02	8260b	---	11.6	112.9	99.7	128 ⁴
Ethylbenzene	<1	µg/L	1	<1	09/27/02	8260b	---	5.8	102.4	104.4	10.
m,p-Xylenes	<1	µg/L	1	<1	09/27/02	8260b	---	4.5	96.6	100.3	98.2
o-Xylene	<1	µg/L	1	<1	09/27/02	8260b	---	3.1	96.2	100.6	98.3
Toluene	<1	µg/L	1	<1	09/27/02	8260b	---	9.9	89.8	100.4	98

QUALITY ASSURANCE DATA¹

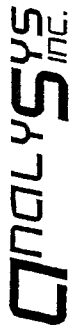
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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: TNM - 98 - 05 EOT 2056
Sample Name: EB 1

Report#/Lab ID#: 134050
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	96.5	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN-OF-CUSTODY

Send Reports To:

Company Name E.T.G. I.

Address 2550 W. ANN LANE

City MEMPHIS State TN Zip 38240

ATTN: AN EN 2470N

Phone (505) 747-8582 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.):

Project Name/ID: TNM-98-05 Sampler: Marcelo Campos

EOI-2456

Bill to (if different):

Company Name EOT

Address

City

ATTN:

Phone

Fax

State

Zip

City

State

Zip

Analyses Requested (1)

Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Water/Waste	Soil	Lab I.D. # (Lab only)	Comments
mw 1	9-7-02	1255	2	X		134040	
mw 2		1235				134041	
mw 3		1437				134042	
mw 4		1512				134043	
mw 5		1452				134044	
mw 6		1418				134045	
mw 7		1356				134046	
mw 8		1341				134047	
mw 9		1320				134048	
mw 10		1525				134049	

At the time of collection, requested other use on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting format (EOT). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody, ASI will default to Parent. Further, ASI's HSE lab at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 2.5°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Marcelo Campos	E.T.G.I.	9-24-02	1030	Philip Humphrey ASI	9/25/02
					0945

This turning of delivery described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/supplier to AnalySys, Inc.'s standard terms.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report Date: 11/22/02

Project ID: 98-054 EO 2056

Sample Name: MW 1

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 13:46

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	6.97	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	---	2.6	105.7	99.1	106.6
m,p-Xylenes	1.11	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	2.96	µg/L	1	<1	11/19/02	8260b	---	2.7	103.9	91.6	105.5
Toluene	<1	µg/L	1	<1	11/19/02	8260b	J	2.1	109.7	98.8	108.1

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (<) values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. R = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M1 = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: 98-05A EO 2056 Sample Name: MW 1	Report#/Lab ID#: 136500 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 136500 Matrix: water
Client: Environmental Tech Group
Project ID: 98-05A EO 2056
Sample Name: MW 1

Attn: Camille Reynolds

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be assured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 136501

Project ID: 98-05A EO 2056

Sample Name: MW 2

Sample Matrix: water

Date Received: 11/15/2002

Time: 14:30

Date Sampled: 11/13/2002

Time: 14:01

Report Date: 11/22/02

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/19/02	8260b	---	---	---	---	---
Benzene	5.75	µg/L	1	<1	11/19/02	8260b	---	1.6	74.2	91.9	73.9
Ethylbenzene	<1	µg/L	1	<1	11/19/02	8260b	J	2.6	105.7	99.1	106.6
m,p-Xylenes	1.11	µg/L	1	<1	11/19/02	8260b	---	3.2	106	98.4	108.7
o-Xylene	<1	µg/L	1	<1	11/19/02	8260b	J	2.7	103.9	91.6	105.5
Toluene	4.49	µg/L	1	<1	11/19/02	8260b	---	2.1	109.7	98.8	108.1

QUALITY ASSURANCE DATA¹

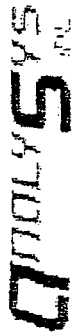
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 98-05A EO 2056
Sample Name: MW 2

Report#/Lab ID#: 136501
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.8	80-120	---
Toluene-d8	8260b	103	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 136501 Matrix: water
Client: Environmental Tech Group
Project ID: 98-05A EO 2056
Sample Name: MW 2

Attn: Camille Reynolds

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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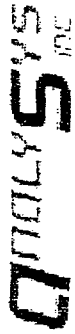
J Flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes:



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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 136502 Report Date: 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 3
Sample Matrix: water
Date Received: 11/15/2002 Time: 14:30
Date Sampled: 11/13/2002 Time: 12:45

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	2.79	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	J	7.3	107.2	108.4	114.3
m,p-Xylenes	1.24	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	J	5.3	100.7	95.8	108.6
Toluene	1.08	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

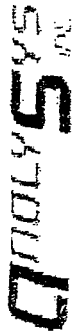
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 98-05A EO 2056
Sample Name: MW 3

Report#/Lab ID#: 136502
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 136502 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: 98-05A EO 2056
Sample Name: MW 3

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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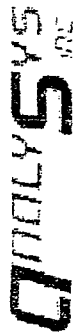
J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualifier	Comment
Ethylbenzene	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report #/Lab ID#: 136503

Project ID: 98-05A EO 2056

Sample Name: MW 4

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 11:09

Report Date: 11/22/02

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ¹
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/21/02	8260b	J	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	<1	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 98-05A EO 2056
Sample Name: MW 4

Report#/Lab ID#: 136503
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.2	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 136503	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: 98-05A EO 2056		
Sample Name: MW 4		

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be maintained due to sample submersion in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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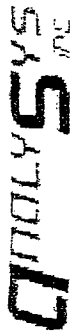
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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualifier	Comment
Benzene	J	See J-flag discussion above.

Notes:



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Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 136504 Report Date: 11/22/02

Project ID: 98-05A EO 2056

Sample Name: MW 5

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 14:18

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/20/02	8260b	---	---	---	---	---
Benzene	13.1	µg/L	1	<1	11/20/02	8260b	---	0.2	77	86.8	77.2
Ethylbenzene	<1	µg/L	1	<1	11/20/02	8260b	---	0.3	105.2	105.7	102
m,p-Xylenes	1.07	µg/L	1	<1	11/20/02	8260b	---	1.9	106	106.3	105.5
o-Xylene	<1	µg/L	1	<1	11/20/02	8260b	J	8.3	92.6	95.3	93.8
Toluene	6.05	µg/L	1	<1	11/20/02	8260b	---	1	90.4	85	88.5

QUALITY ASSURANCE DATA¹

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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: 98-05A EO 2056 Sample Name: MW 5	Report#/Lab ID#: 136504 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87.3	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 136504	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: 98-05A EO 2056		
Sample Name: MW 5		

Sample Temperature/Condition <=6°C

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualifier	Comment
o-Xylene	J	See J-flag discussion above.

Notes:



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 136505 Report Date: 11/22/02

Project ID: 98-05A EO 2056

Sample Name: MW 6

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 13:25

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	5.06	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	1.13	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

QUALITY ASSURANCE DATA¹

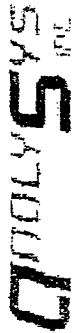
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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC%) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are: 1 = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceeds advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = LIS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. N1 = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

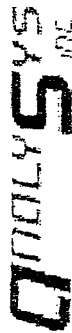
Project ID: 98-05A EO 2056
Sample Name: MW 6

Report#/Lab ID#: 136505
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	87	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 136506 Report Date: 11/22/02

Project ID: 98-05A EO 2056

Sample Name: MW 7

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 13:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	4.22	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	1.62	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

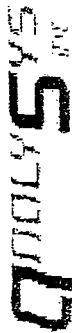
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Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 98-05A EO 2056
Sample Name: MW 7

Report#/Lab ID#: 136506
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.4	80-120	---
Toluene-d8	8260b	100	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 136507 Report Date: 11/22/02
Project ID: 98-05A EO 2056
Sample Name: MW 8
Sample Matrix: water
Date Received: 11/15/2002 Time: 14:30
Date Sampled: 11/13/2002 Time: 12:29

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LC'S ⁴
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	2.94	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	2.32	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Canille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 136508 Report Date: 11/22/02

Project ID: 98-05A EO 2056

Sample Name: MW 9

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 11:26

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	101.7	95.8	108.6
Toluene	<1	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

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Respectfully Submitted,

Richard Laster

Richard Laster

QUALITY ASSURANCE DATA¹

Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
8260b	---	---	---	---	---
8260b	---	0.5	79.3	85.1	74.4
8260b	---	7.3	107.2	108.4	114.3
8260b	---	4.8	108.5	107.8	112.8
8260b	---	5.3	101.7	95.8	108.6
8260b	---	0.2	94.3	83.9	102.4

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Client: Environmental Tech Group
Attn: Camille Reynolds

