APPENDIX J.1

November 2005 Active Soil Gas Data

Aerotech Environmental **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Project: SRP's 16th St. Facility/10108 Task 3
Lab Order: 05111241

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, EPA/600/R-95/131, August 1995.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1998. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Aerotech Environmental Laboratories (AEL) holds Arizona certification no. AZ0610 and AEL-Tucson holds Arizona certification no. AZ0609.

Aerotech Environmental Laboratories (Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix.

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Aerotech Environmental **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Project: SRP's 16th St. Facility/10108 Task 3
Lab Order: 05111241

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
05111241-01A	ASG-13-12	01302	11/16/2005 2:40:00 PM	11/17/2005
05111241-02A	ASG-11-13	01277	11/16/2005 3:54:00 PM	11/17/2005
05111241-03A	ASG-14-10	01325	11/16/2005 4:25:00 PM	11/17/2005
05111241-04A	ASG-8-10.5	01246	11/17/2005 8:35:00 AM	11/17/2005
05111241-05A	ASG-7-12	00671	11/17/2005 9:18:00 AM	11/17/2005
05111241-06A	Eblank-02-111705	00667	11/17/2005 10:20:00 AM	11/17/2005
05111241-07A	ASG-9-11	00312	11/17/2005 10:45:00 AM	11/17/2005
05111241-08A	ASG-12-15	00622	11/17/2005 11:22:00 AM	11/17/2005
05111241-09A	DUP-03-111705	00614	11/17/2005 11:29:00 AM	11/17/2005
05111241-10A	ASG-16-14	00272	11/17/2005 12:33:00 PM	11/17/2005
05111241-11A	Fblank-02-111705	00669	11/17/2005 12:33:00 PM	11/17/2005

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-13-12
Lab Order:	05111241	**Tag Number:**	01302
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 2:40:00 PM
Lab ID:	05111241-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	3.1	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/23/2005
Heptane	5.0	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	6.2	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/23/2005
Propene (Propylene)	350 J	10	D2	ppbv	20	11/23/2005
Styrene	< 2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	4.6	2.5		ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	14	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/23/2005 OK
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
(2) AEL - Knudsen Laboratory
(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-11-13
Lab Order:	05111241	**Tag Number:**	01277
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 3:54:00 PM
Lab ID:	05111241-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5	D1	ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5	D1	ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	D1	ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5	D1	ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5	D1	ppbv	5	11/23/2005
Heptane	2.9	2.5	D1	ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0	D1	ppbv	5	11/23/2005
Hexane	2.8	2.5	D1	ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0	D1	ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0	D1	ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5	D1	ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5	D1	ppbv	5	11/23/2005
Propene (Propylene)	24 J	2.5	D1	ppbv	5	11/23/2005
Styrene	< 2.5	2.5	D1	ppbv	5	11/23/2005
Tetrachloroethene	23	2.5	D1	ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10	D1	ppbv	5	11/23/2005
Toluene	< 3.1 U	2.5	D1	ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5	D1	ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5	D1	ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5	D1	ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5	D1	ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	D1	ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5	D1	ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5	D1	ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	5	11/23/2005 OK
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-14-10
Lab Order:	05111241	**Tag Number:**	01325
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 4:25:00 PM
Lab ID:	05111241-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/23/2005
Heptane	< 2.5	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	4.2	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/23/2005
Propene (Propylene)	59 J	2.5	D2	ppbv	5	11/23/2005
Styrene	< 2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	16	2.5		ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	< 5.0 U	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	5	11/23/2005 ok
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-8-10.5
Lab Order:	05111241	**Tag Number:**	01246
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/17/2005 8:35:00 AM
Lab ID:	05111241-04A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	6.1	2.5		ppbv	5	11/23/2005
Heptane	21	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	20	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 12 U	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	4.6	2.5		ppbv	5	11/23/2005
Propene (Propylene)	310 J	10	D2	ppbv	20	11/23/2005
Styrene	2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	72	2.5	D2	ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	20	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/23/2005 OK
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-7-12
Lab Order:	05111241	**Tag Number:**	00671
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/17/2005 9:18:00 AM
Lab ID:	05111241-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/23/2005
Heptane	< 2.5	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	5.7	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/23/2005
Propene (Propylene)	130 J	2.5	D2	ppbv	5	11/23/2005
Styrene	< 2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	120	2.5	D2	ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	< 6.3 U	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	5	11/23/2005 OK
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	Eblank-02-111705
Lab Order:	05111241	**Tag Number:**	00667
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/17/2005 10:20:00 AM
Lab ID:	05111241-06A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 0.50	0.50		ppbv	1	11/23/2005
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	11/23/2005
Ethyl Acetate	< 0.50	0.50		ppbv	1	11/23/2005
Ethylbenzene	< 0.50	0.50		ppbv	1	11/23/2005
Heptane	< 0.50	0.50		ppbv	1	11/23/2005
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	11/23/2005
Hexane	< 0.50	0.50		ppbv	1	11/23/2005
m&p-Xylene	< 1.0	1.0		ppbv	1	11/23/2005
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	11/23/2005
Methylene chloride	< 0.50	0.50		ppbv	1	11/23/2005
o-Xylene	< 0.50	0.50		ppbv	1	11/23/2005
Propene (Propylene)	0.53	0.50		ppbv	1	11/23/2005
Styrene	< 0.50	0.50		ppbv	1	11/23/2005
Tetrachloroethene	< 0.50	0.50		ppbv	1	11/23/2005
Tetrahydrofuran	< 2.0	2.0		ppbv	1	11/23/2005
Toluene	< 0.50	0.50		ppbv	1	11/23/2005
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	11/23/2005
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	11/23/2005
Trichloroethene	< 0.50	0.50		ppbv	1	11/23/2005
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	11/23/2005
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	11/23/2005
Vinyl acetate	< 0.50	0.50		ppbv	1	11/23/2005
Vinyl chloride	< 0.50	0.50		ppbv	1	11/23/2005
Surr: 4-Bromofluorobenzene	98.6	70-130		%REC	1	11/23/2005
TIC: Difluoroethane	< 5.0	5.0	T4	ppbv	1	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental — Analytical Report

Date: *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111241-07A

Client Sample ID: ASG-9-11
Tag Number: 00312
Collection Date: 11/17/2005 10:45:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 10	10		ppbv	20	11/23/2005
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	11/23/2005
Ethyl Acetate	< 10	10		ppbv	20	11/23/2005
Ethylbenzene	< 10	10		ppbv	20	11/23/2005
Heptane	< 10	10		ppbv	20	11/23/2005
Hexachlorobutadiene	< 20	20		ppbv	20	11/23/2005
Hexane	10	10		ppbv	20	11/23/2005
m&p-Xylene	< 20	20		ppbv	20	11/23/2005
Methyl tert-butyl ether	< 20	20		ppbv	20	11/23/2005
Methylene chloride	< 10	10		ppbv	20	11/23/2005
o-Xylene	< 10	10		ppbv	20	11/23/2005
Propene (Propylene)	300 J	10		ppbv	20	11/23/2005
Styrene	< 10	10		ppbv	20	11/23/2005
Tetrachloroethene	620	10	D2	ppbv	20	11/23/2005
Tetrahydrofuran	< 40	40		ppbv	20	11/23/2005
Toluene	< 10	10		ppbv	20	11/23/2005
trans-1,2-Dichloroethene	< 10	10		ppbv	20	11/23/2005
trans-1,3-Dichloropropene	< 10	10		ppbv	20	11/23/2005
Trichloroethene	13	10		ppbv	20	11/23/2005
Trichlorofluoromethane(F-11)	< 10	10		ppbv	20	11/23/2005
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	11/23/2005
Vinyl acetate	< 10	10		ppbv	20	11/23/2005
Vinyl chloride	< 10	10		ppbv	20	11/23/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	20	11/23/2005 ok
TIC: Difluoroethane	< 100	100	T4	ppbv	20	11/23/2005 ✓

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
(2) AEL - Knudsen Laboratory
(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6192 www.aeroenvirolabs.cor
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-12-15
Lab Order:	05111241	**Tag Number:**	00622
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/17/2005 11:22:00 AM
Lab ID:	05111241-08A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	3.5	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/23/2005
Heptane	< 2.5	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	< 2.6 U	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/23/2005
Propene (Propylene)	39 J	2.5		ppbv	5	11/23/2005
Styrene	< 2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	14	2.5		ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	5	11/23/2005 ok
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111241-09A

Client Sample ID: DUP-03-111705
Tag Number: 00614
Collection Date: 11/17/2005 11:29:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/23/2005
Heptane	< 2.5	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	< 2.5	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/23/2005
Propene (Propylene)	23 J	2.5		ppbv	5	11/23/2005
Styrene	< 2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	11	2.5		ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/23/2005 ok
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005 ✓

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-16-14
Lab Order:	05111241	**Tag Number:**	00272
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/17/2005 12:33:00 PM
Lab ID:	05111241-10A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/23/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/23/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/23/2005
Heptane	3.8	2.5		ppbv	5	11/23/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/23/2005
Hexane	< 2.6 U	2.5		ppbv	5	11/23/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/23/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/23/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/23/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/23/2005
Propene (Propylene)	43 J	2.5		ppbv	5	11/23/2005
Styrene	< 2.5	2.5		ppbv	5	11/23/2005
Tetrachloroethene	3.6	2.5		ppbv	5	11/23/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/23/2005
Toluene	< 2.5 U	2.5		ppbv	5	11/23/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/23/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/23/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/23/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/23/2005
Surr: 4-Bromofluorobenzene	99.7	70-130		%REC	5	11/23/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/23/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	Fblank-02-111705
Lab Order:	05111241	**Tag Number:**	00669
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/17/2005 12:33:00 PM
Lab ID:	05111241-11A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 0.50	0.50		ppbv	1	11/23/2005
Dichlorodifluoromethane(F-12)	0.56	0.50		ppbv	1	11/23/2005
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	11/23/2005
Ethyl Acetate	< 0.50	0.50		ppbv	1	11/23/2005
Ethylbenzene	0.51	0.50		ppbv	1	11/23/2005
Heptane	< 0.50	0.50		ppbv	1	11/23/2005
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	11/23/2005
Hexane	0.60	0.50		ppbv	1	11/23/2005
m&p-Xylene	2.9	1.0		ppbv	1	11/23/2005
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	11/23/2005
Methylene chloride	< 0.50	0.50		ppbv	1	11/23/2005
o-Xylene	0.56	0.50		ppbv	1	11/23/2005
Propene (Propylene)	1.5	0.50		ppbv	1	11/23/2005
Styrene	< 0.50	0.50		ppbv	1	11/23/2005
Tetrachloroethene	< 0.50	0.50		ppbv	1	11/23/2005
Tetrahydrofuran	< 2.0	2.0		ppbv	1	11/23/2005
Toluene	2.9	0.50		ppbv	1	11/23/2005
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	11/23/2005
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	11/23/2005
Trichloroethene	< 0.50	0.50		ppbv	1	11/23/2005
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	11/23/2005
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	11/23/2005
Vinyl acetate	< 0.50	0.50		ppbv	1	11/23/2005
Vinyl chloride	< 0.50	0.50		ppbv	1	11/23/2005
Surr: 4-Bromofluorobenzene	104	70-130		%REC	1	11/23/2005 OK
TIC: Difluoroethane	< 5.0	5.0	T4	ppbv	1	11/23/2005 ✓

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Date: *30-Nov-05*

Aerotech Environmental

CLIENT: Geomatrix Consultants
Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R67138 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800746

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
1,4-Dioxane	< 5.0	5.0									
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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CLIENT: Geomatrix Consultants
Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: MB-R67138 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800746

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.900	0.50	10	0	99.0	70	130				

Sample ID: MB-R67136 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801174

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
1,4-Dioxane	< 5.0	5.0									
2,2,4-Trimethylpentane	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67136 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801174

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexane	< 0.50	0.50									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 2.0	2.0									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.560	0.50	10	0	95.6	70	130				

Sample ID: LCS-R67138 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800747

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.600	0.50	10	0	86.0	65	135				
1,1,2,2-Tetrachloroethane	9.410	0.50	10	0	94.1	65	135				
1,1,2-Trichloroethane	8.830	0.50	10	0	88.3	65	135				
1,1-Dichloroethane	9.090	0.50	10	0	90.9	65	135				
1,1-Dichloroethene	9.580	0.50	10	0	95.8	65	135				
1,2,4-Trichlorobenzene	8.910	1.0	10	0	89.1	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aerobenvirolabs.com
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CLIENT: Geomatrix Consultants
Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCS-R67138 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800747

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	8.410	0.50	10	0	84.1	65	135				
cis-1,2-Dichloroethene	9.550	0.50	10	0	95.5	65	135				
cis-1,3-Dichloropropene	9.290	0.50	10	0	92.9	65	135				
Cyclohexane	10.15	0.50	10	0	102	65	135				
Dibromochloromethane	8.150	0.50	10	0	81.5	65	135				
Dichlorodifluoromethane(F-12)	8.250	0.50	10	0	82.5	65	135				
Dichlorotetrafluoroethane(F-114)	8.480	0.50	10	0	84.8	65	135				
Ethyl Acetate	9.940	0.50	10	0	99.4	65	135				
Ethylbenzene	9.440	0.50	10	0	94.4	65	135				
Heptane	8.480	0.50	10	0	84.8	65	135				
Hexachlorobutadiene	9.230	1.0	10	0	92.3	65	135				
Hexane	9.640	0.50	10	0	96.4	65	135				
m&p-Xylene	18.57	1.0	20	0	92.8	65	135				
Methyl tert-butyl ether	10.00	1.0	10	0	100	65	135				
Methylene chloride	8.540	0.50	10	0	85.4	65	135				
o-Xylene	9.090	0.50	10	0	90.9	65	135				
Propene (Propylene)	9.480	0.50	10	0	94.8	65	135				
Styrene	9.840	0.50	10	0	98.4	65	135				
Tetrachloroethene	8.770	0.50	10	0	87.7	65	135				
Tetrahydrofuran	10.75	2.0	10	0	108	65	135				
Toluene	9.620	0.50	10	0	96.2	65	135				
trans-1,2-Dichloroethene	9.380	0.50	10	0	93.8	65	135				
trans-1,3-Dichloropropene	8.600	0.50	10	0	86.0	65	135				
Trichloroethene	8.930	0.50	10	0	89.3	65	135				
Trichlorofluoromethane(F-11)	7.420	0.50	10	0	74.2	65	135				
Trichlorotrifluoroethane(F-113)	8.680	0.50	10	0	86.8	65	135				
Vinyl acetate	9.970	0.50	10	0	99.7	65	135				
Vinyl chloride	8.890	0.50	10	0	88.9	65	135				
Surr: 4-Bromofluorobenzene	10.15	0.50	10	0	102	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCS-R67136 SampType: LCS TestCode: TO15 Units: ppbv Prep Date: RunNo: 67136
Client ID: Batch ID: R67136 TestNo: TO15 Analysis Date: 11/22/2005 SeqNo: 801175