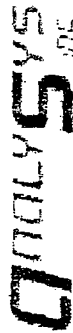
Project ID: 98-05A EO 2056
Sample Name: MW 9

Report#/Lab ID#: 136508
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	91.1	80-120	---
Toluene-d8	8260b	99.9	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 136509 Report Date: 11/22/02

Project ID: 98-05A EO 2056

Sample Name: MW 10

Sample Matrix: water

Date Received: 11/15/2002 Time: 14:30

Date Sampled: 11/13/2002 Time: 12:10

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/21/02	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/21/02	8260b	---	0.5	79.3	85.1	74.4
Ethylbenzene	<1	µg/L	1	<1	11/21/02	8260b	---	7.3	107.2	108.4	114.3
m,p-Xylenes	<1	µg/L	1	<1	11/21/02	8260b	---	4.8	108.5	107.8	112.8
o-Xylene	<1	µg/L	1	<1	11/21/02	8260b	---	5.3	100.7	95.8	108.6
Toluene	<1	µg/L	1	<1	11/21/02	8260b	---	0.2	94.3	83.9	102.4

QUALITY ASSURANCE DATA¹

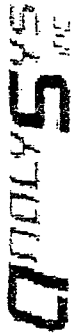
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Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: 98-05A EO 2056 Sample Name: MW 10	Report#/Lab ID#: 136509 Sample Matrix: water
--	--	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.1	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN-OF-CUSTODY

Analysys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744
(512) 444-5896

Send Reports To:

Company Name E. T. G. I.
Address 2540 W. Marland
City Hobbs State NM Zip 88240
ATTN: Camille Reynolds
Phone 505-397-4882 Fax 505-397-4741

Bill to (if different):

Company Name _____
Address _____
City _____ State _____ Zip _____
ATTN: _____
Phone _____ Fax _____

Rush Status (must be confirmed with lab mgr.):

Project Name/PO#: TIM 98-05 Sampler: Marcelo Campos

EO-2056

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab. only)	Comments
<u>mw1</u>	<u>11/13/02</u>	<u>1346</u>	<u>2</u>		<u>X</u>		<u>136500</u>	
<u>mw2</u>		<u>1401</u>					<u>136501</u>	
<u>mw3</u>		<u>1245</u>					<u>136502</u>	
<u>mw4</u>		<u>1149</u>					<u>136503</u>	
<u>mw5</u>		<u>1418</u>					<u>136504</u>	
<u>mw6</u>		<u>1325</u>					<u>136505</u>	
<u>mw7</u>		<u>1305</u>					<u>136506</u>	
<u>mw8</u>		<u>1229</u>					<u>136507</u>	
<u>mw9</u>		<u>1126</u>					<u>136508</u>	
<u>mw10</u>		<u>1210</u>	<u>1</u>		<u>1</u>		<u>136509</u>	

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 4.2 C

Sample Relinquished By				Sample Received By		
Name	Affiliation	Date	Time	Name	Affiliation	Date
<u>Marcelo Campos</u>	<u>E. T. G. I.</u>	<u>11/14/02</u>	<u>1415</u>	<u>William Thompson</u>	<u>ASI</u>	<u>11/15/02</u>
						<u>14:30</u>

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139126 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-4
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 13:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/11/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/11/03	8260b	---	0.1	82.1	85.2	104.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-4

Report#/Lab ID#: 139126

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139127 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-9
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 13:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/12/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/12/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/12/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/12/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/12/03	8260b	---	0.1	82.1	85.2	104.1

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1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.

Respectfully Submitted,
Richard Laster
Richard Laster



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: WE98052403 MW-9

Report#/Lab ID#: 139127
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	106	80-120	---
Toluene-d8	8260b	105	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139128 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-10
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 14:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/12/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/12/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/12/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/12/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/12/03	8260b	---	0.1	82.1	85.2	104.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL, B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: WE98052403 MW-10

Report#/Lab ID#: 139128
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d3	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139129 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-8
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 14:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		02/11/03	8260b	---	---	---	---	---
Benzene	8.19	µg/L	1	<1	02/11/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b	J	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	J	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	4.92	µg/L	1	<1	02/11/03	8260b	---	0.1	82.1	85.2	104.1

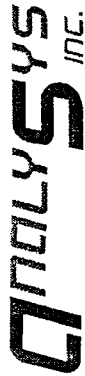
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Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: WE98052403 MW-8

Report#/Lab ID#: 139129
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.1	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 139129 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: EO 2056
Sample Name: WE98052403 MW-8

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Ethylbenzene	J	See J-flag discussion above.
m,p-Xylenes	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139130 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-3
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/11/03	8260b	---	---	---	---	---
Benzene	1.64	µg/L	1	<1	02/11/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/11/03	8260b	J	0.1	82.1	85.2	104.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-3

Report#/Lab ID#: 139130

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 139130 Matrix: water

Client: Environmental Tech Group

Project ID: EO 2056

Sample Name: WE98052403 MW-3

Attn: Camille Reynolds

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
 Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139131 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-7
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 14:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		02/11/03	8260b	---	---	---	---	---
Benzene	1.73	µg/L	1	<1	02/11/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	1.01	µg/L	1	<1	02/11/03	8260b	---	0.1	82.1	85.2	104.1

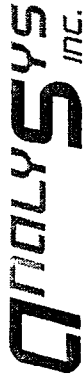
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Respectfully Submitted,

Richard Laster

Richard Laster



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-7

Report#/Lab ID#: 139131

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	92.4	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
 Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139132 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-6
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 15:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/11/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/11/03	8260b	J	0.1	82.1	85.2	104.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-6

Report#/Lab ID#: 139132

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	107	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 139132 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: EO 2056
Sample Name: WE98052403 MW-6

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
 Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139133 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-2
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 15:15

REPORT OF ANALYSIS

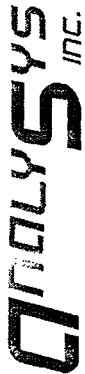
Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/11/03	8260b					
Benzene	2.29	µg/L	1	<1	02/11/03	8260b		2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b		4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	J	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b		0.6	96.2	96.3	98.8
Toluene	2.3	µg/L	1	<1	02/11/03	8260b		0.1	82.1	85.2	104.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,
Richard Laster
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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-2

Report#/Lab ID#: 139133

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	107	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 139133 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: EO 2056
Sample Name: WE98052403 MW-2

Sample Temperature/Condition <=6°C

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- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139134 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-1
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/11/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/11/03	8260b	---	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/11/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/11/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/11/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/11/03	8260b	---	0.1	82.1	85.2	104.1

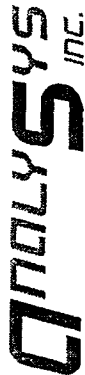
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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-1

Report#/Lab ID#: 139134

Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
 Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 139135 **Report Date:** 02/13/03
Project ID: EO 2056
Sample Name: WE98052403 MW-5
Sample Matrix: water
Date Received: 02/10/2003 **Time:** 08:00
Date Sampled: 02/04/2003 **Time:** 15:45

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/12/03	8260b					
Benzene	<1	µg/L	1	<1	02/12/03	8260b	J	2.1	83.3	86.8	97
Ethylbenzene	<1	µg/L	1	<1	02/12/03	8260b	---	4.2	103.8	101.8	103
m,p-Xylenes	<1	µg/L	1	<1	02/12/03	8260b	---	3.6	105.2	99.8	103.3
o-Xylene	<1	µg/L	1	<1	02/12/03	8260b	---	0.6	96.2	96.3	98.8
Toluene	<1	µg/L	1	<1	02/12/03	8260b	J	0.1	82.1	85.2	104.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: WE98052403 MW-5

Report#/Lab ID#: 139135
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.3	80-120	---
Toluene-d8	8260b	106	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 139135 Matrix: water

Client: Environmental Tech Group Attn: Camille Reynolds

Project ID: EO 2056

Sample Name: WE98052403 MW-5

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.
Toluene	J	See J-flag discussion above.

Notes:



Send Reports to:
Company Name ETGI
Address 2510 W. Montopolis
City Hobbs State NM Zip 88240
ATTN: Camille Reynolds
Phone (505) 397-4582 Fax (505) 397-4701
Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EO 2056 Sampler: Site-Fin

Bill to (if different):
Company Name ETGI
Address _____
City _____ State _____ Zip _____
ATTN: _____ Phone _____ Fax _____

3512 Montopolis Drive, Austin, TX 78744
Phone: (512) 385-5886 Fax: (512) 385-7411
2209 N.P.I.D., Ste K, Corpus Christi, TX 78408
Phone: (361) 289-6384 Fax: (361) 289-0875

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
WE 4805 2403 MW-4	2-4-03	1:30	2		X	139126	
WE 4805 2403 MW-9	2-4-03	1:45	2		X	139127	
WE 4805 2403 MW-10	2-4-03	2:00	2		X	139128	
WE 4805 2403 MW-8	2-4-03	2:15	2		X	139129	
WE 4805 2403 MW-3	2-4-03	2:30	2		X	139130	
WE 4805 2403 MW-7	2-4-03	2:45	2		X	139131	
WE 4805 2403 MW-6	2-4-03	3:00	2		X	139132	
WE 4805 2403 MW-2	2-4-03	3:15	2		X	139133	
WE 4805 2403 MW-1	2-4-03	3:30	2		X	139134	
WE 4805 2403 MW-5	2-4-03	3:45	2		X	139135	

(1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T = 5.0°C

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<u>Site-Fin</u>	<u>ETGI</u>	<u>2-4-03</u>	<u>Melanie Humphrey</u>	<u>ASI</u>	<u>2/10/03</u>

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142398 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 1
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 08:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	2.7	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	J	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	J	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 1

Report#/Lab ID#: 142398
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
I,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	99.5	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 142398 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: EO 2056
Sample Name: MW - 1

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.
o-Xylene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142399 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 2
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 09:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	<1	µg/L	1	<1	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster
Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 2

Report#/Lab ID#: 142399
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	95.9	80-120	---
Toluene-d8	8260b	103	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142400 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 3
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 10:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	<1	µg/L	1	<1	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,
Richard Laster
Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 3

Report#/Lab ID#: 142400
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	88.7	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142401 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 4
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

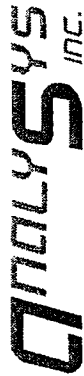
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Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 4

Report#/Lab ID#: 142401
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	80-120	---
Toluene-d8	8260b	102	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142402 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 5
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	4.44	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	J	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

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Respectfully Submitted,

Richard Laster
Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 5

Report#/Lab ID#: 142402
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.2	80-120	---
Toluene-d8	8260b	103	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 142402	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO 2056		
Sample Name: MW - 5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
m,p-Xylenes	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142403

Project ID: EO 2056

Sample Name: MW - 6

Sample Matrix: water

Date Received: 05/09/2003 **Time:** 12:00

Date Sampled: 05/06/2003 **Time:** 13:00

Report Date: 05/13/03

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

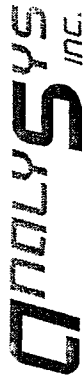
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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 6

Report#/Lab ID#: 142403
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.4	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142404 **Report Date:** 05/13/03

Project ID: EO 2056

Sample Name: MW - 7

Sample Matrix: water

Date Received: 05/09/2003 **Time:** 12:00

Date Sampled: 05/06/2003 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 7

Report#/Lab ID#: 142404
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	101	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142405 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 8
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	J	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 8

Report#/Lab ID#: 142405
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	90.1	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 142405	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: EO 2056		
Sample Name: MW -8		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Mariland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142406 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 9
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 16:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---	---	---	---	05/12/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	05/12/03	8260b	---	0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b	---	3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b	---	3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b	---	3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b	---	0.2	96.1	97.8	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW - 9

Report#/Lab ID#: 142406
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.9	80-120	---
Toluene-d8	8260b	107	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 142407 **Report Date:** 05/13/03
Project ID: EO 2056
Sample Name: MW - 10
Sample Matrix: water
Date Received: 05/09/2003 **Time:** 12:00
Date Sampled: 05/06/2003 **Time:** 17:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX					05/12/03	8260b					
Benzene	<1	µg/L	1	<1	05/12/03	8260b		0.4	84.5	89.4	91.1
Ethylbenzene	<1	µg/L	1	<1	05/12/03	8260b		3.4	99.6	100.9	104.4
m,p-Xylenes	<1	µg/L	1	<1	05/12/03	8260b		3.8	103.6	100	114.6
o-Xylene	<1	µg/L	1	<1	05/12/03	8260b		3.2	105.2	101.5	112.8
Toluene	<1	µg/L	1	<1	05/12/03	8260b		0.2	96.1	97.8	106.1

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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL, B = Analyte detected in associated method blank(s). S1 = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



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Client: Environmental Tech Group
Attn: Camille Reynolds

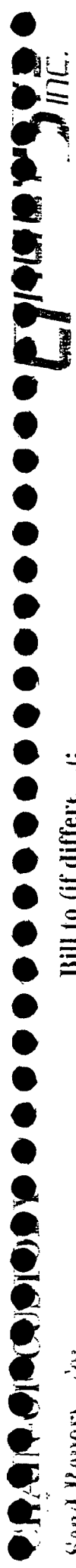
Project ID: EO 2056
Sample Name: MW - 10

Report#/Lab ID#: 142407
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	99.1	80-120	---
Toluene-d8	8260b	99.7	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



Send Report to:
Company Name E. T. C. I.
Address 2541 W. Maryland State MA Zip 01824
City Hobbs
ATTN: Camille Reynolds
Phone 508-397-4882 Fax 508-397-4741

Bill to (if different):
Company Name Etc
Address _____
City _____ State _____ Zip _____
ATTN: _____
Phone _____ Fax _____

Analyses Requested (1)
Please attach explanatory information as required

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: EO 2056 **Sampler:** Sutton Frisk

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	Comments
MW-1	5-6-03	8:00	2		X		142398	
MW-2	5-6-03	9:00	2		X		142399	
MW-3	5-6-03	10:00	2		X		142400	
MW-4	5-6-03	11:00	2		X		142401	
MW-5	5-6-03	12:00	2		X		142402	
MW-6	5-6-03	1:00	2		X		142403	
MW-7	5-6-03	2:00	2		X		142404	
MW-8	5-6-03	3:00	2		X		142405	
MW-9	5-6-03	4:00	2		X		142406	
MW-10	5-6-03	5:00	2		X		142407	

1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting units (MPL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Polynuclear Aromatic Hydrocarbon (PPA) list at ASI's option. Specific compound lists must be supplied for all GC procedures.

T= 5.6°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Sutton Frisk	ETCI	5-6-03		Melvin Hargreaves	ASI	5/9/03	12:00

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146265 **Report Date:** 08/22/03
Project ID: TNM 98-05 EO2056
Sample Name: MW-1
Sample Matrix: water
Date Received: 08/19/2003 **Time:** 11:45
Date Sampled: 08/15/2003 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	14.1	µg/L	1	<1	08/21/03	8260b	---	21.4	79.1	98.2	94.1
Ethylbenzene	10.5	µg/L	1	<1	08/21/03	8260b	---	2.1	111	105.1	109.2
m,p-Xylenes	18.9	µg/L	1	<1	08/21/03	8260b	---	1.1	109.4	101.4	107.7
o-Xylene	5.47	µg/L	1	<1	08/21/03	8260b	---	1.2	111.6	104.2	110.6
Toluene	9.67	µg/L	1	<1	08/21/03	8260b	---	15.8	101	116.8	111.4

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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than (" $<$ ") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-1

Report#/Lab ID#: 146265
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146266 **Report Date:** 08/22/03
Project ID: TNM 98-05 EO2056
Sample Name: MW-2
Sample Matrix: water
Date Received: 08/19/2003 **Time:** 11:45
Date Sampled: 08/15/2003 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b		---	---	---	---
Benzene	<1	µg/L	1	<1	08/21/03	8260b	J	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2000, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: TNM 98-05 EO2056 Sample Name: MW-2	Report#/Lab ID#: 146266 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	107	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 146266	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: TNM 98-05 EO2056		
Sample Name: MW-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146267 **Report Date:** 08/22/03
Project ID: TNM 98-05 EO2056
Sample Name: MW-3
Sample Matrix: water
Date Received: 08/19/2003 **Time:** 11:45
Date Sampled: 08/15/2003 **Time:** 11:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-3

Report#/Lab ID#: 146267
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 146268 Report Date: 08/22/03
Project ID: TNNM 98-05 EO2056
Sample Name: MW-4
Sample Matrix: water
Date Received: 08/19/2003 Time: 11:45
Date Sampled: 08/15/2003 Time: 11:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group	Project ID: TNM 98-05 EO2056	Report#/Lab ID#: 146268
Attn: Camille Reynolds	Sample Name: MW-4	Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 146269

Report Date: 08/22/03

Project ID: TNM 98-05 EO2056

Sample Name: MW-5

Sample Matrix: water

Date Received: 08/19/2003

Time: 11:45

Date Sampled: 08/15/2003

Time: 12:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	5.69	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	2.15	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	J	4.4	105.3	102.5	121

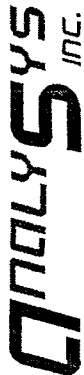
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-5