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	8.900	0.50	10	0	89.0	65	135				
Carbon disulfide	9.740	0.50	10	0	97.4	65	135				
Carbon tetrachloride	7.730	0.50	10	0	77.3	65	135				
Chlorobenzene	8.580	0.50	10	0	85.8	65	135				
Chloroethane	9.310	0.50	10	0	93.1	65	135				
Chloroform	9.040	0.50	10	0	90.4	65	135				
Chloromethane	8.840	0.50	10	0	88.4	65	135				
cis-1,2-Dichloroethene	9.640	0.50	10	0	96.4	65	135				
cis-1,3-Dichloropropene	9.700	0.50	10	0	97.0	65	135				
Cyclohexane	10.46	0.50	10	0	105	65	135				
Dibromochloromethane	7.950	0.50	10	0	79.5	65	135				
Dichlorodifluoromethane(F-12)	8.330	0.50	10	0	83.3	65	135				
Dichlorotetrafluoroethane(F-114)	8.760	0.50	10	0	87.6	65	135				
Ethyl Acetate	9.860	0.50	10	0	98.6	65	135				
Ethylbenzene	9.580	0.50	10	0	95.8	65	135				
Heptane	8.240	0.50	10	0	82.4	65	135				
Hexachlorobutadiene	8.720	1.0	10	0	87.2	65	135				
Hexane	10.12	0.50	10	0	101	65	135				
m&p-Xylene	18.50	1.0	20	0	92.5	65	135				
Methyl tert-butyl ether	10.11	1.0	10	0	101	65	135				
Methylene chloride	8.480	0.50	10	0	84.8	65	135				
o-Xylene	8.910	0.50	10	0	89.1	65	135				
Propene (Propylene)	10.07	0.50	10	0	101	65	135				
Styrene	9.740	0.50	10	0	97.4	65	135				
Tetrachloroethene	8.550	0.50	10	0	85.5	65	135				
Tetrahydrofuran	10.78	2.0	10	0	108	65	135				
Toluene	9.700	0.50	10	0	97.0	65	135				
trans-1,2-Dichloroethene	9.370	0.50	10	0	93.7	65	135				
trans-1,3-Dichloropropene	8.820	0.50	10	0	88.2	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R67138 SampType: LCSD TestCode: TO15 Units: ppbv Prep Date: RunNo: 67138
Client ID: Batch ID: R67138 TestNo: TO15 Analysis Date: 11/23/2005 SeqNo: 800748

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	7.550	1.0	10	0	75.5	65	135	8.410	10.8	25	
2-Propanol	8.930	1.0	10	0	89.3	65	135	9.070	1.56	25	
4-Ethyltoluene	9.620	0.50	10	0	96.2	65	135	9.550	0.730	25	
4-Methyl-2-pentanone	7.660	1.0	10	0	76.6	65	135	8.580	11.3	25	
Acetone	8.300	5.0	10	0	83.0	65	135	8.630	3.90	25	
Allyl chloride	10.36	0.50	10	0	104	65	135	9.970	3.84	25	
Benzene	10.35	0.50	10	0	104	65	135	10.11	2.35	25	
Benzyl chloride	7.410	2.0	10	0	74.1	65	135	7.230	2.46	25	
Bromodichloromethane	8.360	0.50	10	0	83.6	65	135	8.150	2.54	25	
Bromoethene(Vinyl Bromide)	8.240	0.50	10	0	82.4	65	135	8.360	1.45	25	
Bromoform	8.090	0.50	10	0	80.9	65	135	7.890	2.50	25	
Bromomethane	8.270	0.50	10	0	82.7	65	135	8.490	2.63	25	
Carbon disulfide	9.580	0.50	10	0	95.8	65	135	9.360	2.32	25	
Carbon tetrachloride	8.210	0.50	10	0	82.1	65	135	8.040	2.09	25	
Chlorobenzene	8.730	0.50	10	0	87.3	65	135	8.700	0.344	25	
Chloroethane	8.650	0.50	10	0	86.5	65	135	8.560	1.05	25	
Chloroform	9.230	0.50	10	0	92.3	65	135	8.980	2.75	25	
Chloromethane	8.450	0.50	10	0	84.5	65	135	8.410	0.474	25	
cis-1,2-Dichloroethene	9.760	0.50	10	0	97.6	65	135	9.550	2.18	25	
cis-1,3-Dichloropropene	9.380	0.50	10	0	93.8	65	135	9.290	0.964	25	
Cyclohexane	10.36	0.50	10	0	104	65	135	10.15	2.05	25	
Dibromochloromethane	8.400	0.50	10	0	84.0	65	135	8.150	3.02	25	
Dichlorodifluoromethane(F-12)	8.480	0.50	10	0	84.8	65	135	8.250	2.75	25	
Dichlorotetrafluoroethane(F-114)	8.530	0.50	10	0	85.3	65	135	8.480	0.588	25	
Ethyl Acetate	9.840	0.50	10	0	98.4	65	135	9.940	1.01	25	
Ethylbenzene	9.500	0.50	10	0	95.0	65	135	9.440	0.634	25	
Heptane	8.550	0.50	10	0	85.5	65	135	8.480	0.822	25	
Hexachlorobutadiene	9.210	1.0	10	0	92.1	65	135	9.230	0.217	25	
Hexane	9.840	0.50	10	0	98.4	65	135	9.640	2.05	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 05111241
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: LCSD-R67136 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	8.880	0.50	10	0	88.8	65	135	8.700	2.05	25	
1,2-Dichlorobenzene	9.030	0.50	10	0	90.3	65	135	8.780	2.81	25	
1,2-Dichloroethane	8.060	0.50	10	0	80.6	65	135	8.010	0.622	25	
1,2-Dichloropropane	9.690	0.50	10	0	96.9	65	135	9.720	0.309	25	
1,3,5-Trimethylbenzene	9.210	0.50	10	0	92.1	65	135	9.000	2.31	25	
1,3-Butadiene	8.720	0.50	10	0	87.2	65	135	9.010	3.27	25	
1,3-Dichlorobenzene	8.780	0.50	10	0	87.8	65	135	8.490	3.36	25	
1,4-Dichlorobenzene	8.670	0.50	10	0	86.7	65	135	8.340	3.88	25	
2,2,4-Trimethylpentane	9.530	0.50	10	0	95.3	65	135	9.420	1.16	25	
2-Butanone (MEK)	11.43	1.0	10	0	114	65	135	11.27	1.41	25	
2-Hexanone	10.09	1.0	10	0	101	65	135	10.50	3.98	25	
2-Propanol	9.410	1.0	10	0	94.1	65	135	9.160	2.69	25	
4-Ethyltoluene	9.590	0.50	10	0	95.9	65	135	9.460	1.36	25	
4-Methyl-2-pentanone	9.750	1.0	10	0	97.5	65	135	10.84	10.6	25	
Acetone	9.740	5.0	10	0	97.4	65	135	9.180	5.92	25	
Allyl chloride	10.55	0.50	10	0	106	65	135	10.90	3.26	25	
Benzene	10.45	0.50	10	0	104	65	135	10.44	0.0957	25	
Benzyl chloride	7.660	2.0	10	0	76.6	65	135	7.200	6.19	25	
Bromodichloromethane	8.210	0.50	10	0	82.1	65	135	8.120	1.10	25	
Bromoethene(Vinyl Bromide)	8.860	0.50	10	0	88.6	65	135	8.950	1.01	25	
Bromoform	7.910	0.50	10	0	79.1	65	135	7.710	2.56	25	
Bromomethane	8.720	0.50	10	0	87.2	65	135	8.900	2.04	25	
Carbon disulfide	9.420	0.50	10	0	94.2	65	135	9.740	3.34	25	
Carbon tetrachloride	7.840	0.50	10	0	78.4	65	135	7.730	1.41	25	
Chlorobenzene	8.700	0.50	10	0	87.0	65	135	8.580	1.39	25	
Chloroethane	9.230	0.50	10	0	92.3	65	135	9.310	0.863	25	
Chloroform	9.030	0.50	10	0	90.3	65	135	9.040	0.111	25	
Chloromethane	8.730	0.50	10	0	87.3	65	135	8.840	1.25	25	
cis-1,2-Dichloroethene	9.550	0.50	10	0	95.5	65	135	9.640	0.938	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:_____

Laboratory Number: 05-11-1241	Checklist completed by: [signature] 11-17-05 Signature/Date
Client Name: Geomatrix	
Matrix: Air / Carrier Name: Client	Date/Time Rec'd: 11-17-05 1403 By: CMG

Temperature of Samples? Ambient °C *Circle one:* Blue Ice Wet Ice Not Present

	Yes	No*	Not Present
Shipping container/cooler in good condition?	✓		
Custody seals intact on shipping container/cooler?			✓
Custody seals intact on sample containers?			✓
Chain of Custody present and relinquished/received properly?	✓		
Chain of Custody agrees with sample labels?	✓		
Samples in proper containers/bottles?	✓		
Sample containers intact?	✓		
All samples received within holding time?	✓		**See Comment about Chlorine and pH
Is there sufficient sample volume to perform the tests?	✓		
40mL vials for volatiles & SOCs received with zero headspace?			✓

Soil Containers:
Brass Sleeve_____
Glass Jar_____
Methanol_____
Plastic Bag_____
Encore Samplers_____

Total number of bottles received: 11	IH sample media:
If applicable, how many sample bottles were shipped from AEL-Tucson?	N/A ✓

Number of containers received by preservative and by sample number: (If more than 15 samples are rec'd, please continue on separate sheet(s))

Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A-General	1	1	1	1	1	1	1	1	1	1	1				
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-Na Sulfite															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Water-pH acceptable upon receipt? Yes No N/A ✓

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number, and reagent ID. number
Metals	<2		
Nutrients	<2		
Total Phenols	<2		
413 (O&G)	<2		
418 (TPH)	<2		
Cyanide	>12		
Sulfide	>9		

Any No response must be detailed in the comments section below. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001.04, Section 1.8.6. Continue on back if additional space is needed.

*****The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate result, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.***

Comments:

Corrective Action:

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[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 05-11-1241

Customer Number:	Page 2 of 2
Customer: GEOMATRIX CONSULTANTS	Sampler: ANDREW MACHUGH
Address: 8797 E. VIA DE VENTURA #386	Project Name: 3245 11TH ST. FACILITY
City, State, Zip: SCOTTSDALE, AZ 85258	Project Number: 10108 TASK 3
Contact: STEPHANIE KOEHNE	P.O. Number: 10108 TASK 3
Phone: (480)348-1244 Fax: (480)348-1245	Fax Results: (Y) N
E-Mail Address: skoehne@geomatrix.com	E-Mail Results: (Y) N

Sample Receipt

Temperature 4.4 Amt °C
Custody Seals: Yes ___ No Y
Custody Seals Intact: Yes ___ No O
Total # of Containers: 1

Turn Around Request

___ 24 Hours ___ 48 Hours
___ 72 Hours
___ 5 working Day
X Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Please also email results to ccullbertson@geomatrix.com

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	1,4-DIOXANE	DIFLUOROETHANE (TC)				
11	00669	6, 1, 0.4	FBtank-02-111705	11/17/05	1233	Ambient Air				X		X	X				
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:
Please make sure 1,4-Dioxane and Difluoroethane analyses are included.

Date:	Time:	Samples Relinquished By:	Received By:
11/17/05	1403	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

Chain of Custody, Page 1 of 1, REV 02, 111803, VPQAS

Aerotech Environmental Laboratories

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Aerotech Environmental **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Project: SRP's 16th St. Facility/10108 Task 3
Lab Order: 05111195

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, EPA/600/R-95/131, August 1995.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1998. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Aerotech Environmental Laboratories (AEL) holds Arizona certification no. AZ0610 and AEL-Tucson holds Arizona certification no. AZ0609.

Aerotech Environmental Laboratories (Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D1 Sample required dilution due to matrix.

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Corporate Address: 1501 W. Knudsen Drive, Phoenix, Arizona 85027 Phone: 623.780.4800 Toll Free: 800.651.4802 Fax: 623.780.7695 www.aerotechlabs.com

CLIENT: Geomatrix Consultants
Project: SRP's 16th St. Facility/10108 Task 3
Lab Order: 05111195

CASE NARRATIVE

D1 - Additional Comment for Method TO15:
Sample required dilution due to interference from a non-target analyte.

D2 Sample required dilution due to high concentration of target analyte.

T4 Tentatively identified compound. Concentration is estimated and based on the closest internal standard.

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Aerotech Environmental

Date: *30-Nov-05*

CLIENT: Geomatrix Consultants
Project: SRP's 16th St. Facility/10108 Task 3
Lab Order: 05111195

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
05111195-01A	ASG-1C-05	00271	11/15/2005 10:35:00 AM	11/16/2005
05111195-02A	ASG-1-13	00619	11/15/2005 11:10:00 AM	11/16/2005
05111195-03A	ASG-4C-05	01251	11/15/2005 11:57:00 AM	11/16/2005
05111195-04A	ASG-4-13.5	01322	11/15/2005 12:24:00 PM	11/16/2005
05111195-05A	Eblank-01-111505	00617	11/15/2005 1:38:00 PM	11/16/2005
05111195-06A	ASG-10C-05	00237	11/15/2005 2:01:00 PM	11/16/2005
05111195-07A	ASG-10-15	01240	11/15/2005 2:28:00 PM	11/16/2005
05111195-08A	Fblank-01-111505	00159	11/15/2005 2:28:00 PM	11/16/2005
05111195-09A	ASG-15C-05	01429	11/15/2005 3:23:00 PM	11/16/2005
05111195-10A	ASG-15-13	00621	11/15/2005 3:49:00 PM	11/16/2005
05111195-11A	DUP-01-111505	01291	11/15/2005 3:56:00 PM	11/16/2005
05111195-12A	ASG-2-15	00199	11/16/2005 8:57:00 AM	11/16/2005
05111195-13A	ASG-3-12	00616	11/16/2005 9:38:00 AM	11/16/2005
05111195-14A	BASG-1C-05	00266	11/16/2005 10:20:00 AM	11/16/2005
05111195-15A	BASG-1-11	01284	11/16/2005 10:49:00 AM	11/16/2005
05111195-16A	ASG-5-12	00273	11/16/2005 11:40:00 AM	11/16/2005
05111195-17A	DUP-02-111605	01440	11/16/2005 11:47:00 AM	11/16/2005
05111195-18A	ASG-6-12	00187	11/16/2005 1:33:00 PM	11/16/2005

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-1C-05
Lab Order:	05111195	**Tag Number:**	00271
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 10:35:00 AM
Lab ID:	05111195-01A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 10	10	D1	ppbv	20	11/18/2005
1,1,2,2-Tetrachloroethane	< 10	10	D1	ppbv	20	11/18/2005
1,1,2-Trichloroethane	< 10	10	D1	ppbv	20	11/18/2005
1,1-Dichloroethane	< 10	10	D1	ppbv	20	11/18/2005
1,1-Dichloroethene	< 10	10	D1	ppbv	20	11/18/2005
1,2,4-Trichlorobenzene	< 20	20	D1	ppbv	20	11/18/2005
1,2,4-Trimethylbenzene	< 10	10	D1	ppbv	20	11/18/2005
1,2-Dibromoethane	< 10	10	D1	ppbv	20	11/18/2005
1,2-Dichlorobenzene	< 10	10	D1	ppbv	20	11/18/2005
1,2-Dichloroethane	< 10	10	D1	ppbv	20	11/18/2005
1,2-Dichloropropane	< 10	10	D1	ppbv	20	11/18/2005
1,3,5-Trimethylbenzene	< 10	10	D1	ppbv	20	11/18/2005
1,3-Butadiene	< 10	10	D1	ppbv	20	11/18/2005
1,3-Dichlorobenzene	< 10	10	D1	ppbv	20	11/18/2005
1,4-Dichlorobenzene	< 10	10	D1	ppbv	20	11/18/2005
1,4-Dioxane	< 100	100	D1	ppbv	20	11/18/2005
2,2,4-Trimethylpentane	< 10	10	D1	ppbv	20	11/18/2005
2-Butanone (MEK)	< 20	20	D1	ppbv	20	11/18/2005
2-Hexanone	< 20	20	D1	ppbv	20	11/18/2005
2-Propanol	< 20	20	D1	ppbv	20	11/18/2005
4-Ethyltoluene	< 10	10	D1	ppbv	20	11/18/2005
4-Methyl-2-pentanone	< 20	20	D1	ppbv	20	11/18/2005
Acetone	< 100	100	D1	ppbv	20	11/18/2005
Allyl chloride	< 10	10	D1	ppbv	20	11/18/2005
Benzene	< 10	10	D1	ppbv	20	11/18/2005
Benzyl chloride	< 40	40	D1	ppbv	20	11/18/2005
Bromodichloromethane	< 10	10	D1	ppbv	20	11/18/2005
Bromoethene(Vinyl Bromide)	< 10	10	D1	ppbv	20	11/18/2005
Bromoform	< 10	10	D1	ppbv	20	11/18/2005
Bromomethane	< 10	10	D1	ppbv	20	11/18/2005
Carbon disulfide	< 10	10	D1	ppbv	20	11/18/2005
Carbon tetrachloride	< 10	10	D1	ppbv	20	11/18/2005
Chlorobenzene	< 10	10	D1	ppbv	20	11/18/2005
Chloroethane	< 10	10	D1	ppbv	20	11/18/2005
Chloroform	< 10	10	D1	ppbv	20	11/18/2005
Chloromethane	< 10	10	D1	ppbv	20	11/18/2005
cis-1,2-Dichloroethene	< 10	10	D1	ppbv	20	11/18/2005
cis-1,3-Dichloropropene	< 10	10	D1	ppbv	20	11/18/2005
Cyclohexane	< 10	10	D1	ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) AEL - Tucson Laboratory

(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

R = rejected

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-01A

Client Sample ID: ASG-1C-05
Tag Number: 00271
Collection Date: 11/15/2005 10:35:00 AM
Matrix: AIR

R - due to leak check. No Action Data acceptable 8/6/08 MAP

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
		TO15				Analyst: SP
VOLATILE ORGANICS IN AIR						
Dibromochloromethane	< 10	10	D1	ppbv	20	11/18/2005
Dichlorodifluoromethane(F-12)	< 10	10	D1	ppbv	20	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 10	10	D1	ppbv	20	11/18/2005
Ethyl Acetate	< 10	10	D1	ppbv	20	11/18/2005
Ethylbenzene	< 10	10	D1	ppbv	20	11/18/2005
Heptane	< 10	10	D1	ppbv	20	11/18/2005
Hexachlorobutadiene	< 20	20	D1	ppbv	20	11/18/2005
Hexane	< 10	10	D1	ppbv	20	11/18/2005
m&p-Xylene	< 20	20	D1	ppbv	20	11/18/2005
Methyl tert-butyl ether	< 20	20	D1	ppbv	20	11/18/2005
Methylene chloride	< 10	10	D1	ppbv	20	11/18/2005
o-Xylene	< 10	10	D1	ppbv	20	11/18/2005
Propene (Propylene)	44	10	D1	ppbv	20	11/18/2005
Styrene	< 10	10	D1	ppbv	20	11/18/2005
Tetrachloroethene	< 10	10	D1	ppbv	20	11/18/2005
Tetrahydrofuran	< 40	40	D1	ppbv	20	11/18/2005
Toluene	< 10	10	D1	ppbv	20	11/18/2005
trans-1,2-Dichloroethene	< 10	10	D1	ppbv	20	11/18/2005
trans-1,3-Dichloropropene	< 10	10	D1	ppbv	20	11/18/2005
Trichloroethene	< 10	10	D1	ppbv	20	11/18/2005
Trichlorofluoromethane(F-11)	< 10	10	D1	ppbv	20	11/18/2005
Trichlorotrifluoroethane(F-113)	< 10	10	D1	ppbv	20	11/18/2005
Vinyl acetate	< 10	10	D1	ppbv	20	11/18/2005
Vinyl chloride	< 10	10	D1	ppbv	20	11/18/2005
Surr: 4-Bromofluorobenzene	98.0	70-130		%REC	20	11/18/2005
TIC: Difluoroethane	1600	100	T4D2	ppbv	20	11/18/2005

~ 4300 µg/m³ (4.3 µg/L)

No ACTION need for leak detection

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
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(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

~~R-rejected~~

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-1-13
Lab Order:	05111195	**Tag Number:**	00619
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 11:10:00 AM
Lab ID:	05111195-02A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	< 5.0	5.0		ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 15 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 82 U	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	6.7	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	16 J	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	2.8	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-02A

Client Sample ID: ASG-1-13
Tag Number: 00619
Collection Date: 11/15/2005 11:10:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
		TO15				Analyst: SP
VOLATILE ORGANICS IN AIR						
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	<3.2 U	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	6.4	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	86	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	61	2.5	D2	ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	9.2	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
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(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-03A

Client Sample ID: ASG-4C-05 R
Tag Number: 01251
Collection Date: 11/15/2005 11:57:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 200 UJ	200		ppbv	400	11/18/2005
1,1,2,2-Tetrachloroethane	< 200	200		ppbv	400	11/18/2005
1,1,2-Trichloroethane	< 200	200		ppbv	400	11/18/2005
1,1-Dichloroethane	< 200	200		ppbv	400	11/18/2005
1,1-Dichloroethene	< 200	200		ppbv	400	11/18/2005
1,2,4-Trichlorobenzene	120000 J	5000	D2	ppbv	5000	11/24/2005
1,2,4-Trimethylbenzene	260 J	200	D2	ppbv	400	11/18/2005
1,2-Dibromoethane	< 200 UJ	200		ppbv	400	11/18/2005
1,2-Dichlorobenzene	34000 J	1200	D2	ppbv	2500	11/23/2005
1,2-Dichloroethane	< 200 UJ	200		ppbv	400	11/18/2005
1,2-Dichloropropane	< 200	200		ppbv	400	11/18/2005
1,3,5-Trimethylbenzene	< 200	200		ppbv	400	11/18/2005
1,3-Butadiene	< 200	200		ppbv	400	11/18/2005
1,3-Dichlorobenzene	1600 J	200	D2	ppbv	400	11/18/2005
1,4-Dichlorobenzene	21000 J	1200	D2	ppbv	2500	11/23/2005
1,4-Dioxane	< 2000 UJ	2000		ppbv	400	11/18/2005
2,2,4-Trimethylpentane	< 200	200		ppbv	400	11/18/2005
2-Butanone (MEK)	< 400	400		ppbv	400	11/18/2005
2-Hexanone	< 400	400		ppbv	400	11/18/2005
2-Propanol	< 400	400		ppbv	400	11/18/2005
4-Ethyltoluene	< 200	200		ppbv	400	11/18/2005
4-Methyl-2-pentanone	< 400	400		ppbv	400	11/18/2005
Acetone	< 2000	2000		ppbv	400	11/18/2005
Allyl chloride	< 200	200		ppbv	400	11/18/2005
Benzene	< 200	200		ppbv	400	11/18/2005
Benzyl chloride	< 800	800		ppbv	400	11/18/2005
Bromodichloromethane	< 200	200		ppbv	400	11/18/2005
Bromoethene(Vinyl Bromide)	< 200	200		ppbv	400	11/18/2005
Bromoform	< 200	200		ppbv	400	11/18/2005
Bromomethane	< 200	200		ppbv	400	11/18/2005
Carbon disulfide	< 200	200		ppbv	400	11/18/2005
Carbon tetrachloride	< 200	200		ppbv	400	11/18/2005
Chlorobenzene	440 J	200	D2	ppbv	400	11/18/2005
Chloroethane	< 200 UJ	200		ppbv	400	11/18/2005
Chloroform	< 200	200		ppbv	400	11/18/2005
Chloromethane	< 200	200		ppbv	400	11/18/2005
cis-1,2-Dichloroethene	< 200	200		ppbv	400	11/18/2005
cis-1,3-Dichloropropene	< 200	200		ppbv	400	11/18/2005
Cyclohexane	< 200	200		ppbv	400	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
(2) AEL - Knudsen Laboratory
(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

R= rejected

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

~~R~~ – due to leak check

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-4C-05
Lab Order:	05111195	**Tag Number:**	01251
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 11:57:00 AM
Lab ID:	05111195-03A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
		TO15				Analyst: SP
VOLATILE ORGANICS IN AIR						
Dibromochloromethane	< 200 UJ	200		ppbv	400	11/18/2005
Dichlorodifluoromethane(F-12)	< 200	200		ppbv	400	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 200	200		ppbv	400	11/18/2005
Ethyl Acetate	< 200	200		ppbv	400	11/18/2005
Ethylbenzene	< 200	200		ppbv	400	11/18/2005
Heptane	< 200	200		ppbv	400	11/18/2005
Hexachlorobutadiene	< 400	400		ppbv	400	11/18/2005
Hexane	< 200	200		ppbv	400	11/18/2005
m&p-Xylene	< 400	400		ppbv	400	11/18/2005
Methyl tert-butyl ether	< 400	400		ppbv	400	11/18/2005
Methylene chloride	< 200	200		ppbv	400	11/18/2005
o-Xylene	< 200	200		ppbv	400	11/18/2005
Propene (Propylene)	590 J	200	D2	ppbv	400	11/18/2005
Styrene	< 200 UJ	200		ppbv	400	11/18/2005
Tetrachloroethene	400 J	200	D2	ppbv	400	11/18/2005
Tetrahydrofuran	< 800 UJ	800		ppbv	400	11/18/2005
Toluene	< 200	200		ppbv	400	11/18/2005
trans-1,2-Dichloroethene	< 200	200		ppbv	400	11/18/2005
trans-1,3-Dichloropropene	< 200	200		ppbv	400	11/18/2005
Trichloroethene	< 200	200		ppbv	400	11/18/2005
Trichlorofluoromethane(F-11)	< 200	200		ppbv	400	11/18/2005
Trichlorotrifluoroethane(F-113)	< 200	200		ppbv	400	11/18/2005
Vinyl acetate	< 200	200		ppbv	400	11/18/2005
Vinyl chloride	< 200	200		ppbv	400	11/18/2005
Surr: 4-Bromofluorobenzene	105	70-130		%REC	400	11/18/2005
TIC: Difluoroethane	26000	2000	T4D2	ppbv	400	11/18/2005