Report#/Lab ID#: 146269
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	114	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 146269	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: TNM 98-05 EO2056		
Sample Name: MW-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146270 **Report Date:** 08/22/03
Project ID: TNM 98-05 EO2056
Sample Name: MW-6
Sample Matrix: water
Date Received: 08/19/2003 **Time:** 11:45
Date Sampled: 08/15/2003 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	3.47	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

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Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: TNM 98-05 EO2056 Sample Name: MW-6	Report#/Lab ID#: 146270 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	105	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146271 **Report Date:** 08/22/03

Project ID: TNM 98-05 EO2056

Sample Name: MW-7

Sample Matrix: water

Date Received: 08/19/2003 **Time:** 11:45

Date Sampled: 08/15/2003 **Time:** 13:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	1.45	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-7

Report#/Lab ID#: 146271
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	--
Toluene-d8	8260b	101	88-110	--

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146272 **Report Date:** 08/22/03
Project ID: TNM 98-05 EO2056
Sample Name: MW-8
Sample Matrix: water
Date Received: 08/19/2003 **Time:** 11:45
Date Sampled: 08/15/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	2.68	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

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Respectfully Submitted,

Richard Laster

Richard Laster

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-8

Report#/Lab ID#: 146272
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	109	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report#/Lab ID#: 146273

Report Date: 08/22/03

Project ID: TNM 98-05 EO2056

Sample Name: MW-9

Sample Matrix: water

Date Received: 08/19/2003 Time: 11:45

Date Sampled: 08/15/2003 Time: 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

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Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-9

Report#/Lab ID#: 146273
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	112	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 146274 **Report Date:** 08/22/03

Project ID: TNM 98-05 EO2056

Sample Name: MW-10

Sample Matrix: water

Date Received: 08/19/2003 **Time:** 11:45

Date Sampled: 08/15/2003 **Time:** 14:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		08/21/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	08/21/03	8260b	---	8.4	85.9	81.1	102
Ethylbenzene	<1	µg/L	1	<1	08/21/03	8260b	---	6.6	114.6	107.6	114.1
m,p-Xylenes	<1	µg/L	1	<1	08/21/03	8260b	---	6.8	112.3	101.8	111.7
o-Xylene	<1	µg/L	1	<1	08/21/03	8260b	---	7.3	116.4	106.2	114.1
Toluene	<1	µg/L	1	<1	08/21/03	8260b	---	4.4	105.3	102.5	121

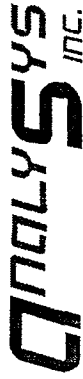
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Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: TNM 98-05 EO2056
Sample Name: MW-10

Report#/Lab ID#: 146274
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

3512 Montopolis Drive, Austin, TX 7874
Phone: (512) 385-5886 Fax: (512) 385-74

2209 N.P.I.D., Ste K, Corpus Christi, TX 78
Phone: (361) 289-6384 Fax: (361) 289-08

Analyses Requested (1)

Rush Status (must be confirmed with lab mgr.): _____
Project Name/PO#: TMM 98-05 Ed 2056 Sampler: Justin Frisk

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D.# (Lab only)	ATX#						Comments	
MW-1	8-15-03	10:00	2		X	146265	X							
MW-2	8-15-03	10:30	2		X	146266	X							
MW-3	8-15-03	11:00	2		X	146267	X							
MW-4	8-15-03	11:30	2		X	146268	X							
MW-5	8-15-03	12:00	2		X	146269	X							
MW-6	8-15-03	12:30	2		X	146270	X							
MW-7	8-15-03	1:00	2		X	146271	X							
MW-8	8-15-03	1:30	2		X	146272	X							
MW-9	8-15-03	2:00	2		X	146273	X							
MW-10	8-15-03	2:30	2		X	146274	X							

(j) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal report limits (NDI/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutant ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

$$\tau = 46 \text{ e}$$

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
Lab 20	STGT	8-15-03	Melanie Humphrey	ASI	8/19/03
					11:45

[Fenderling of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149477 **Report Date:** 11/18/03

Project ID: EO 2056

Sample Name: MW-1

Sample Matrix: water

Date Received: 11/11/2003 **Time:** 15:00

Date Sampled: 11/07/2003 **Time:** 12:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	8.01	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	5.77	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	117
m,p-Xylenes	10.4	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.0
o-Xylene	3.24	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	2.21	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

QUALITY ASSURANCE DATA¹

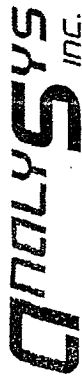
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-1

Report#/Lab ID#: 149477
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	96.6	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149478 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-2
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 12:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-2

Report#/Lab ID#: 149478
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	94.8	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149479 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-3
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 13:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.3
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

QUALITY ASSURANCE DATA¹

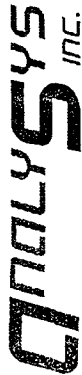
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-3

Report#/Lab ID#: 149479
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149480 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-4
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 13:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

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Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-4

Report#/Lab ID#: 149480
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.3	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149481 **Report Date:** 11/18/03

Project ID: EO 2056

Sample Name: MW-5

Sample Matrix: water

Date Received: 11/11/2003 **Time:** 15:00

Date Sampled: 11/07/2003 **Time:** 14:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	1.23	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	117
m,p-Xylenes	7.81	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

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Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-5

Report#/Lab ID#: 149481
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	--
Toluene-d8	8260b	109	88-110	--

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149482 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-6
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 14:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-6

Report#/Lab ID#: 149482
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	93.6	80-120	---
Toluene-d8	8260b	110	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149483 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-7
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 15:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

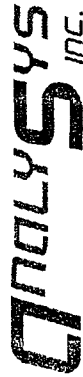
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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-7

Report#/Lab ID#: 149483
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	98.7	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149484 **Report Date:** 11/18/03

Project ID: EO 2056

Sample Name: MW-8

Sample Matrix: water

Date Received: 11/11/2003 **Time:** 15:00

Date Sampled: 11/07/2003 **Time:** 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

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Respectfully Submitted,

Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-8

Report#/Lab ID#: 149484
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149485 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-9
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 16:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶ 8260b(5030/5035)	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.5
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

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Richard Laster

Richard Laster

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 149486 **Report Date:** 11/18/03
Project ID: EO 2056
Sample Name: MW-10
Sample Matrix: water
Date Received: 11/11/2003 **Time:** 15:00
Date Sampled: 11/07/2003 **Time:** 16:30

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		11/17/03	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	11/17/03	8260b	---	0.1	93.7	87.1	97.6
Ethylbenzene	<1	µg/L	1	<1	11/17/03	8260b	---	3.3	107.5	96	112
m,p-Xylenes	<2	µg/L	2	<2	11/17/03	8260b	---	3.9	100.6	93.8	106.0
o-Xylene	<1	µg/L	1	<1	11/17/03	8260b	---	4	115.7	108.1	108.6
Toluene	<1	µg/L	1	<1	11/17/03	8260b	---	0	98.6	94.3	100

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Respectfully Submitted,

Richard Laster

Richard Laster

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-9

Report#/Lab ID#: 149485
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	101	80-120	---
Toluene-d8	8260b	109	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: EO 2056
Sample Name: MW-10

Report#/Lab ID#: 149486
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.1	80-120	---
Toluene-d8	8260b	108	88-110	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Send Report to: Bill to (if different):

Company Name Environmental Technology Group

Address 2540 W. McLeod

City Holbrook State N.M. Zip 88240

ATTN: Carmelle Reynolds

Phone (505) 397-4882 Fax (505) 397-4701

Rush Status (must be confirmed with lab mgr.): Noted

Project Name/PO#: EO 2056 98-05 Sampler: John D

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water/Waste	Lab I.D. # (Lab only)	Comments
MW-1	11-7-03	12:00	2		X	149477	
MW-2	11-7-03	12:30	2		X	149478	
MW-3	11-7-03	1:00	2		X	149479	
MW-4	11-7-03	1:30	2		X	149480	
MW-5	11-7-03	2:00	2		X	149481	
MW-6	11-7-03	2:30	2		X	149482	
MW-7	11-7-03	3:00	2		X	149483	
MW-8	11-7-03	3:30	2		X	149484	
MW-9	11-7-03	4:00	2		X	149485	
MW-10	11-7-03	4:30	2		X	149486	

1) Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal reporting limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Sample Relinquished By			Sample Received By		
Name	Affiliation	Date	Name	Affiliation	Date
<u>John D</u>	<u>ETG</u>	<u>11-7-03</u>	<u>Melanie Humphrey</u>	<u>AS</u>	<u>11/11/03</u>
					<u>15:00</u>

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

3512 Montopolis Drive, Austin, TX 78744
Phone: (512) 385-5886 Fax: (512) 385-7411
2209 N.P.I.D., Ste K, Corpus Christi, TX 78408
Phone: (361) 289-6184 Fax: (361) 289-0875