UJ/J flag when 10 < leak < 100 µg/L detect MKP

→ 70 µg/L

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R = rejected

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental — Analytical Report

Date: *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-04A

Client Sample ID: ASG-4-13.5
Tag Number: 01322
Collection Date: 11/15/2005 12:24:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 10	10		ppbv	20	11/18/2005
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	11/18/2005
1,1,2-Trichloroethane	< 10	10		ppbv	20	11/18/2005
1,1-Dichloroethane	< 10	10		ppbv	20	11/18/2005
1,1-Dichloroethene	< 10	10		ppbv	20	11/18/2005
1,2,4-Trichlorobenzene	5900 J	400	D2	ppbv	400	11/23/2005
1,2,4-Trimethylbenzene	< 10	10		ppbv	20	11/18/2005
1,2-Dibromoethane	< 10	10		ppbv	20	11/18/2005
1,2-Dichlorobenzene	710 J	10	D2	ppbv	20	11/18/2005
1,2-Dichloroethane	< 10	10		ppbv	20	11/18/2005
1,2-Dichloropropane	< 10	10		ppbv	20	11/18/2005
1,3,5-Trimethylbenzene	< 10	10		ppbv	20	11/18/2005
1,3-Butadiene	< 10	10		ppbv	20	11/18/2005
1,3-Dichlorobenzene	22	10		ppbv	20	11/18/2005
1,4-Dichlorobenzene	310 J	10		ppbv	20	11/18/2005
1,4-Dioxane	< 100	100		ppbv	20	11/18/2005
2,2,4-Trimethylpentane	< 10	10		ppbv	20	11/18/2005
2-Butanone (MEK)	24	20		ppbv	20	11/18/2005
2-Hexanone	< 20	20		ppbv	20	11/18/2005
2-Propanol	< 20	20		ppbv	20	11/18/2005
4-Ethyltoluene	< 10	10		ppbv	20	11/18/2005
4-Methyl-2-pentanone	< 20	20		ppbv	20	11/18/2005
Acetone	240	100	D2	ppbv	20	11/18/2005
Allyl chloride	< 10	10		ppbv	20	11/18/2005
Benzene	< 10	10		ppbv	20	11/18/2005
Benzyl chloride	< 40	40		ppbv	20	11/18/2005
Bromodichloromethane	< 10	10		ppbv	20	11/18/2005
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	11/18/2005
Bromoform	< 10	10		ppbv	20	11/18/2005
Bromomethane	< 10	10		ppbv	20	11/18/2005
Carbon disulfide	< 10	10		ppbv	20	11/18/2005
Carbon tetrachloride	< 10	10		ppbv	20	11/18/2005
Chlorobenzene	< 10	10		ppbv	20	11/18/2005
Chloroethane	< 10	10		ppbv	20	11/18/2005
Chloroform	< 10	10		ppbv	20	11/18/2005
Chloromethane	< 10	10		ppbv	20	11/18/2005
cis-1,2-Dichloroethene	< 10	10		ppbv	20	11/18/2005
cis-1,3-Dichloropropene	< 10	10		ppbv	20	11/18/2005
Cyclohexane	< 10	10		ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental Laboratories

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-04A

Client Sample ID: ASG-4-13.5
Tag Number: 01322
Collection Date: 11/15/2005 12:24:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 10	10		ppbv	20	11/18/2005
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	11/18/2005
Ethyl Acetate	< 10	10		ppbv	20	11/18/2005
Ethylbenzene	< 10	10		ppbv	20	11/18/2005
Heptane	< 10	10		ppbv	20	11/18/2005
Hexachlorobutadiene	< 20	20		ppbv	20	11/18/2005
Hexane	< 10	10		ppbv	20	11/18/2005
m&p-Xylene	< 20	20		ppbv	20	11/18/2005
Methyl tert-butyl ether	< 20	20		ppbv	20	11/18/2005
Methylene chloride	< 10	10		ppbv	20	11/18/2005
o-Xylene	< 10	10		ppbv	20	11/18/2005
Propene (Propylene)	79	10	D2	ppbv	20	11/18/2005
Styrene	< 10	10		ppbv	20	11/18/2005
Tetrachloroethene	210	10	D2	ppbv	20	11/18/2005
Tetrahydrofuran	< 40	40		ppbv	20	11/18/2005
Toluene	25	10		ppbv	20	11/18/2005
trans-1,2-Dichloroethene	< 10	10		ppbv	20	11/18/2005
trans-1,3-Dichloropropene	< 10	10		ppbv	20	11/18/2005
Trichloroethene	< 10	10		ppbv	20	11/18/2005
Trichlorofluoromethane(F-11)	< 10	10		ppbv	20	11/18/2005
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	11/18/2005
Vinyl acetate	< 10	10		ppbv	20	11/18/2005
Vinyl chloride	< 10	10		ppbv	20	11/18/2005
Surr: 4-Bromofluorobenzene	104	70-130		%REC	20	11/18/2005
TIC: Difluoroethane	< 100	100	T4	ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-05A

Client Sample ID: Eblank-01-111505
Tag Number: 00617
Collection Date: 11/15/2005 1:38:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
1,2,4-Trichlorobenzene	< 1.0	1.0		ppbv	1	11/17/2005
1,2,4-Trimethylbenzene	2.3	0.50		ppbv	1	11/17/2005
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	11/17/2005
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,3-Butadiene	< 0.50	0.50		ppbv	1	11/17/2005
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,4-Dioxane	< 5.0	5.0		ppbv	1	11/17/2005
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	11/17/2005
2-Butanone (MEK)	< 1.0	1.0		ppbv	1	11/17/2005
2-Hexanone	< 1.0	1.0		ppbv	1	11/17/2005
2-Propanol	2.3	1.0		ppbv	1	11/17/2005
4-Ethyltoluene	< 0.50	0.50		ppbv	1	11/17/2005
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	11/17/2005
Acetone	< 5.0	5.0		ppbv	1	11/17/2005
Allyl chloride	< 0.50	0.50		ppbv	1	11/17/2005
Benzene	< 0.50	0.50		ppbv	1	11/17/2005
Benzyl chloride	< 2.0	2.0		ppbv	1	11/17/2005
Bromodichloromethane	< 0.50	0.50		ppbv	1	11/17/2005
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	11/17/2005
Bromoform	< 0.50	0.50		ppbv	1	11/17/2005
Bromomethane	< 0.50	0.50		ppbv	1	11/17/2005
Carbon disulfide	< 0.50	0.50		ppbv	1	11/17/2005
Carbon tetrachloride	< 0.50	0.50		ppbv	1	11/17/2005
Chlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
Chloroethane	< 0.50	0.50		ppbv	1	11/17/2005
Chloroform	< 0.50	0.50		ppbv	1	11/17/2005
Chloromethane	< 0.50	0.50		ppbv	1	11/17/2005
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	11/17/2005
Cyclohexane	< 0.50	0.50		ppbv	1	11/17/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	Eblank-01-111505
Lab Order:	05111195	**Tag Number:**	00617
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 1:38:00 PM
Lab ID:	05111195-05A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 0.50	0.50		ppbv	1	11/17/2005
Dichlorodifluoromethane(F-12)	< 0.50	0.50		ppbv	1	11/17/2005
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	11/17/2005
Ethyl Acetate	< 0.50	0.50		ppbv	1	11/17/2005
Ethylbenzene	< 0.50	0.50		ppbv	1	11/17/2005
Heptane	< 0.50	0.50		ppbv	1	11/17/2005
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	11/17/2005
Hexane	< 0.50	0.50		ppbv	1	11/17/2005
m&p-Xylene	< 1.0	1.0		ppbv	1	11/17/2005
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	11/17/2005
Methylene chloride	< 0.50	0.50		ppbv	1	11/17/2005
o-Xylene	0.61	0.50		ppbv	1	11/17/2005
Propene (Propylene)	< 0.50	0.50		ppbv	1	11/17/2005
Styrene	< 0.50	0.50		ppbv	1	11/17/2005
Tetrachloroethene	< 0.50	0.50		ppbv	1	11/17/2005
Tetranydrofuran	< 2.0	2.0		ppbv	1	11/17/2005
Toluene	0.53	0.50		ppbv	1	11/17/2005
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	11/17/2005
Trichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	11/17/2005
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	11/17/2005
Vinyl acetate	< 0.50	0.50		ppbv	1	11/17/2005
Vinyl chloride	< 0.50	0.50		ppbv	1	11/17/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	11/17/2005
TIC: Difluoroethane	< 5.0	5.0	T4	ppbv	1	11/17/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-10C-05
Lab Order:	05111195	**Tag Number:**	00237
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 2:01:00 PM
Lab ID:	05111195-06A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	73 J	5.0	D2	ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	5.0 J	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 8.6 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 33 U	25		ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	6.0	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	4.1 J	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental Laboratories

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-06A

Client Sample ID: ASG-10C-05
Tag Number: 00237
Collection Date: 11/15/2005 2:01:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	5.6	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	55	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	4.1	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	16	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	99.2	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-10-15
Lab Order:	05111195	**Tag Number:**	01240
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 2:28:00 PM
Lab ID:	05111195-07A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	84 J✓	5.0	D2	ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	8.4 J✓	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	3.3 J	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 9.9 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 47 U	25		ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	5.5	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	5.6 J✓	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	5.4	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental Laboratories

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-10-15
Lab Order:	05111195	**Tag Number:**	01240
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 2:28:00 PM
Lab ID:	05111195-07A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	6.2 J	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	3.4	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	88	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	19	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	< 5.1 U	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	Fblank-01-111505
Lab Order:	05111195	**Tag Number:**	00159
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 2:28:00 PM
Lab ID:	05111195-08A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1,2,2-Tetrachloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1,2-Trichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1-Dichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,1-Dichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
1,2,4-Trichlorobenzene	3.9	1.0		ppbv	1	11/17/2005
1,2,4-Trimethylbenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dibromoethane	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dichlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dichloroethane	< 0.50	0.50		ppbv	1	11/17/2005
1,2-Dichloropropane	< 0.50	0.50		ppbv	1	11/17/2005
1,3,5-Trimethylbenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,3-Butadiene	< 0.50	0.50		ppbv	1	11/17/2005
1,3-Dichlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,4-Dichlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
1,4-Dioxane	< 5.0	5.0		ppbv	1	11/17/2005
2,2,4-Trimethylpentane	< 0.50	0.50		ppbv	1	11/17/2005
2-Butanone (MEK)	2.3	1.0		ppbv	1	11/17/2005
2-Hexanone	< 1.0	1.0		ppbv	1	11/17/2005
2-Propanol	1.6	1.0		ppbv	1	11/17/2005
4-Ethyltoluene	< 0.50	0.50		ppbv	1	11/17/2005
4-Methyl-2-pentanone	< 1.0	1.0		ppbv	1	11/17/2005
Acetone	14	5.0		ppbv	1	11/17/2005
Allyl chloride	< 0.50	0.50		ppbv	1	11/17/2005
Benzene	< 0.50	0.50		ppbv	1	11/17/2005
Benzyl chloride	< 2.0	2.0		ppbv	1	11/17/2005
Bromodichloromethane	< 0.50	0.50		ppbv	1	11/17/2005
Bromoethene(Vinyl Bromide)	< 0.50	0.50		ppbv	1	11/17/2005
Bromoform	< 0.50	0.50		ppbv	1	11/17/2005
Bromomethane	< 0.50	0.50		ppbv	1	11/17/2005
Carbon disulfide	< 0.50	0.50		ppbv	1	11/17/2005
Carbon tetrachloride	< 0.50	0.50		ppbv	1	11/17/2005
Chlorobenzene	< 0.50	0.50		ppbv	1	11/17/2005
Chloroethane	< 0.50	0.50		ppbv	1	11/17/2005
Chloroform	< 0.50	0.50		ppbv	1	11/17/2005
Chloromethane	0.53	0.50		ppbv	1	11/17/2005
cis-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
cis-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	11/17/2005
Cyclohexane	< 0.50	0.50		ppbv	1	11/17/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	Fblank-01-111505
Lab Order:	05111195	**Tag Number:**	00159
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 2:28:00 PM
Lab ID:	05111195-08A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 0.50	0.50		ppbv	1	11/17/2005
Dichlorodifluoromethane(F-12)	0.52	0.50		ppbv	1	11/17/2005
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50		ppbv	1	11/17/2005
Ethyl Acetate	0.99	0.50		ppbv	1	11/17/2005
Ethylbenzene	< 0.50	0.50		ppbv	1	11/17/2005
Heptane	< 0.50	0.50		ppbv	1	11/17/2005
Hexachlorobutadiene	< 1.0	1.0		ppbv	1	11/17/2005
Hexane	< 0.50	0.50		ppbv	1	11/17/2005
m&p-Xylene	< 1.0	1.0		ppbv	1	11/17/2005
Methyl tert-butyl ether	< 1.0	1.0		ppbv	1	11/17/2005
Methylene chloride	< 0.50	0.50		ppbv	1	11/17/2005
o-Xylene	< 0.50	0.50		ppbv	1	11/17/2005
Propene (Propylene)	0.93	0.50		ppbv	1	11/17/2005
Styrene	< 0.50	0.50		ppbv	1	11/17/2005
Tetrachloroethene	< 0.50	0.50		ppbv	1	11/17/2005
Tetrahydrofuran	< 2.0	2.0		ppbv	1	11/17/2005
Toluene	1.6	0.50		ppbv	1	11/17/2005
trans-1,2-Dichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
trans-1,3-Dichloropropene	< 0.50	0.50		ppbv	1	11/17/2005
Trichloroethene	< 0.50	0.50		ppbv	1	11/17/2005
Trichlorofluoromethane(F-11)	< 0.50	0.50		ppbv	1	11/17/2005
Trichlorotrifluoroethane(F-113)	< 0.50	0.50		ppbv	1	11/17/2005
Vinyl acetate	< 0.50	0.50		ppbv	1	11/17/2005
Vinyl chloride	< 0.50	0.50		ppbv	1	11/17/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	11/17/2005
TIC: Difluoroethane	< 5.0	5.0	T4	ppbv	1	11/17/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-09A

Client Sample ID: ASG-15C-05
Tag Number: 01429
Collection Date: 11/15/2005 3:23:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	110 J ✓	5.0	D2	ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	8.9 J ✓	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	3.2 J	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 18 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 91 U	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	8.6	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	10 J ✓	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	3.6	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
(2) AEL - Knudsen Laboratory
(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-15C-05
Lab Order:	05111195	**Tag Number:**	01429
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 3:23:00 PM
Lab ID:	05111195-09A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	5.2 J	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	7.6	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	120	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	6.4	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	< 7.6 U	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-15-13
Lab Order:	05111195	**Tag Number:**	00621
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 3:49:00 PM
Lab ID:	05111195-10A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	300 J	10	D2	ppbv	10	11/22/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	22 J	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	10 J	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 18 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 90 U	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	3.6	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	16 J	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-15-13
Lab Order:	05111195	**Tag Number:**	00621
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/15/2005 3:49:00 PM
Lab ID:	05111195-10A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	5.4 J	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	3.2	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	64	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	12	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	12	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	102	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-11A

Client Sample ID: DUP-01-111505
Tag Number: 01291
Collection Date: 11/15/2005 3:56:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	59 J	5.0	D2	ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	5.8 J	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	2.6 J	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 14 4	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 66 4	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	< 2.5	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	11 J	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-11A

Client Sample ID: DUP-01-111505
Tag Number: 01291
Collection Date: 11/15/2005 3:56:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	< 2.5	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	57	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	14	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	11	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-2-15
Lab Order:	05111195	**Tag Number:**	00199
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 8:57:00 AM
Lab ID:	05111195-12A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	11 J✓	5.0		ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	2.6 J✓	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 19 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 110 U	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	3.7	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	2.9 J✓	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) AEL - Tucson Laboratory

(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-2-15
Lab Order:	05111195	**Tag Number:**	00199
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 8:57:00 AM
Lab ID:	05111195-12A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	7.0	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	4.7	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	47	2.5		ppbv	5	11/18/2005
Styrene	9.1	2.5		ppbv	5	11/18/2005
Tetrachloroethene	41	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	11	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	3.9	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-3-12
Lab Order:	05111195	**Tag Number:**	00616
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 9:38:00 AM
Lab ID:	05111195-13A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	22 J✓	5.0		ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5 U	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	39	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	190	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	9.6	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	14 J✓	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-3-12
Lab Order:	05111195	**Tag Number:**	00616
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 9:38:00 AM
Lab ID:	05111195-13A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	3.9 J	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	6.2	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	12	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	190	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	59	2.5	D2	ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	17	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	99.3	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-14A

Client Sample ID: BASG-1C-05
Tag Number: 00266
Collection Date: 11/16/2005 10:20:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	< 9.1 U	5.0		ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	< 13 U	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	< 79 U	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	9.8	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	5.6 J	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	< 2.5	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-14A

Client Sample ID: BASG-1C-05
Tag Number: 00266
Collection Date: 11/16/2005 10:20:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
		TO15				Analyst: SP
VOLATILE ORGANICS IN AIR						
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	8.4	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	6.3	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	71	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	24	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	< 7.3	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	100	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-15A

Client Sample ID: BASG-1-11
Tag Number: 01284
Collection Date: 11/16/2005 10:49:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2,2-Tetrachloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1,2-Trichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,1-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
1,2,4-Trichlorobenzene	< 11 U	5.0		ppbv	5	11/18/2005
1,2,4-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dibromoethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichlorobenzene	3.0 J	2.5		ppbv	5	11/18/2005
1,2-Dichloroethane	< 2.5	2.5		ppbv	5	11/18/2005
1,2-Dichloropropane	< 2.5	2.5		ppbv	5	11/18/2005
1,3,5-Trimethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Butadiene	< 2.5	2.5		ppbv	5	11/18/2005
1,3-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dichlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
1,4-Dioxane	< 25	25		ppbv	5	11/18/2005
2,2,4-Trimethylpentane	< 2.5	2.5		ppbv	5	11/18/2005
2-Butanone (MEK)	38	5.0		ppbv	5	11/18/2005
2-Hexanone	< 5.0	5.0		ppbv	5	11/18/2005
2-Propanol	< 5.0	5.0		ppbv	5	11/18/2005
4-Ethyltoluene	< 2.5	2.5		ppbv	5	11/18/2005
4-Methyl-2-pentanone	< 5.0	5.0		ppbv	5	11/18/2005
Acetone	170	25	D2	ppbv	5	11/18/2005
Allyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Benzene	13	2.5		ppbv	5	11/18/2005
Benzyl chloride	< 10	10		ppbv	5	11/18/2005
Bromodichloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Bromoethene(Vinyl Bromide)	< 2.5	2.5		ppbv	5	11/18/2005
Bromoform	< 2.5	2.5		ppbv	5	11/18/2005
Bromomethane	< 2.5	2.5		ppbv	5	11/18/2005
Carbon disulfide	27 J	2.5		ppbv	5	11/18/2005
Carbon tetrachloride	< 2.5	2.5		ppbv	5	11/18/2005
Chlorobenzene	< 2.5	2.5		ppbv	5	11/18/2005
Chloroethane	< 2.5	2.5		ppbv	5	11/18/2005
Chloroform	7.1	2.5		ppbv	5	11/18/2005
Chloromethane	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
cis-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Cyclohexane	< 2.5	2.5		ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
(2) AEL - Knudsen Laboratory
(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	BASG-1-11
Lab Order:	05111195	**Tag Number:**	01284
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 10:49:00 AM
Lab ID:	05111195-15A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
Dibromochloromethane	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorodifluoromethane(F-12)	< 2.5	2.5		ppbv	5	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5		ppbv	5	11/18/2005
Ethyl Acetate	< 2.5	2.5		ppbv	5	11/18/2005
Ethylbenzene	< 2.5	2.5		ppbv	5	11/18/2005
Heptane	< 2.5	2.5		ppbv	5	11/18/2005
Hexachlorobutadiene	< 5.0	5.0		ppbv	5	11/18/2005
Hexane	6.7	2.5		ppbv	5	11/18/2005
m&p-Xylene	< 5.0	5.0		ppbv	5	11/18/2005
Methyl tert-butyl ether	< 5.0	5.0		ppbv	5	11/18/2005
Methylene chloride	< 2.5	2.5		ppbv	5	11/18/2005
o-Xylene	< 2.5	2.5		ppbv	5	11/18/2005
Propene (Propylene)	190	2.5	D2	ppbv	5	11/18/2005
Styrene	< 2.5	2.5		ppbv	5	11/18/2005
Tetrachloroethene	34	2.5		ppbv	5	11/18/2005
Tetrahydrofuran	< 10	10		ppbv	5	11/18/2005
Toluene	8.5	2.5		ppbv	5	11/18/2005
trans-1,2-Dichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
trans-1,3-Dichloropropene	< 2.5	2.5		ppbv	5	11/18/2005
Trichloroethene	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorofluoromethane(F-11)	< 2.5	2.5		ppbv	5	11/18/2005
Trichlorotrifluoroethane(F-113)	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl acetate	< 2.5	2.5		ppbv	5	11/18/2005
Vinyl chloride	< 2.5	2.5		ppbv	5	11/18/2005
Surr: 4-Bromofluorobenzene	101	70-130		%REC	5	11/18/2005
TIC: Difluoroethane	< 25	25	T4	ppbv	5	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

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(2) AEL - Knudsen Laboratory

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-5-12
Lab Order:	05111195	**Tag Number:**	00273
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 11:40:00 AM
Lab ID:	05111195-16A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 10	10		ppbv	20	11/18/2005
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	11/18/2005
1,1,2-Trichloroethane	< 10	10		ppbv	20	11/18/2005
1,1-Dichloroethane	< 10	10		ppbv	20	11/18/2005
1,1-Dichloroethene	< 10	10		ppbv	20	11/18/2005
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	11/18/2005
1,2,4-Trimethylbenzene	< 10	10		ppbv	20	11/18/2005
1,2-Dibromoethane	< 10	10		ppbv	20	11/18/2005
1,2-Dichlorobenzene	< 10	10		ppbv	20	11/18/2005
1,2-Dichloroethane	< 10	10		ppbv	20	11/18/2005
1,2-Dichloropropane	< 10	10		ppbv	20	11/18/2005
1,3,5-Trimethylbenzene	< 10	10		ppbv	20	11/18/2005
1,3-Butadiene	< 10	10		ppbv	20	11/18/2005
1,3-Dichlorobenzene	< 10	10		ppbv	20	11/18/2005
1,4-Dichlorobenzene	< 10	10		ppbv	20	11/18/2005
1,4-Dioxane	< 100	100		ppbv	20	11/18/2005
2,2,4-Trimethylpentane	< 10	10		ppbv	20	11/18/2005
2-Butanone (MEK)	27	20		ppbv	20	11/18/2005
2-Hexanone	< 20	20		ppbv	20	11/18/2005
2-Propanol	< 20	20		ppbv	20	11/18/2005
4-Ethyltoluene	< 10	10		ppbv	20	11/18/2005
4-Methyl-2-pentanone	< 20	20		ppbv	20	11/18/2005
Acetone	140	100	D2	ppbv	20	11/18/2005
Allyl chloride	< 10	10		ppbv	20	11/18/2005
Benzene	< 10	10		ppbv	20	11/18/2005
Benzyl chloride	< 40	40		ppbv	20	11/18/2005
Bromodichloromethane	< 10	10		ppbv	20	11/18/2005
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	11/18/2005
Bromoform	< 10	10		ppbv	20	11/18/2005
Bromomethane	< 10	10		ppbv	20	11/18/2005
Carbon disulfide	21	10		ppbv	20	11/18/2005
Carbon tetrachloride	< 10	10		ppbv	20	11/18/2005
Chlorobenzene	< 10	10		ppbv	20	11/18/2005
Chloroethane	< 10	10		ppbv	20	11/18/2005
Chloroform	< 10	10		ppbv	20	11/18/2005
Chloromethane	< 10	10		ppbv	20	11/18/2005
cis-1,2-Dichloroethene	< 10	10		ppbv	20	11/18/2005
cis-1,3-Dichloropropene	< 10	10		ppbv	20	11/18/2005
Cyclohexane	< 10	10		ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) AEL - Tucson Laboratory

(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-16A

Client Sample ID: ASG-5-12
Tag Number: 00273
Collection Date: 11/16/2005 11:40:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
		TO15				Analyst: SP
VOLATILE ORGANICS IN AIR						
Dibromochloromethane	< 10	10		ppbv	20	11/18/2005
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	11/18/2005
Ethyl Acetate	< 10	10		ppbv	20	11/18/2005
Ethylbenzene	< 10	10		ppbv	20	11/18/2005
Heptane	< 10	10		ppbv	20	11/18/2005
Hexachlorobutadiene	< 20	20		ppbv	20	11/18/2005
Hexane	< 10	10		ppbv	20	11/18/2005
m&p-Xylene	< 20	20		ppbv	20	11/18/2005
Methyl tert-butyl ether	< 20	20		ppbv	20	11/18/2005
Methylene chloride	< 10	10		ppbv	20	11/18/2005
o-Xylene	< 10	10		ppbv	20	11/18/2005
Propene (Propylene)	91 J	10	D2	ppbv	20	11/18/2005
Styrene	< 10	10		ppbv	20	11/18/2005
Tetrachloroethene	1400	20	D2	ppbv	40	11/18/2005
Tetrahydrofuran	< 40	40		ppbv	20	11/18/2005
Toluene	< 10	10		ppbv	20	11/18/2005
trans-1,2-Dichloroethene	< 10	10		ppbv	20	11/18/2005
trans-1,3-Dichloropropene	< 10	10		ppbv	20	11/18/2005
Trichloroethene	11	10		ppbv	20	11/18/2005
Trichlorofluoromethane(F-11)	< 10	10		ppbv	20	11/18/2005
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	11/18/2005
Vinyl acetate	< 10	10		ppbv	20	11/18/2005
Vinyl chloride	< 10	10		ppbv	20	11/18/2005
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	20	11/18/2005
TIC: Difluoroethane	< 100	100	T4	ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-17A

Client Sample ID: DUP-02-111605
Tag Number: 01440
Collection Date: 11/16/2005 11:47:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 10	10		ppbv	20	11/17/2005
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	11/17/2005
1,1,2-Trichloroethane	< 10	10		ppbv	20	11/17/2005
1,1-Dichloroethane	< 10	10		ppbv	20	11/17/2005
1,1-Dichloroethene	< 10	10		ppbv	20	11/17/2005
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	11/17/2005
1,2,4-Trimethylbenzene	< 10	10		ppbv	20	11/17/2005
1,2-Dibromoethane	< 10	10		ppbv	20	11/17/2005
1,2-Dichlorobenzene	< 10	10		ppbv	20	11/17/2005
1,2-Dichloroethane	< 10	10		ppbv	20	11/17/2005
1,2-Dichloropropane	< 10	10		ppbv	20	11/17/2005
1,3,5-Trimethylbenzene	< 10	10		ppbv	20	11/17/2005
1,3-Butadiene	< 10	10		ppbv	20	11/17/2005
1,3-Dichlorobenzene	< 10	10		ppbv	20	11/17/2005
1,4-Dichlorobenzene	< 10	10		ppbv	20	11/17/2005
1,4-Dioxane	< 100	100		ppbv	20	11/17/2005
2,2,4-Trimethylpentane	< 10	10		ppbv	20	11/17/2005
2-Butanone (MEK)	< 20	20		ppbv	20	11/17/2005
2-Hexanone	< 20	20		ppbv	20	11/17/2005
2-Propanol	< 20	20		ppbv	20	11/17/2005
4-Ethyltoluene	< 10	10		ppbv	20	11/17/2005
4-Methyl-2-pentanone	< 20	20		ppbv	20	11/17/2005
Acetone	200	100	D2	ppbv	20	11/17/2005
Allyl chloride	< 10	10		ppbv	20	11/17/2005
Benzene	< 10	10		ppbv	20	11/17/2005
Benzyl chloride	< 40	40		ppbv	20	11/17/2005
Bromodichloromethane	< 10	10		ppbv	20	11/17/2005
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	11/17/2005
Bromoform	< 10	10		ppbv	20	11/17/2005
Bromomethane	< 10	10		ppbv	20	11/17/2005
Carbon disulfide	12	10		ppbv	20	11/17/2005
Carbon tetrachloride	< 10	10		ppbv	20	11/17/2005
Chlorobenzene	< 10	10		ppbv	20	11/17/2005
Chloroethane	< 10	10		ppbv	20	11/17/2005
Chloroform	< 10	10		ppbv	20	11/17/2005
Chloromethane	< 10	10		ppbv	20	11/17/2005
cis-1,2-Dichloroethene	< 10	10		ppbv	20	11/17/2005
cis-1,3-Dichloropropene	< 10	10		ppbv	20	11/17/2005
Cyclohexane	< 10	10		ppbv	20	11/17/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-17A