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

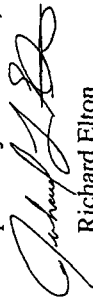
Phone: 505 397-4882 **FAX:** 505 397-4701

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	30	µg/L	1	<1	02/10/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	9.79	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	18.6	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	7.23	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	7.71	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

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Respectfully Submitted,



Richard Elton

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Report#/Lab ID#: 152610 **Report Date:** 02/12/04
Project ID: 9805 LI-2056
Sample Name: MW-1
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/04/2004 **Time:** 16:02

QUALITY ASSURANCE DATA¹



3512 Montopolis Drive, Austin, TX 78744 &
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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-1

Report#/Lab ID#: 152610
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	107	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152611 **Report Date:** 02/12/04
Project ID: 9805 LI-2056
Sample Name: MW-2
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/04/2004 **Time:** 12:05

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatle organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	J	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

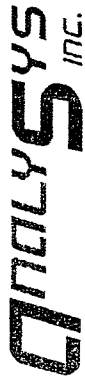
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Respectfully Submitted,



Richard Elton

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3512 Montopolis Drive, Austin, TX 78744 &
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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-2

Report#/Lab ID#: 152611
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.9	74-124	---
Toluene-d8	8260b	106	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 152611 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: 9805 LI-2056
Sample Name: MW-2

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TTRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152612 **Report Date:** 02/12/04

Project ID: 9805 LI-2056

Sample Name: MW-3

Sample Matrix: water

Date Received: 02/05/2004 **Time:** 12:00

Date Sampled: 02/04/2004 **Time:** 12:30

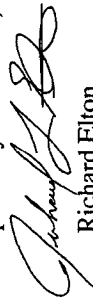
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

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Respectfully Submitted,


Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-3

Report#/Lab ID#: 152612
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	105	74-124	---
Toluene-d8	8260b	105	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152613 **Report Date:** 02/12/04
Project ID: 9805 LI-2056
Sample Name: MW-4
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/04/2004 **Time:** 13:00

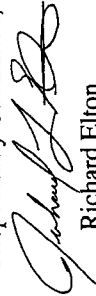
REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

QUALITY ASSURANCE DATA¹

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-4

Report#/Lab ID#: 152613
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	108	74-124	---
Toluene-d8	8260b	107	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152614 **Report Date:** 02/12/04

Project ID: 9805 LI-2056

Sample Name: MW-5

Sample Matrix: water

Date Received: 02/05/2004 **Time:** 12:00

Date Sampled: 02/04/2004 **Time:** 13:35

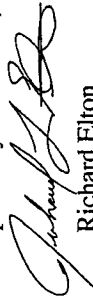
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)					
Benzene	<1	µg/L	1	<1	02/10/04	8260b	J	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-5

Report#/Lab ID#: 152614
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	111	74-124	---
Toluene-d8	8260b	105	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.



Report #/Lab ID#: 152614	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: 9805 LI-2056		
Sample Name: MW-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882

FAX: 505 397-4701

Report Date: 02/12/04

Report#/Lab ID#: 152615

Project ID: 9805 LI-2056

Sample Name: MW-6

Sample Matrix: water

Date Received: 02/05/2004 **Time:** 12:00

Date Sampled: 02/04/2004 **Time:** 14:00

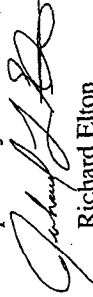
REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	J	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

QUALITY ASSURANCE DATA¹

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-6

Report#/Lab ID#: 152615
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	74-124	---
Toluene-d8	8260b	109	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#:152615 Matrix:water
Client: Environmental Tech Group
Project ID: 9805 LI-2056
Sample Name: MW-6

Attn: Camille Reynolds

Sample Temperature/Condition $\leq 6^{\circ}\text{C}$

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is $\leq 6^{\circ}\text{C}$. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
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J flag Discussion

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group

Attn: Camille Reynolds

Address: 2540 W. Marland

Hobbs

NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152616 **Report Date:** 02/12/04

Project ID: 9805 LI-2056

Sample Name: MW-7

Sample Matrix: water

Date Received: 02/05/2004 **Time:** 12:00

Date Sampled: 02/04/2004 **Time:** 14:26

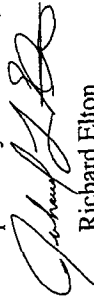
REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/10/04	8260b	J	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

QUALITY ASSURANCE DATA¹

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Respectfully Submitted,



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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-7

Report#/Lab ID#: 152616
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	102	74-124	---
Toluene-d8	8260b	107	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Report #/Lab ID#: 152616 Matrix: water
Client: Environmental Tech Group Attn: Camille Reynolds
Project ID: 9805 LI-2056
Sample Name: MW-7

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratories within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Benzene	J	See J-flag discussion above.

Notes:

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

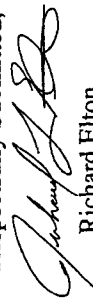
Report#/Lab ID#: 152617 **Report Date:** 02/12/04
Project ID: 9805 LI-2056
Sample Name: MW-8
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/04/2004 **Time:** 14:52

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		02/10/04	8260b(5030/5035)	---	---	---	---	---
Benzene	1.39	µg/L	1	<1	02/10/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/10/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/10/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/10/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/10/04	8260b	---	5.4	105.3	97.7	102.7

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Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.



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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group Attn: Camille Reynolds	Project ID: 9805 LI-2056 Sample Name: MW-8	Report#/Lab ID#: 152617 Sample Matrix: water
--	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.5	74-124	---
Toluene-d8	8260b	109	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 152618 **Report Date:** 02/12/04
Project ID: 9805 LI-2056
Sample Name: MW-9
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/04/2004 **Time:** 15:10

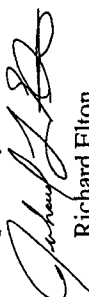
REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/11/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/11/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/11/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/11/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/11/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/11/04	8260b	---	5.4	105.3	97.7	102.7

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Richard Elton

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Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-9

Report#/Lab ID#: 152618
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	110	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

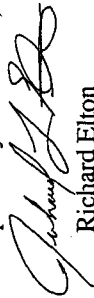
Report#/Lab ID#: 152619 **Report Date:** 02/12/04
Project ID: 9805 LI-2056
Sample Name: MW-10
Sample Matrix: water
Date Received: 02/05/2004 **Time:** 12:00
Date Sampled: 02/04/2004 **Time:** 15:37

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		02/11/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	02/11/04	8260b	---	4.6	101.2	92.8	97.1
Ethylbenzene	<1	µg/L	1	<1	02/11/04	8260b	---	5.9	105.2	101.9	100.1
m,p-Xylenes	<2	µg/L	2	<2	02/11/04	8260b	---	5.4	106.7	103	101.4
o-Xylene	<1	µg/L	1	<1	02/11/04	8260b	---	4.3	105.9	101.4	102.2
Toluene	<1	µg/L	1	<1	02/11/04	8260b	---	5.4	105.3	97.7	102.7

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: 9805 LI-2056
Sample Name: MW-10

Report#/Lab ID#: 152619
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	97.6	74-124	---
Toluene-d8	8260b	109	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

CHAIN-OF-CUSTODY

Special Reports To:

Company Name Environmental Technology Group Inc.
Address 2540 W. Oxford State Ill. Zip 60240
City Alsip

INDEX 397-4421a (805) 397-4701

Project Number(s) 9085-17 906 T7 906 T7 906 T7

Samples/projects intended for TREC-TRAP completion require special handling. QC requirements and pricing. To be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of-Custody under "special instructions".

Test Sample No. Heavy Metal and Effluent	Date Sampled	Time Sampled	No. of Containers Grab	Composite	Lab. Qnly (1) 10.11.11
MW-1	14/04	16:03	1		152610
MW-2		12:05	1		152611
MW-3		12:30			152612
MW-4		13:00			152613
MW-5		13:35			152614
MW-6		14:00			152615
MW-7		14:26			152616
MW-8		15:51			152617
MW-9		15:51			152618
MW-10		15:37			152619

Special instruments (study or special) (K requirements, lists, methods, etc...)

As a result of the above, the following specific recommendations are made:

1. The use of the term "specific" should be avoided in the title of the paper.
2. The use of the term "specific" should be avoided in the abstract.
3. The use of the term "specific" should be avoided in the introduction.
4. The use of the term "specific" should be avoided in the results section.
5. The use of the term "specific" should be avoided in the discussion section.
6. The use of the term "specific" should be avoided in the conclusion section.
7. The use of the term "specific" should be avoided in the references section.
8. The use of the term "specific" should be avoided in the acknowledgments section.
9. The use of the term "specific" should be avoided in the footnotes section.
10. The use of the term "specific" should be avoided in the appendices section.