Client Sample ID: DUP-02-111605
Tag Number: 01440
Collection Date: 11/16/2005 11:47:00 AM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 10	10		ppbv	20	11/17/2005
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	11/17/2005
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	11/17/2005
Ethyl Acetate	< 10	10		ppbv	20	11/17/2005
Ethylbenzene	< 10	10		ppbv	20	11/17/2005
Heptane	< 10	10		ppbv	20	11/17/2005
Hexachlorobutadiene	< 20	20		ppbv	20	11/17/2005
Hexane	< 10	10		ppbv	20	11/17/2005
m&p-Xylene	< 20	20		ppbv	20	11/17/2005
Methyl tert-butyl ether	< 20	20		ppbv	20	11/17/2005
Methylene chloride	< 10	10		ppbv	20	11/17/2005
o-Xylene	< 10	10		ppbv	20	11/17/2005
Propene (Propylene)	54 J	10	D2	ppbv	20	11/17/2005
Styrene	< 10	10		ppbv	20	11/17/2005
Tetrachloroethene	1200	20	D2	ppbv	40	11/18/2005
Tetrahydrofuran	< 40	40		ppbv	20	11/17/2005
Toluene	< 10	10		ppbv	20	11/17/2005
trans-1,2-Dichloroethene	< 10	10		ppbv	20	11/17/2005
trans-1,3-Dichloropropene	< 10	10		ppbv	20	11/17/2005
Trichloroethene	11	10		ppbv	20	11/17/2005
Trichlorofluoromethane(F-11)	< 10	10		ppbv	20	11/17/2005
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	11/17/2005
Vinyl acetate	< 10	10		ppbv	20	11/17/2005
Vinyl chloride	< 10	10		ppbv	20	11/17/2005
Surr: 4-Bromofluorobenzene	98.5	70-130		%REC	20	11/17/2005
TIC: Difluoroethane	< 100	100	T4	ppbv	20	11/17/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT:	Geomatrix Consultants	**Client Sample ID:**	ASG-6-12
Lab Order:	05111195	**Tag Number:**	00187
Project:	SRP's 16th St. Facility/10108 Task 3	**Collection Date:**	11/16/2005 1:33:00 PM
Lab ID:	05111195-18A	**Matrix:**	AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15				Analyst: SP
1,1,1-Trichloroethane	< 10	10		ppbv	20	11/18/2005
1,1,2,2-Tetrachloroethane	< 10	10		ppbv	20	11/18/2005
1,1,2-Trichloroethane	< 10	10		ppbv	20	11/18/2005
1,1-Dichloroethane	< 10	10		ppbv	20	11/18/2005
1,1-Dichloroethene	< 10	10		ppbv	20	11/18/2005
1,2,4-Trichlorobenzene	< 20	20		ppbv	20	11/18/2005
1,2,4-Trimethylbenzene	< 10	10		ppbv	20	11/18/2005
1,2-Dibromoethane	< 10	10		ppbv	20	11/18/2005
1,2-Dichlorobenzene	< 10	10		ppbv	20	11/18/2005
1,2-Dichloroethane	< 10	10		ppbv	20	11/18/2005
1,2-Dichloropropane	< 10	10		ppbv	20	11/18/2005
1,3,5-Trimethylbenzene	< 10	10		ppbv	20	11/18/2005
1,3-Butadiene	< 10	10		ppbv	20	11/18/2005
1,3-Dichlorobenzene	< 10	10		ppbv	20	11/18/2005
1,4-Dichlorobenzene	< 10	10		ppbv	20	11/18/2005
1,4-Dioxane	< 100	100		ppbv	20	11/18/2005
2,2,4-Trimethylpentane	< 10	10		ppbv	20	11/18/2005
2-Butanone (MEK)	58	20	D2	ppbv	20	11/18/2005
2-Hexanone	< 20	20		ppbv	20	11/18/2005
2-Propanol	< 20	20		ppbv	20	11/18/2005
4-Ethyltoluene	< 10	10		ppbv	20	11/18/2005
4-Methyl-2-pentanone	< 20	20		ppbv	20	11/18/2005
Acetone	230	100	D2	ppbv	20	11/18/2005
Allyl chloride	< 10	10		ppbv	20	11/18/2005
Benzene	< 10	10		ppbv	20	11/18/2005
Benzyl chloride	< 40	40		ppbv	20	11/18/2005
Bromodichloromethane	< 10	10		ppbv	20	11/18/2005
Bromoethene(Vinyl Bromide)	< 10	10		ppbv	20	11/18/2005
Bromoform	< 10	10		ppbv	20	11/18/2005
Bromomethane	< 10	10		ppbv	20	11/18/2005
Carbon disulfide	25 J	10		ppbv	20	11/18/2005
Carbon tetrachloride	< 10	10		ppbv	20	11/18/2005
Chlorobenzene	< 10	10		ppbv	20	11/18/2005
Chloroethane	< 10	10		ppbv	20	11/18/2005
Chloroform	< 10	10		ppbv	20	11/18/2005
Chloromethane	< 10	10		ppbv	20	11/18/2005
cis-1,2-Dichloroethene	< 10	10		ppbv	20	11/18/2005
cis-1,3-Dichloropropene	< 10	10		ppbv	20	11/18/2005
Cyclohexane	< 10	10		ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.

(1) AEL - Tucson Laboratory

(2) AEL - Knudsen Laboratory

(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

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Aerotech Environmental **Analytical Report** **Date:** *30-Nov-05*

CLIENT: Geomatrix Consultants
Lab Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3
Lab ID: 05111195-18A

Client Sample ID: ASG-6-12
Tag Number: 00187
Collection Date: 11/16/2005 1:33:00 PM
Matrix: AIR

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
						Analyst: SP
VOLATILE ORGANICS IN AIR		TO15				
Dibromochloromethane	< 10	10		ppbv	20	11/18/2005
Dichlorodifluoromethane(F-12)	< 10	10		ppbv	20	11/18/2005
Dichlorotetrafluoroethane(F-114)	< 10	10		ppbv	20	11/18/2005
Ethyl Acetate	< 10	10		ppbv	20	11/18/2005
Ethylbenzene	< 10	10		ppbv	20	11/18/2005
Heptane	< 10	10		ppbv	20	11/18/2005
Hexachlorobutadiene	< 20	20		ppbv	20	11/18/2005
Hexane	< 10	10		ppbv	20	11/18/2005
m&p-Xylene	< 20	20		ppbv	20	11/18/2005
Methyl tert-butyl ether	< 20	20		ppbv	20	11/18/2005
Methylene chloride	< 10	10		ppbv	20	11/18/2005
o-Xylene	< 10	10		ppbv	20	11/18/2005
Propene (Propylene)	260	10	D2	ppbv	20	11/18/2005
Styrene	< 10	10		ppbv	20	11/18/2005
Tetrachloroethene	350	10	D2	ppbv	20	11/18/2005
Tetrahydrofuran	< 40	40		ppbv	20	11/18/2005
Toluene	< 10	10		ppbv	20	11/18/2005
trans-1,2-Dichloroethene	< 10	10		ppbv	20	11/18/2005
trans-1,3-Dichloropropene	< 10	10		ppbv	20	11/18/2005
Trichloroethene	< 10	10		ppbv	20	11/18/2005
Trichlorofluoromethane(F-11)	< 10	10		ppbv	20	11/18/2005
Trichlorotrifluoroethane(F-113)	< 10	10		ppbv	20	11/18/2005
Vinyl acetate	< 10	10		ppbv	20	11/18/2005
Vinyl chloride	< 10	10		ppbv	20	11/18/2005
Surr: 4-Bromofluorobenzene	98.9	70-130		%REC	20	11/18/2005
TIC: Difluoroethane	< 100	100	T4	ppbv	20	11/18/2005

Footnotes: All analysis performed at AEL Phoenix laboratory unless indicated by footnotes.
(1) AEL - Tucson Laboratory
(2) AEL - Knudsen Laboratory
(3) The holding time for pH analysis is immediate. For the most accurate result, the pH should be taken in the field within 15 minutes of sampling.

Main Laboratory: 4646 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental Laboratories

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28-Nov-05

Aerotech Environmental

DATES REPORT

Lab Order: 05111195
Client: Geomatrix Consultants
Project: SRP's 16th St. Facility/10108 Task

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
05111195-01A	ASG-1C-05	11/15/2005 10:35:00 AM	Air	Volatile Organics in Air			11/18/2005
05111195-02A	ASG-1-13	11/15/2005 11:10:00 AM		Volatile Organics in Air			11/18/2005
05111195-03A	ASG-4C-05	11/15/2005 11:57:00 AM		Volatile Organics in Air			11/18/2005
				Volatile Organics in Air			11/23/2005
				Volatile Organics in Air			11/24/2005
05111195-04A	ASG-4-13.5	11/15/2005 12:24:00 PM		Volatile Organics in Air			11/18/2005
				Volatile Organics in Air			11/23/2005
05111195-05A	Eblank-01-111505	11/15/2005 1:38:00 PM		Volatile Organics in Air			11/17/2005
05111195-06A	ASG-10C-05	11/15/2005 2:01:00 PM		Volatile Organics in Air			11/18/2005
05111195-07A	ASG-10-15	11/15/2005 2:28:00 PM		Volatile Organics in Air			11/18/2005
05111195-08A	Fblank-01-111505			Volatile Organics in Air			11/17/2005
05111195-09A	ASG-15C-05	11/15/2005 3:23:00 PM		Volatile Organics in Air			11/18/2005
05111195-10A	ASG-15-13	11/15/2005 3:49:00 PM		Volatile Organics in Air			11/18/2005
				Volatile Organics in Air			11/22/2005
05111195-11A	DUP-01-111505	11/15/2005 3:56:00 PM		Volatile Organics in Air			11/18/2005
05111195-12A	ASG-2-15	11/16/2005 8:57:00 AM		Volatile Organics in Air			11/18/2005
05111195-13A	ASG-3-12	11/16/2005 9:38:00 AM		Volatile Organics in Air			11/18/2005
05111195-14A	BASG-1C-05	11/16/2005 10:20:00 AM		Volatile Organics in Air			11/18/2005
05111195-15A	BASG-1-11	11/16/2005 10:49:00 AM		Volatile Organics in Air			11/18/2005
05111195-16A	ASG-5-12	11/16/2005 11:40:00 AM		Volatile Organics in Air			11/18/2005
				Volatile Organics in Air			11/17/2005
05111195-17A	DUP-02-111605	11/16/2005 11:47:00 AM		Volatile Organics in Air			11/18/2005
				Volatile Organics in Air			11/18/2005
05111195-18A	ASG-6-12	11/16/2005 1:33:00 PM		Volatile Organics in Air			

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Date: *28-Nov-05*

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R66922 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798299

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
1,4-Dioxane	< 5.0	5.0									
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Sample ID: MB-R66922 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798299

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 0.50	0.50									
Hexachlorobutadiene	< 1.0	1.0									
Hexane	< 0.50	0.50									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 2.0	2.0									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

Sample ID: MB-R66922 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798299

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.570	0.50	10	0	95.7	70	130				

Sample ID: MB-R67061 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800029

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
1,4-Dioxane	< 5.0	5.0									
2,2,4-Trimethylpentane	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67061 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800029

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 0.50	0.50									
Hexachlorobutadiene	< 1.0	1.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

Sample ID: MB-R67061 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800029

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexane	< 0.50	0.50									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 2.0	2.0									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.600	0.50	10	0	96.0	70	130				

Sample ID: MB-R67134 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800724

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
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Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67134 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800724

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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TestCode: TO15

Sample ID: MB-R67134 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800724

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 1.0	1.0									
Hexachlorobutadiene	< 0.50	0.50									
Hexane	< 1.0	1.0									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 0.50	0.50									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 2.0	2.0									
Tetrahydrofuran	< 0.50	0.50									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.510	0.50	10	0	95.1	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67138 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800746

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67138 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800746

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 1.0	1.0									
Hexachlorobutadiene	< 0.50	0.50									
Hexane	< 1.0	1.0									
m&p-Xylene	< 1.0	1.0									
Methyl tert-butyl ether	< 0.50	0.50									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 2.0	2.0									
Tetrahydrofuran	< 0.50	0.50									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67138 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800746

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.900	0.50	10	0	99.0	70	130				

Sample ID: MB-R67136 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801174

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	< 0.50	0.50									
1,1,2,2-Tetrachloroethane	< 0.50	0.50									
1,1,2-Trichloroethane	< 0.50	0.50									
1,1-Dichloroethane	< 0.50	0.50									
1,1-Dichloroethene	< 0.50	0.50									
1,2,4-Trichlorobenzene	< 1.0	1.0									
1,2,4-Trimethylbenzene	< 0.50	0.50									
1,2-Dibromoethane	< 0.50	0.50									
1,2-Dichlorobenzene	< 0.50	0.50									
1,2-Dichloroethane	< 0.50	0.50									
1,2-Dichloropropane	< 0.50	0.50									
1,3,5-Trimethylbenzene	< 0.50	0.50									
1,3-Butadiene	< 0.50	0.50									
1,3-Dichlorobenzene	< 0.50	0.50									
1,4-Dichlorobenzene	< 0.50	0.50									
1,4-Dioxane	< 5.0	5.0									
2,2,4-Trimethylpentane	< 0.50	0.50									
2-Butanone (MEK)	< 1.0	1.0									
2-Hexanone	< 1.0	1.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67136 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801174

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Propanol	< 1.0	1.0									
4-Ethyltoluene	< 0.50	0.50									
4-Methyl-2-pentanone	< 1.0	1.0									
Acetone	< 5.0	5.0									
Allyl chloride	< 0.50	0.50									
Benzene	< 0.50	0.50									
Benzyl chloride	< 2.0	2.0									
Bromodichloromethane	< 0.50	0.50									
Bromoethene(Vinyl Bromide)	< 0.50	0.50									
Bromoform	< 0.50	0.50									
Bromomethane	< 0.50	0.50									
Carbon disulfide	< 0.50	0.50									
Carbon tetrachloride	< 0.50	0.50									
Chlorobenzene	< 0.50	0.50									
Chloroethane	< 0.50	0.50									
Chloroform	< 0.50	0.50									
Chloromethane	< 0.50	0.50									
cis-1,2-Dichloroethene	< 0.50	0.50									
cis-1,3-Dichloropropene	< 0.50	0.50									
Cyclohexane	< 0.50	0.50									
Dibromochloromethane	< 0.50	0.50									
Dichlorodifluoromethane(F-12)	< 0.50	0.50									
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50									
Ethyl Acetate	< 0.50	0.50									
Ethylbenzene	< 0.50	0.50									
Heptane	< 1.0	1.0									
Hexachlorobutadiene	< 0.50	0.50									
Hexane	< 1.0	1.0									
m&p-Xylene											

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: MB-R67136 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801174

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	< 1.0	1.0									
Methylene chloride	< 0.50	0.50									
o-Xylene	< 0.50	0.50									
Propene (Propylene)	< 0.50	0.50									
Styrene	< 0.50	0.50									
Tetrachloroethene	< 0.50	0.50									
Tetrahydrofuran	< 2.0	2.0									
Toluene	< 0.50	0.50									
trans-1,2-Dichloroethene	< 0.50	0.50									
trans-1,3-Dichloropropene	< 0.50	0.50									
Trichloroethene	< 0.50	0.50									
Trichlorofluoromethane(F-11)	< 0.50	0.50									
Trichlorotrifluoroethane(F-113)	< 0.50	0.50									
Vinyl acetate	< 0.50	0.50									
Vinyl chloride	< 0.50	0.50									
Surr: 4-Bromofluorobenzene	9.560	0.50	10	0	95.6	70	130				

Sample ID: LCS-R66922 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798300

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.300	0.50	10	0	93.0	65	135				
1,1,2,2-Tetrachloroethane	9.520	0.50	10	0	95.2	65	135				
1,1,2-Trichloroethane	8.990	0.50	10	0	89.9	65	135				
1,1-Dichloroethane	8.880	0.50	10	0	88.8	65	135				
1,1-Dichloroethene	9.100	0.50	10	0	91.0	65	135				
1,2,4-Trichlorobenzene	11.13	1.0	10	0	111	65	135				
1,2,4-Trimethylbenzene	10.37	0.50	10	0	104	65	135				
1,2-Dibromoethane	9.200	0.50	10	0	92.0	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R66922 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798300

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	10.17	0.50	10	0	102	65	135				
1,2-Dichloroethane	8.880	0.50	10	0	88.8	65	135				
1,2-Dichloropropane	8.970	0.50	10	0	89.7	65	135				
1,3,5-Trimethylbenzene	9.900	0.50	10	0	99.0	65	135				
1,3-Butadiene	8.270	0.50	10	0	82.7	65	135				
1,3-Dichlorobenzene	9.890	0.50	10	0	98.9	65	135				
1,4-Dichlorobenzene	9.960	0.50	10	0	99.6	65	135				
1,4-Dioxane	8.410	5.0	10	0	84.1	65	135				
2,2,4-Trimethylpentane	9.260	0.50	10	0	92.6	65	135				
2-Butanone (MEK)	9.670	1.0	10	0	96.7	65	135				
2-Hexanone	8.750	1.0	10	0	87.5	65	135				
2-Propanol	9.100	1.0	10	0	91.0	65	135				
4-Ethyltoluene	10.20	0.50	10	0	102	65	135				
4-Methyl-2-pentanone	8.820	1.0	10	0	88.2	65	135				
Acetone	9.190	5.0	10	0	91.9	65	135				
Allyl chloride	9.190	0.50	10	0	91.9	65	135				
Benzene	8.910	0.50	10	0	89.1	65	135				
Benzyl chloride	8.020	2.0	10	0	80.2	65	135				
Bromodichloromethane	8.870	0.50	10	0	88.7	65	135				
Bromoethene(Vinyl Bromide)	8.280	0.50	10	0	82.8	65	135				
Bromoform	9.340	0.50	10	0	93.4	65	135				
Bromomethane	8.250	0.50	10	0	82.5	65	135				
Carbon disulfide	8.400	0.50	10	0	84.0	65	135				
Carbon tetrachloride	9.060	0.50	10	0	90.6	65	135				
Chlorobenzene	9.010	0.50	10	0	90.1	65	135				
Chloroethane	8.190	0.50	10	0	81.9	65	135				
Chloroform	9.120	0.50	10	0	91.2	65	135				
Chloromethane	8.420	0.50	10	0	84.2	65	135				
cis-1,2-Dichloroethene	8.850	0.50	10	0	88.5	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R66922 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798300

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	9.520	0.50	10	0	95.2	65	135				
Cyclohexane	9.290	0.50	10	0	92.9	65	135				
Dibromochloromethane	9.360	0.50	10	0	93.6	65	135				
Dichlorodifluoromethane(F-12)	8.680	0.50	10	0	86.8	65	135				
Dichlorotetrafluoroethane(F-114)	8.420	0.50	10	0	84.2	65	135				
Ethyl Acetate	9.770	0.50	10	0	97.7	65	135				
Ethylbenzene	9.680	0.50	10	0	96.8	65	135				
Heptane	9.100	0.50	10	0	91.0	65	135				
Hexachlorobutadiene	11.22	1.0	10	0	112	65	135				
Hexane	9.050	0.50	10	0	90.5	65	135				
m&p-Xylene	19.05	1.0	20	0	95.2	65	135				
Methyl tert-butyl ether	9.550	1.0	10	0	95.5	65	135				
Methylene chloride	8.370	0.50	10	0	83.7	65	135				
o-Xylene	9.460	0.50	10	0	94.6	65	135				
Propene (Propylene)	8.400	0.50	10	0	84.0	65	135				
Styrene	10.05	0.50	10	0	100	65	135				
Tetrachloroethene	9.740	0.50	10	0	97.4	65	135				
Tetrahydrofuran	9.930	2.0	10	0	99.3	65	135				
Toluene	9.620	0.50	10	0	96.2	65	135				
trans-1,2-Dichloroethene	8.750	0.50	10	0	87.5	65	135				
trans-1,3-Dichloropropene	8.950	0.50	10	0	89.5	65	135				
Trichloroethene	9.530	0.50	10	0	95.3	65	135				
Trichlorofluoromethane(F-11)	8.350	0.50	10	0	83.5	65	135				
Trichlorotrifluoroethane(F-113)	8.610	0.50	10	0	86.1	65	135				
Vinyl acetate	9.390	0.50	10	0	93.9	65	135				
Vinyl chloride	8.320	0.50	10	0	83.2	65	135				
Surr: 4-Bromofluorobenzene	10.31	0.50	10	0	103	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
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Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67061 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800030

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.930	0.50	10	0	89.3	65	135				
1,1,2,2-Tetrachloroethane	8.700	0.50	10	0	87.0	65	135				
1,1,2-Trichloroethane	8.350	0.50	10	0	83.5	65	135				
1,1-Dichloroethane	8.470	0.50	10	0	84.7	65	135				
1,1-Dichloroethene	8.910	0.50	10	0	89.1	65	135				
1,2,4-Trichlorobenzene	9.140	1.0	10	0	91.4	65	135				
1,2,4-Trimethylbenzene	9.380	0.50	10	0	93.8	65	135				
1,2-Dibromoethane	8.660	0.50	10	0	86.6	65	135				
1,2-Dichlorobenzene	9.150	0.50	10	0	91.5	65	135				
1,2-Dichloroethane	8.540	0.50	10	0	85.4	65	135				
1,2-Dichloropropane	8.320	0.50	10	0	83.2	65	135				
1,3,5-Trimethylbenzene	9.090	0.50	10	0	90.9	65	135				
1,3-Butadiene	8.410	0.50	10	0	84.1	65	135				
1,3-Dichlorobenzene	8.830	0.50	10	0	88.3	65	135				
1,4-Dichlorobenzene	8.850	0.50	10	0	88.5	65	135				
1,4-Dioxane	7.570	5.0	10	0	75.7	65	135				
2,2,4-Trimethylpentane	8.570	0.50	10	0	85.7	65	135				
2-Butanone (MEK)	9.170	1.0	10	0	91.7	65	135				
2-Hexanone	7.740	1.0	10	0	77.4	65	135				
2-Propanol	8.250	1.0	10	0	82.5	65	135				
4-Ethyltoluene	9.250	0.50	10	0	92.5	65	135				
4-Methyl-2-pentanone	7.820	1.0	10	0	78.2	65	135				
Acetone	9.110	5.0	10	0	91.1	65	135				
Allyl chloride	8.690	0.50	10	0	86.9	65	135				
Benzene	8.900	0.50	10	0	89.0	65	135				
Benzyl chloride	7.100	2.0	10	0	71.0	65	135				
Bromodichloromethane	8.230	0.50	10	0	82.3	65	135				
Bromoethene(Vinyl Bromide)	8.710	0.50	10	0	87.1	65	135				
Bromoform	8.220	0.50	10	0	82.2	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67061 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800030

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	8.490	0.50	10	0	84.9	65	135				
Carbon disulfide	8.260	0.50	10	0	82.6	65	135				
Carbon tetrachloride	8.550	0.50	10	0	85.5	65	135				
Chlorobenzene	8.410	0.50	10	0	84.1	65	135				
Chloroethane	8.370	0.50	10	0	83.7	65	135				
Chloroform	8.800	0.50	10	0	88.0	65	135				
Chloromethane	8.500	0.50	10	0	85.0	65	135				
cis-1,2-Dichloroethene	8.770	0.50	10	0	87.7	65	135				
cis-1,3-Dichloropropene	8.880	0.50	10	0	88.8	65	135				
Cyclohexane	9.090	0.50	10	0	90.9	65	135				
Dibromochloromethane	8.480	0.50	10	0	84.8	65	135				
Dichlorodifluoromethane(F-12)	8.650	0.50	10	0	86.5	65	135				
Dichlorotetrafluoroethane(F-114)	8.510	0.50	10	0	85.1	65	135				
Ethyl Acetate	9.100	0.50	10	0	91.0	65	135				
Ethylbenzene	9.050	0.50	10	0	90.5	65	135				
Heptane	8.440	0.50	10	0	84.4	65	135				
Hexachlorobutadiene	9.760	1.0	10	0	97.6	65	135				
Hexane	8.800	0.50	10	0	88.0	65	135				
m&p-Xylene	17.49	1.0	20	0	87.5	65	135				
Methyl tert-butyl ether	8.830	1.0	10	0	88.3	65	135				
Methylene chloride	8.090	0.50	10	0	80.9	65	135				
o-Xylene	8.740	0.50	10	0	87.4	65	135				
Propene (Propylene)	8.420	0.50	10	0	84.2	65	135				
Styrene	9.270	0.50	10	0	92.7	65	135				
Tetrachloroethene	8.950	0.50	10	0	89.5	65	135				
Tetrahydrofuran	9.030	2.0	10	0	90.3	65	135				
Toluene	8.900	0.50	10	0	89.0	65	135				
trans-1,2-Dichloroethene	8.490	0.50	10	0	84.9	65	135				
trans-1,3-Dichloropropene	8.460	0.50	10	0	84.6	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67061 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800030

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8.640	0.50	10	0	86.4	65	135				
Trichlorofluoromethane(F-11)	9.310	0.50	10	0	93.1	65	135				
Trichlorotrifluoroethane(F-113)	8.350	0.50	10	0	83.5	65	135				
Vinyl acetate	9.350	0.50	10	0	93.5	65	135				
Vinyl chloride	8.380	0.50	10	0	83.8	65	135				
Surr: 4-Bromofluorobenzene	10.24	0.50	10	0	102	70	130				

Sample ID: LCS-R67134 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800725

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.700	0.50	10	0	97.0	65	135				
1,1,2,2-Tetrachloroethane	9.870	0.50	10	0	98.7	65	135				
1,1,2-Trichloroethane	9.670	0.50	10	0	96.7	65	135				
1,1-Dichloroethane	9.610	0.50	10	0	96.1	65	135				
1,1-Dichloroethene	9.980	0.50	10	0	99.8	65	135				
1,2,4-Trichlorobenzene	11.00	1.0	10	0	110	65	135				
1,2,4-Trimethylbenzene	11.04	0.50	10	0	110	65	135				
1,2-Dibromoethane	10.10	0.50	10	0	101	65	135				
1,2-Dichlorobenzene	10.23	0.50	10	0	102	65	135				
1,2-Dichloroethane	9.750	0.50	10	0	97.5	65	135				
1,2-Dichloropropane	9.710	0.50	10	0	97.1	65	135				
1,3,5-Trimethylbenzene	10.69	0.50	10	0	107	65	135				
1,3-Butadiene	9.300	0.50	10	0	93.0	65	135				
1,3-Dichlorobenzene	10.18	0.50	10	0	102	65	135				
1,4-Dichlorobenzene	10.19	0.50	10	0	102	65	135				
2,2,4-Trimethylpentane	10.14	0.50	10	0	101	65	135				
2-Butanone (MEK)	9.950	1.0	10	0	99.5	65	135				
2-Hexanone	11.67	1.0	10	0	117	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67134 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800725

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Propanol	9.170	1.0	10	0	91.7	65	135				
4-Ethyltoluene	11.02	0.50	10	0	110	65	135				
4-Methyl-2-pentanone	10.90	1.0	10	0	109	65	135				
Acetone	9.140	5.0	10	0	91.4	65	135				
Allyl chloride	10.27	0.50	10	0	103	65	135				
Benzene	9.960	0.50	10	0	99.6	65	135				
Benzyl chloride	10.80	2.0	10	0	108	65	135				
Bromodichloromethane	9.980	0.50	10	0	99.8	65	135				
Bromoethene(Vinyl Bromide)	9.420	0.50	10	0	94.2	65	135				
Bromoform	9.870	0.50	10	0	98.7	65	135				
Bromomethane	9.240	0.50	10	0	92.4	65	135				
Carbon disulfide	9.290	0.50	10	0	92.9	65	135				
Carbon tetrachloride	9.570	0.50	10	0	95.7	65	135				
Chlorobenzene	9.650	0.50	10	0	96.5	65	135				
Chloroethane	9.360	0.50	10	0	93.6	65	135				
Chloroform	9.450	0.50	10	0	94.5	65	135				
Chloromethane	9.270	0.50	10	0	92.7	65	135				
cis-1,2-Dichloroethene	9.880	0.50	10	0	98.8	65	135				
cis-1,3-Dichloropropene	11.30	0.50	10	0	113	65	135				
Cyclohexane	10.75	0.50	10	0	108	65	135				
Dibromochloromethane	9.880	0.50	10	0	98.8	65	135				
Dichlorodifluoromethane(F-12)	9.290	0.50	10	0	92.9	65	135				
Dichlorotetrafluoroethane(F-114)	9.360	0.50	10	0	93.6	65	135				
Ethyl Acetate	10.29	0.50	10	0	103	65	135				
Ethylbenzene	10.70	0.50	10	0	107	65	135				
Heptane	10.03	0.50	10	0	100	65	135				
Hexachlorobutadiene	10.21	1.0	10	0	102	65	135				
Hexane	10.98	0.50	10	0	110	65	135				
m&p-Xylene	21.11	1.0	20	0	106	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67134 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800725