Sample Returned By			Sample Received By		
Name	Address	Date	Name	Address	Date
Dr. J. E. ...	Dr. MCR	2/4/64	S. E. ...	151	2/5/64
					1:00

Recovery of above described samples to Analy Sys. Inc. for analytical testing constitutes agreement by buyer/sample to Analy Sys. Inc.'s standard terms

www.ama-assn.org
ama-assn.org

Bill T. DeFrees

Company Name _____
 Address _____
 City _____ State _____ Zip _____
 ATTN: _____
 Phone _____ Fax _____

Exhibit

No. of Containers and Preservative (TRRP-13 Mandatory)	Matrix	Water	Water/Water	Water	Other (Specify)
		None	Other (Specify)	Other (Specify)	Other (Specify)
		None	Other (Specify)	Other (Specify)	Other (Specify)
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Special instruments (special or special) (K requirements, lists, methods, etc...)

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Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 155392 **Report Date:** 05/13/04
Project ID: PL-2056 TNM 98-05
Sample Name: MW-1
Sample Matrix: water
Date Received: 05/07/2004 **Time:** 13:00
Date Sampled: 05/04/2004 **Time:** 08:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		05/11/04	8260b(5030/5035)	---	---	---	---	---
Benzene	9.73	µg/L	1	<1	05/11/04	8260b	---	8.9	104.9	96.2	93.9
Ethylbenzene	8.21	µg/L	1	<1	05/11/04	8260b	---	4.7	121.6	116.8	109.9
m,p-Xylenes	14.2	µg/L	2	<2	05/11/04	8260b	---	4.6	122.7	115.8	111.6
o-Xylene	3.91	µg/L	1	<1	05/11/04	8260b	S,M	2.5	131.3	114.4	121.4
Toluene	4.28	µg/L	1	<1	05/11/04	8260b	---	1.3	101.8	99.7	96.9

QUALITY ASSURANCE DATA¹

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Richard Elton

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(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: PL-2056 TNM 98-05
Sample Name: MW-1

Report#/Lab ID#: 155392
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	103	74-124	---
Toluene-d8	8260b	108	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 155392	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: PL-2056 TNM 98-05		
Sample Name: MW-1		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	S.M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 FAX: 505 397-4701

Report#/Lab ID#: 155393 Report Date: 05/13/04
Project ID: PL-2056 TNM 98-05
Sample Name: MW-2
Sample Matrix: water
Date Received: 05/07/2004 Time: 13:00
Date Sampled: 05/04/2004 Time: 09:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		05/11/04	8260b(5030/5035)	---	---	---	---	---
Benzene	1.45	µg/L	1	<1	05/11/04	8260b	---	8.9	104.9	96.2	93.9
Ethylbenzene	<1	µg/L	1	<1	05/11/04	8260b	---	4.7	121.6	116.8	109.9
m,p-Xylenes	<2	µg/L	2	<2	05/11/04	8260b	---	4.6	122.7	115.8	111.6
o-Xylene	<1	µg/L	1	<1	05/11/04	8260b	S,M	2.5	131.3	114.4	121.4
Toluene	<1	µg/L	1	<1	05/11/04	8260b	---	1.3	101.8	99.7	96.9

QUALITY ASSURANCE DATA¹

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program. © Copyright 2003, AnalySys, Inc., Austin, TX. All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means without the express written consent of AnalySys, Inc.

Respectfully Submitted,

Richard Elton

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B = Analyte detected in associated method blank(s). S & SI = MS and/or MSD recovery exceed advisory limits. S2 = Post digestion spike (PDS) recovery exceeds advisory limit. S3 = MS and/or MSD and PDS recoveries exceed advisory limits. P = Precision higher than advisory limit. M = Matrix interference.



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: PL-2056 TNM 98-05
Sample Name: MW-2

Report#/Lab ID#: 155393
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	100	74-124	---
Toluene-d8	8260b	115	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 155393	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: PL-2056 TNM 98-05		
Sample Name: MW-2		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	S,M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.

Notes:



3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds
Address: 2540 W. Marland
Hobbs NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 155394 **Report Date:** 05/13/04
Project ID: PL-2056 TNM 98-05
Sample Name: MW-5
Sample Matrix: water
Date Received: 05/07/2004 **Time:** 13:00
Date Sampled: 05/04/2004 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA¹

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatile organics-8260b/BTEX	---		---		05/12/04	8260b(5030/5035)	---	---	---	---	---
Benzene	3.58	µg/L	1	<1	05/12/04	8260b	---	8.9	104.9	96.2	93.9
Ethylbenzene	<1	µg/L	1	<1	05/12/04	8260b	---	4.7	121.6	116.8	109.9
m,p-Xylenes	<2	µg/L	2	<2	05/12/04	8260b	---	4.6	122.7	115.8	111.6
o-Xylene	<1	µg/L	1	<1	05/12/04	8260b	S,M	2.5	131.3	114.4	121.4
Toluene	<1	µg/L	1	<1	05/12/04	8260b	---	1.3	101.8	99.7	96.9

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Respectfully Submitted,


Richard Elton

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3512 Montopolis Drive, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 385-5886 • FAX (512) 385-7411

Client: Environmental Tech Group
Attn: Camille Reynolds

Project ID: PL-2056 TNM 98-05
Sample Name: MW-5

Report#/Lab ID#: 155394
Sample Matrix: water

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
1,2-Dichloroethane-d4	8260b	104	74-124	---
Toluene-d8	8260b	106	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 155394	Matrix: water	Attn: Camille Reynolds
Client: Environmental Tech Group		
Project ID: PL-2056 TNM 98-05		
Sample Name: MW-5		

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

- ☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
- ☐ Sample received in appropriate container(s). State of sample preservation unknown.
- ☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TCEQ-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
o-Xylene	S,M	MS and/or MSD recoveries outside advisory/acceptance limits. LCS recovery in-limits; indicative of matrix interference as evidenced by M-flag.

Notes:

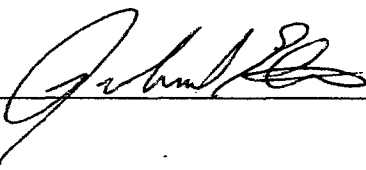
Sample Analysis Case Narrative

Client: Environmental Tech Group Project ID: PL-2056 TNM 98-05

Attn: Camille Reynolds

for Sample #'s: 155392 thru 155394

Analyzed by AnalySys, Inc.

Final Review Date: 5/14/2004 By:  (R. Elton)

Case Narrative:

The recovery of o-Xylene in the Matrix Spike (MS) for the analytical batch that contained sample #'s 155392 thru 155394 was slightly above normal laboratory acceptance criteria. The Matrix Spike Duplicate (MSD) and the Laboratory Control Sample (LCS) run with this batch met recovery acceptance criteria for the analyte indicating that the analytical method was operating correctly and in control. Although the MS recovery is above normal acceptance criteria for this compound, none of the above referenced samples were the spiked sample. When viewed within the context of the passing MSD and LCS data, and the acceptable surrogate recoveries for these samples, this deviation in MS recovery should have a minimal impact on data usability.

Client: Nova
Attn: Todd Choban
Address: 2053 Commerce Midland TX 79703
Phone: 432-520-7720 **FAX:**

Report#/Lab ID#: 159059 **Report Date:** 09/03/04
Project ID: 98-05 PL2056
Sample Name: MW 1
Sample Matrix: water
Date Received: 08/27/2004 **Time:** 14:00
Date Sampled: 08/23/2004 **Time:** 10:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		09/01/04	8260b(5030/5035)	---	---	---	---	---
Benzene	4.69	µg/L	1	<1	09/01/04	8260b	---	0.1	100.1	105.3	97.7
Ethylbenzene	5.72	µg/L	1	<1	09/01/04	8260b	---	1.2	109.8	113	110.9
m,p-Xylenes	6.89	µg/L	2	<2	09/01/04	8260b	---	0	110.6	112.5	112.5
o-Xylene	2.19	µg/L	1	<1	09/01/04	8260b	---	0.6	104.2	106.8	106.2
Toluene	<1	µg/L	1	<1	09/01/04	8260b	J	0.4	109.5	117.4	109.3

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Respectfully Submitted,

Dale Wagner

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Report #/Lab ID#: 159059 Matrix: water

Client: Nova

Attn: Todd Choban

Project ID: 98-05 PL2056

Sample Name: MW 1

Sample Temperature/Condition: <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

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Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Toluene	J	See J-flag discussion above.

Notes:



200 N. ...
(512) 385-5886 FAX (512) 385-7411

Client: Nova
Attn: Todd Choban
Address: 2053 Commerce Midland TX 79703
Phone: 432-520-7720 **FAX:**

Report#/Lab ID#: 159060 **Report Date:** 09/03/04
Project ID: 98-05 PL2056
Sample Name: MW 2
Sample Matrix: water
Date Received: 08/27/2004 **Time:** 14:00
Date Sampled: 08/23/2004 **Time:** 11:00

REPORT OF ANALYSIS

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		09/01/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/01/04	8260b	---	0.1	100.1	105.3	97.7
Ethylbenzene	<1	µg/L	1	<1	09/01/04	8260b	---	1.2	109.8	113	110.9
m,p-Xylenes	<2	µg/L	2	<2	09/01/04	8260b	---	0	110.6	112.5	112.5
o-Xylene	<1	µg/L	1	<1	09/01/04	8260b	---	0.6	104.2	106.8	106.2
Toluene	<1	µg/L	1	<1	09/01/04	8260b	---	0.4	109.5	117.4	109.3

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Dale Wagner

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Environmental Protection Systems, Inc.
(512) 385-5886 • FAX (512) 385-7411

Client: Nova Attn: Todd Choban	Project ID: 98-05 PL2056 Sample Name: MW 2	Report#/Lab ID#: 159060 Sample Matrix: water
-----------------------------------	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.4	74-124	---
Toluene-d8	8260b	112	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Client: Nova
Attn: Todd Choban
Address: 2053 Commerce
Midland TX 79703
Phone: 432-520-7720 **FAX:**

Report#/Lab ID#: 159061 **Report Date:** 09/03/04
Project ID: 98-05 PL2056
Sample Name: MW 5
Sample Matrix: water
Date Received: 08/27/2004 **Time:** 14:00
Date Sampled: 08/23/2004 **Time:** 10:00

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA 1

Parameter	Result	Units	RQL ⁵	Blank	Date	Method ⁶	Data Qual. ⁷	Prec. ²	Recov. ³	CCV ⁴	LCS ⁴
Volatiles organics-8260b/BTEX	---		---		09/01/04	8260b(5030/5035)	---	---	---	---	---
Benzene	<1	µg/L	1	<1	09/01/04	8260b	---	0.1	100.1	105.3	97.7
Ethylbenzene	<1	µg/L	1	<1	09/01/04	8260b	---	1.2	109.8	113	110.9
m,p-Xylenes	<2	µg/L	2	<2	09/01/04	8260b	---	0	110.6	112.5	112.5
o-Xylene	<1	µg/L	1	<1	09/01/04	8260b	---	0.6	104.2	106.8	106.2
Toluene	<1	µg/L	1	<1	09/01/04	8260b	---	0.4	109.5	117.4	109.3

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Respectfully Submitted,

Dale Wagner

Dale Wagner

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Environmental Sciences, Inc.
(512) 385-5886 • FAX (512) 385-7411

Client: Nova Attn: Todd Choban	Project ID: 98-05 PL2056 Sample Name: MW 5	Report#/Lab ID#: 159061 Sample Matrix: water
-----------------------------------	---	---

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limits	Data Qualifiers
1,2-Dichloroethane-d4	8260b	85.4	74-124	---
Toluene-d8	8260b	112	89-115	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

3512 Montopolis Drive, Austin, TX
78744 Ph: (512) 385-5886 Fax: (512) 385-7411

2209 N. Padre Island Dr., Ste K, Corpus
Christi, TX 78408 Ph: (361) 289-6384
Fax: (361) 289-0875

Send Reports To:

Company Name Nova
Address 2053 Commerce
City Midland State Tx Zip 79703
ATTN: Tad Chapman
Phone 432 520 7720 Fax

Project Name/PO#:	98-05	Sampler
		Coastal

122956
Samples/projects intended for TCEQ-TRRP completion require special handling, QC requirements and pricing. To be successfully completed such projects should be identified and discussed prior to receipt and **MUST BE IDENTIFIED** on this Chain-of-Custody under "special instructions".

[illegible]

Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

Summary Report

Todd Choban
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: January 18, 2005

Work Order: 4120715

Project Location: 9805B
Project Name: 9805B

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
49839	MW-1	water	2004-11-30	11:29	2004-12-07
49840	MW-2	water	2004-11-30	14:45	2004-12-07
49841	MW-3	water	2004-11-30	13:06	2004-12-07
49842	MW-4	water	2004-11-30	08:22	2004-12-07
49843	MW-5	water	2004-11-30	12:10	2004-12-07
49844	MW-6	water	2004-11-30	10:42	2004-12-07
49845	MW-7	water	2004-11-30	13:54	2004-12-07
49846	MW-8	water	2004-11-30	16:04	2004-12-07
49847	MW-9	water	2004-11-30	09:15	2004-12-07
49848	MW-10	water	2004-11-30	10:01	2004-12-07

Sample - Field Code	BTEX			
	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Xylene (mg/L)
49839 - MW-1	0.252	<0.00100	0.121	0.0258
49840 - MW-2	<0.00500	<0.00500	<0.00500	<0.00500
49841 - MW-3	<0.00100	<0.00100	<0.00100	<0.00100
49842 - MW-4	<0.00500	<0.00500	<0.00500	<0.00500
49843 - MW-5	0.0121	<0.00100	<0.00100	0.00290
49844 - MW-6	<0.00100	<0.00100	<0.00100	<0.00100
49845 - MW-7	<0.00100	<0.00100	<0.00100	<0.00100
49846 - MW-8	<0.00100	<0.00100	<0.00100	<0.00100
49847 - MW-9	<0.00100	<0.00100	<0.00100	<0.00100
49848 - MW-10	<0.00500	<0.00500	<0.00500	<0.00500

Analytical and Quality Control Report

Todd Choban
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: January 18, 2005

Work Order: 4120715

Project Location: 9805B
Project Name: 9805B
Project Number: 9805B

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
49839	MW-1	water	2004-11-30	11:29	2004-12-07
49840	MW-2	water	2004-11-30	14:45	2004-12-07
49841	MW-3	water	2004-11-30	13:06	2004-12-07
49842	MW-4	water	2004-11-30	08:22	2004-12-07
49843	MW-5	water	2004-11-30	12:10	2004-12-07
49844	MW-6	water	2004-11-30	10:42	2004-12-07
49845	MW-7	water	2004-11-30	13:54	2004-12-07
49846	MW-8	water	2004-11-30	16:04	2004-12-07
49847	MW-9	water	2004-11-30	09:15	2004-12-07
49848	MW-10	water	2004-11-30	10:01	2004-12-07

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

This report consists of a total of 8 pages and shall not be reproduced except in its entirety, without written approval of TraceAnalysis, Inc.



Dr. Blair Leftwich, Director

Analytical Report

Sample: 49839 - MW-1

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 14562	Date Analyzed: 2004-12-10	Analyzed By: MS
Prep Batch: 12862	Date Prepared: 2004-12-10	Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.252	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		0.121	mg/L	1	0.00100
Xylene		0.0258	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0928	mg/L	1	0.100	93	74.7 - 112
4-Bromofluorobenzene (4-BFB)		0.0718	mg/L	1	0.100	72	69.4 - 111

Sample: 49840 - MW-2

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 14621	Date Analyzed: 2004-12-13	Analyzed By: MS
Prep Batch: 12916	Date Prepared: 2004-12-13	Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	1	<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.538	mg/L	5	0.100	108	73.8 - 121
4-Bromofluorobenzene (4-BFB)	2	0.372	mg/L	5	0.100	74	52.4 - 119

Sample: 49841 - MW-3

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 14562	Date Analyzed: 2004-12-10	Analyzed By: MS
Prep Batch: 12862	Date Prepared: 2004-12-10	Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

¹RR due to unsatisfactory surrogate recovery.

²Low BFB surrogate recovery due to matrix interference. TFT surrogate recovery shows the method to be in control.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	³	0.0432	mg/L	1	0.100	43	74.7 - 112
4-Bromofluorobenzene (4-BFB)	⁴	0.0319	mg/L	1	0.100	32	69.4 - 111

Sample: 49842 - MW-4

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 14562 Date Analyzed: 2004-12-10 Analyzed By: MS
Prep Batch: 12862 Date Prepared: 2004-12-10 Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	⁵	0.789	mg/L	5	0.200	79	74.7 - 112
4-Bromofluorobenzene (4-BFB)	⁶	0.692	mg/L	5	0.200	69	69.4 - 111

Sample: 49843 - MW-5

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 14562 Date Analyzed: 2004-12-10 Analyzed By: MS
Prep Batch: 12862 Date Prepared: 2004-12-10 Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		0.0121	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		0.00290	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	⁷	0.0516	mg/L	1	0.100	52	74.7 - 112
4-Bromofluorobenzene (4-BFB)	⁸	0.0394	mg/L	1	0.100	39	69.4 - 111

Sample: 49844 - MW-6

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 14562 Date Analyzed: 2004-12-10 Analyzed By: MS
Prep Batch: 12862 Date Prepared: 2004-12-10 Prepared By: MS

³Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

⁴Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

⁵Changed spike amount from 0.1 to 0.2 due to prep. Sample was spiked with a double amount of surrogate.

⁶Changed spike amount from 0.1 to 0.2 due to prep. Sample was spiked with a double amount of surrogate. Surrogate recovery within acceptable limits.

⁷Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

⁸Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0786	mg/L	1	0.100	79	74.7 - 112
4-Bromofluorobenzene (4-BFB)	9	0.0658	mg/L	1	0.100	66	69.4 - 111

Sample: 49845 - MW-7

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 14562 Date Analyzed: 2004-12-10 Analyzed By: MS
Prep Batch: 12862 Date Prepared: 2004-12-10 Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	¹⁰	0.0469	mg/L	1	0.100	47	74.7 - 112
4-Bromofluorobenzene (4-BFB)	¹¹	0.0331	mg/L	1	0.100	33	69.4 - 111

Sample: 49846 - MW-8

Analysis: BTEX Analytical Method: S 8021B Prep Method: S 5030B
QC Batch: 14562 Date Analyzed: 2004-12-10 Analyzed By: MS
Prep Batch: 12862 Date Prepared: 2004-12-10 Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	¹²	0.0522	mg/L	1	0.100	52	74.7 - 112
4-Bromofluorobenzene (4-BFB)	¹³	0.0381	mg/L	1	0.100	38	69.4 - 111

⁹Low BFB surrogate recovery due to matrix interference. TFT surrogate recovery shows the method to be in control.

¹⁰Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

¹¹Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

¹²Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

¹³Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

Sample: 49847 - MW-9

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 14562	Date Analyzed: 2004-12-10	Analyzed By: MS
Prep Batch: 12862	Date Prepared: 2004-12-10	Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00100	mg/L	1	0.00100
Toluene		<0.00100	mg/L	1	0.00100
Ethylbenzene		<0.00100	mg/L	1	0.00100
Xylene		<0.00100	mg/L	1	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	¹⁴	0.0429	mg/L	1	0.100	43	74.7 - 112
4-Bromofluorobenzene (4-BFB)	¹⁵	0.0298	mg/L	1	0.100	30	69.4 - 111

Sample: 49848 - MW-10

Analysis: BTEX	Analytical Method: S 8021B	Prep Method: S 5030B
QC Batch: 14562	Date Analyzed: 2004-12-10	Analyzed By: MS
Prep Batch: 12862	Date Prepared: 2004-12-10	Prepared By: MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.00500	mg/L	5	0.00100
Toluene		<0.00500	mg/L	5	0.00100
Ethylbenzene		<0.00500	mg/L	5	0.00100
Xylene		<0.00500	mg/L	5	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.457	mg/L	5	0.100	91	74.7 - 112
4-Bromofluorobenzene (4-BFB)		0.358	mg/L	5	0.100	72	69.4 - 111

Method Blank (1) QC Batch: 14562

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0964	mg/L	1	0.100	96	75.1 - 112
4-Bromofluorobenzene (4-BFB)		0.0806	mg/L	1	0.100	81	49.1 - 106

¹⁴Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

¹⁵Low surrogate recovery due to matrix interference. ICV/CCV show the method to be in control.

Method Blank (1) QC Batch: 14621

Parameter	Flag	Result	Units	RL
Benzene		<0.00100	mg/L	0.001
Toluene		<0.00100	mg/L	0.001
Ethylbenzene		<0.00100	mg/L	0.001
Xylene		<0.00100	mg/L	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.106	mg/L	1	0.100	106	73.8 - 121
4-Bromofluorobenzene (4-BFB)		0.0709	mg/L	1	0.100	71	52.4 - 113

Laboratory Control Spike (LCS-1) QC Batch: 14562

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0951	0.0960	mg/L	1	0.100	<0.000255	95	1	83.2 - 110	8.5
Toluene	0.0926	0.0933	mg/L	1	0.100	<0.000153	93	1	84.5 - 110	6
Ethylbenzene	0.0952	0.0958	mg/L	1	0.100	<0.000226	95	1	82.8 - 111	6
Xylene	0.268	0.270	mg/L	1	0.300	<0.000531	89	1	82.3 - 113	6.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.0971	0.0974	mg/L	1	0.100	97	97	74.7 - 112
4-Bromofluorobenzene (4-BFB)	0.0965	0.0978	mg/L	1	0.100	96	98	69.4 - 111

Laboratory Control Spike (LCS-1) QC Batch: 14621

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.0860	0.0872	mg/L	1	0.100	<0.000136	86	1	72.8 - 113	20
Toluene	0.0880	0.0905	mg/L	1	0.100	<0.000247	88	3	75.2 - 112	20
Ethylbenzene	0.0914	0.0933	mg/L	1	0.100	<0.000550	91	2	81 - 112	20
Xylene	0.299	0.304	mg/L	1	0.300	<0.00156	100	2	82.9 - 119	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.102	0.102	mg/L	1	0.100	102	102	72.9 - 121
4-Bromofluorobenzene (4-BFB)	0.110	0.110	mg/L	1	0.100	110	110	77.8 - 119

Standard (ICV-1) QC Batch: 14562

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0965	96	85 - 115	2004-12-10

continued ...

standard continued...

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Toluene		mg/L	0.100	0.0939	94	85 - 115	2004-12-10
Ethylbenzene		mg/L	0.100	0.0962	96	85 - 115	2004-12-10
Xylene		mg/L	0.300	0.272	91	85 - 115	2004-12-10

Standard (CCV-1) QC Batch: 14562

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0952	95	85 - 115	2004-12-10
Toluene		mg/L	0.100	0.0926	93	85 - 115	2004-12-10
Ethylbenzene		mg/L	0.100	0.0948	95	85 - 115	2004-12-10
Xylene		mg/L	0.300	0.266	89	85 - 115	2004-12-10

Standard (CCV-2) QC Batch: 14562

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0970	97	85 - 115	2004-12-10
Toluene		mg/L	0.100	0.0940	94	85 - 115	2004-12-10
Ethylbenzene		mg/L	0.100	0.0963	96	85 - 115	2004-12-10
Xylene		mg/L	0.300	0.271	90	85 - 115	2004-12-10

Standard (CCV-1) QC Batch: 14621

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.0980	98	85 - 115	2004-12-13
Toluene		mg/L	0.100	0.101	101	85 - 115	2004-12-13
Ethylbenzene		mg/L	0.100	0.103	103	85 - 115	2004-12-13
Xylene		mg/L	0.300	0.336	112	85 - 115	2004-12-13

Standard (CCV-2) QC Batch: 14621

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/L	0.100	0.112	112	85 - 115	2004-12-13
Toluene		mg/L	0.100	0.108	108	85 - 115	2004-12-13
Ethylbenzene		mg/L	0.100	0.111	111	85 - 115	2004-12-13
Xylene	¹⁶	mg/L	0.300	0.361	120	85 - 115	2004-12-13

¹⁶Xylene outside normal limits in CCV-2 due to prep. Other analyte recoveries and LCS/LCSD show analysis to be in control.

ORIGINAL COPY

Appendix C:
Release Notification and Corrective Action
(Form C-141)

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised October 10, 2003

Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company Plains Marketing, LP	Contact Camille Reynolds
Address 5805 East Hwy. 80, Midland, TX 79706	Telephone No. 505-441-0965
Facility Name TNM 98-05B	Facility Type 6" Steel Pipeline

Surface Owner Delrose Scott	Mineral Owner	Lease No.
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LOCATION OF RELEASE

Unit Letter C	Section 26	Township 21S	Range 37E	Feet from the	North/South Line	Feet from the	East/West Line	County Lea
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Latitude 32° 27' 03.8" Longitude 103°08' 30.3"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 49 barrels	Volume Recovered 3 barrels
Source of Release 6" Steel Pipeline	Date and Hour of Occurrence 02-05-1998	Date and Hour of Discovery 02-05-1998
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Linda Williams	
By Whom? Johnny Chapman	Date and Hour 02-05-1998 @15:00	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* External corrosion of 6 inch pipeline.

Describe Area Affected and Cleanup Action Taken.* Aerial extent of surface impact was approximately 100 x 30 feet.

NOTE: This information was obtained from historical EOTT/Link files, Plains acquired EOTT/Link on April 1, 2004 and Plains assumes this information to be correct. The release occurred during the time the pipeline was owned and operated by Texas-New Mexico Pipeline Company.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 02/03/2005 Phone: 505-441-0965		

Attach Additional Sheets If Necessary