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methyl tert-butyl ether	10.48	1.0	10	0	105	65	135				
Methylene chloride	9.030	0.50	10	0	90.3	65	135				
o-Xylene	10.39	0.50	10	0	104	65	135				
Propene (Propylene)	9.780	0.50	10	0	97.8	65	135				
Styrene	11.30	0.50	10	0	113	65	135				
Tetrachloroethene	10.24	0.50	10	0	102	65	135				
Tetrahydrofuran	10.96	2.0	10	0	110	65	135				
Toluene	10.68	0.50	10	0	107	65	135				
trans-1,2-Dichloroethene	9.700	0.50	10	0	97.0	65	135				
trans-1,3-Dichloropropene	10.94	0.50	10	0	109	65	135				
Trichloroethene	9.930	0.50	10	0	99.3	65	135				
Trichlorofluoromethane(F-11)	9.550	0.50	10	0	95.5	65	135				
Trichlorotrifluoroethane(F-113)	9.390	0.50	10	0	93.9	65	135				
Vinyl acetate	10.48	0.50	10	0	105	65	135				
Vinyl chloride	9.140	0.50	10	0	91.4	65	135				
Surr: 4-Bromofluorobenzene	10.41	0.50	10	0	104	70	130				

Sample ID: LCS-R67138 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800747

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.600	0.50	10	0	86.0	65	135				
1,1,2,2-Tetrachloroethane	9.410	0.50	10	0	94.1	65	135				
1,1,2-Trichloroethane	8.830	0.50	10	0	88.3	65	135				
1,1-Dichloroethane	9.090	0.50	10	0	90.9	65	135				
1,1-Dichloroethene	9.580	0.50	10	0	95.8	65	135				
1,2,4-Trichlorobenzene	8.910	1.0	10	0	89.1	65	135				
1,2,4-Trimethylbenzene	9.700	0.50	10	0	97.0	65	135				
1,2-Dibromoethane	8.780	0.50	10	0	87.8	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67138 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800747

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichlorobenzene	9.130	0.50	10	0	91.3	65	135				
1,2-Dichloroethane	8.350	0.50	10	0	83.5	65	135				
1,2-Dichloropropane	9.370	0.50	10	0	93.7	65	135				
1,3,5-Trimethylbenzene	9.250	0.50	10	0	92.5	65	135				
1,3-Butadiene	8.550	0.50	10	0	85.5	65	135				
1,3-Dichlorobenzene	8.750	0.50	10	0	87.5	65	135				
1,4-Dichlorobenzene	8.710	0.50	10	0	87.1	65	135				
2,2,4-Trimethylpentane	9.340	0.50	10	0	93.4	65	135				
2-Butanone (MEK)	11.00	1.0	10	0	110	65	135				
2-Hexanone	8.410	1.0	10	0	84.1	65	135				
2-Propanol	9.070	1.0	10	0	90.7	65	135				
4-Ethyltoluene	9.550	0.50	10	0	95.5	65	135				
4-Methyl-2-pentanone	8.580	1.0	10	0	85.8	65	135				
Acetone	8.630	5.0	10	0	86.3	65	135				
Allyl chloride	9.970	0.50	10	0	99.7	65	135				
Benzene	10.11	0.50	10	0	101	65	135				
Benzyl chloride	7.230	2.0	10	0	72.3	65	135				
Bromodichloromethane	8.150	0.50	10	0	81.5	65	135				
Bromoethene(Vinyl Bromide)	8.360	0.50	10	0	83.6	65	135				
Bromoform	7.890	0.50	10	0	78.9	65	135				
Bromomethane	8.490	0.50	10	0	84.9	65	135				
Carbon disulfide	9.360	0.50	10	0	93.6	65	135				
Carbon tetrachloride	8.040	0.50	10	0	80.4	65	135				
Chlorobenzene	8.700	0.50	10	0	87.0	65	135				
Chloroethane	8.560	0.50	10	0	85.6	65	135				
Chloroform	8.980	0.50	10	0	89.8	65	135				
Chloromethane	8.410	0.50	10	0	84.1	65	135				
cis-1,2-Dichloroethene	9.550	0.50	10	0	95.5	65	135				
cis-1,3-Dichloropropene	9.290	0.50	10	0	92.9	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67138 | SampType: LCS | TestCode: TO15 | Units: pphv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800747

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyclohexane	10.15	0.50	10	0	102	65	135				
Dibromochloromethane	8.150	0.50	10	0	81.5	65	135				
Dichlorodifluoromethane(F-12)	8.250	0.50	10	0	82.5	65	135				
Dichlorotetrafluoroethane(F-114)	8.480	0.50	10	0	84.8	65	135				
Ethyl Acetate	9.940	0.50	10	0	99.4	65	135				
Ethylbenzene	9.440	0.50	10	0	94.4	65	135				
Heptane	8.480	0.50	10	0	84.8	65	135				
Hexachlorobutadiene	9.230	1.0	10	0	92.3	65	135				
Hexane	9.640	0.50	10	0	96.4	65	135				
m&p-Xylene	18.57	1.0	20	0	92.8	65	135				
Methyl tert-butyl ether	10.00	1.0	10	0	100	65	135				
Methylene chloride	8.540	0.50	10	0	85.4	65	135				
o-Xylene	9.090	0.50	10	0	90.9	65	135				
Propene (Propylene)	9.480	0.50	10	0	94.8	65	135				
Styrene	9.840	0.50	10	0	98.4	65	135				
Tetrachloroethene	8.770	0.50	10	0	87.7	65	135				
Tetrahydrofuran	10.75	2.0	10	0	108	65	135				
Toluene	9.620	0.50	10	0	96.2	65	135				
trans-1,2-Dichloroethene	9.380	0.50	10	0	93.8	65	135				
trans-1,3-Dichloropropene	8.600	0.50	10	0	86.0	65	135				
Trichloroethene	8.930	0.50	10	0	89.3	65	135				
Trichlorofluoromethane(F-11)	7.420	0.50	10	0	74.2	65	135				
Trichlorotrifluoroethane(F-113)	8.680	0.50	10	0	86.8	65	135				
Vinyl acetate	9.970	0.50	10	0	99.7	65	135				
Vinyl chloride	8.890	0.50	10	0	88.9	65	135				
Surr: 4-Bromofluorobenzene	10.15	0.50	10	0	102	70	130				

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67136 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801175

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.440	0.50	10	0	84.4	65	135				
1,1,2,2-Tetrachloroethane	9.470	0.50	10	0	94.7	65	135				
1,1,2-Trichloroethane	8.810	0.50	10	0	88.1	65	135				
1,1-Dichloroethane	9.210	0.50	10	0	92.1	65	135				
1,1-Dichloroethene	9.550	0.50	10	0	95.5	65	135				
1,2,4-Trichlorobenzene	8.600	1.0	10	0	86.0	65	135				
1,2,4-Trimethylbenzene	9.550	0.50	10	0	95.5	65	135				
1,2-Dibromoethane	8.700	0.50	10	0	87.0	65	135				
1,2-Dichlorobenzene	8.780	0.50	10	0	87.8	65	135				
1,2-Dichloroethane	8.010	0.50	10	0	80.1	65	135				
1,2-Dichloropropane	9.720	0.50	10	0	97.2	65	135				
1,3,5-Trimethylbenzene	9.000	0.50	10	0	90.0	65	135				
1,3-Butadiene	9.010	0.50	10	0	90.1	65	135				
1,3-Dichlorobenzene	8.490	0.50	10	0	84.9	65	135				
1,4-Dichlorobenzene	8.340	0.50	10	0	83.4	65	135				
1,4-Dioxane	11.19	5.0	10	0	112	65	135				
2,2,4-Trimethylpentane	9.420	0.50	10	0	94.2	65	135				
2-Butanone (MEK)	11.27	1.0	10	0	113	65	135				
2-Hexanone	10.50	1.0	10	0	105	65	135				
2-Propanol	9.160	1.0	10	0	91.6	65	135				
4-Ethyltoluene	9.460	0.50	10	0	94.6	65	135				
4-Methyl-2-pentanone	10.84	1.0	10	0	108	65	135				
Acetone	9.180	5.0	10	0	91.8	65	135				
Allyl chloride	10.90	0.50	10	0	109	65	135				
Benzene	10.44	0.50	10	0	104	65	135				
Benzyl chloride	7.200	2.0	10	0	72.0	65	135				
Bromodichloromethane	8.120	0.50	10	0	81.2	65	135				
Bromoethene(Vinyl Bromide)	8.950	0.50	10	0	89.5	65	135				
Bromoform	7.710	0.50	10	0	77.1	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67136 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801175

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	8.900	0.50	10	0	89.0	65	135				
Carbon disulfide	9.740	0.50	10	0	97.4	65	135				
Carbon tetrachloride	7.730	0.50	10	0	77.3	65	135				
Chlorobenzene	8.580	0.50	10	0	85.8	65	135				
Chloroethane	9.310	0.50	10	0	93.1	65	135				
Chloroform	9.040	0.50	10	0	90.4	65	135				
Chloromethane	8.840	0.50	10	0	88.4	65	135				
cis-1,2-Dichloroethene	9.640	0.50	10	0	96.4	65	135				
cis-1,3-Dichloropropene	9.700	0.50	10	0	97.0	65	135				
Cyclohexane	10.46	0.50	10	0	105	65	135				
Dibromochloromethane	7.950	0.50	10	0	79.5	65	135				
Dichlorodifluoromethane(F-12)	8.330	0.50	10	0	83.3	65	135				
Dichlorotetrafluoroethane(F-114)	8.760	0.50	10	0	87.6	65	135				
Ethyl Acetate	9.860	0.50	10	0	98.6	65	135				
Ethylbenzene	9.580	0.50	10	0	95.8	65	135				
Heptane	8.240	0.50	10	0	82.4	65	135				
Hexachlorobutadiene	8.720	1.0	10	0	87.2	65	135				
Hexane	10.12	0.50	10	0	101	65	135				
m&p-Xylene	18.50	1.0	20	0	92.5	65	135				
Methyl tert-butyl ether	10.11	1.0	10	0	101	65	135				
Methylene chloride	8.480	0.50	10	0	84.8	65	135				
o-Xylene	8.910	0.50	10	0	89.1	65	135				
Propene (Propylene)	10.07	0.50	10	0	101	65	135				
Styrene	9.740	0.50	10	0	97.4	65	135				
Tetrachloroethene	8.550	0.50	10	0	85.5	65	135				
Tetrahydrofuran	10.78	2.0	10	0	108	65	135				
Toluene	9.700	0.50	10	0	97.0	65	135				
trans-1,2-Dichloroethene	9.370	0.50	10	0	93.7	65	135				
trans-1,3-Dichloropropene	8.820	0.50	10	0	88.2	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCS-R67136 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801175

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8.710	0.50	10	0	87.1	65	135				
Trichlorofluoromethane(F-11)	7.870	0.50	10	0	78.7	65	135				
Trichlorotrifluoroethane(F-113)	8.650	0.50	10	0	86.5	65	135				
Vinyl acetate	10.17	0.50	10	0	102	65	135				
Vinyl chloride	9.630	0.50	10	0	96.3	65	135				
Surr: 4-Bromofluorobenzene	10.23	0.50	10	0	102	70	130				

Sample ID: LCSD-R66922 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798358

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.060	0.50	10	0	90.6	65	135	9.300	2.61	25	
1,1,2,2-Tetrachloroethane	8.900	0.50	10	0	89.0	65	135	9.520	6.73	25	
1,1,2-Trichloroethane	8.740	0.50	10	0	87.4	65	135	8.990	2.82	25	
1,1-Dichloroethane	8.440	0.50	10	0	84.4	65	135	8.880	5.08	25	
1,1-Dichloroethene	9.120	0.50	10	0	91.2	65	135	9.100	0.220	25	
1,2,4-Trichlorobenzene	9.890	1.0	10	0	98.9	65	135	11.13	11.8	25	
1,2,4-Trimethylbenzene	9.860	0.50	10	0	98.6	65	135	10.37	5.04	25	
1,2-Dibromoethane	8.920	0.50	10	0	89.2	65	135	9.200	3.09	25	
1,2-Dichlorobenzene	9.790	0.50	10	0	97.9	65	135	10.17	3.81	25	
1,2-Dichloroethane	8.630	0.50	10	0	86.3	65	135	8.880	2.86	25	
1,2-Dichloropropane	8.500	0.50	10	0	85.0	65	135	8.970	5.38	25	
1,3,5-Trimethylbenzene	9.450	0.50	10	0	94.5	65	135	9.900	4.65	25	
1,3-Butadiene	8.420	0.50	10	0	84.2	65	135	8.270	1.80	25	
1,3-Dichlorobenzene	9.410	0.50	10	0	94.1	65	135	9.890	4.97	25	
1,4-Dichlorobenzene	9.340	0.50	10	0	93.4	65	135	9.960	6.42	25	
1,4-Dioxane	8.840	5.0	10	0	88.4	65	135	8.410	0	25	
2,2,4-Trimethylpentane	8.830	0.50	10	0	88.3	65	135	9.260	4.75	25	
2-Butanone (MEK)	9.560	1.0	10	0	95.6	65	135	9.670	1.14	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R66922 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798358

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	9.370	1.0	10	0	93.7	65	135	8.750	6.84	25	
2-Propanol	9.540	1.0	10	0	95.4	65	135	9.100	4.72	25	
4-Ethyltoluene	9.580	0.50	10	0	95.8	65	135	10.20	6.27	25	
4-Methyl-2-pentanone	9.430	1.0	10	0	94.3	65	135	8.820	6.68	25	
Acetone	8.710	5.0	10	0	87.1	65	135	9.190	5.36	25	
Allyl chloride	8.800	0.50	10	0	88.0	65	135	9.190	4.34	25	
Benzene	8.630	0.50	10	0	86.3	65	135	8.910	3.19	25	
Benzyl chloride	7.430	2.0	10	0	74.3	65	135	8.020	7.64	25	
Bromodichloromethane	8.620	0.50	10	0	86.2	65	135	8.870	2.86	25	
Bromoethene(Vinyl Bromide)	8.530	0.50	10	0	85.3	65	135	8.280	2.97	25	
Bromoform	8.970	0.50	10	0	89.7	65	135	9.340	4.04	25	
Bromomethane	8.600	0.50	10	0	86.0	65	135	8.250	4.15	25	
Carbon disulfide	8.260	0.50	10	0	82.6	65	135	8.400	1.68	25	
Carbon tetrachloride	8.690	0.50	10	0	86.9	65	135	9.060	4.17	25	
Chlorobenzene	8.690	0.50	10	0	86.9	65	135	9.010	3.62	25	
Chloroethane	8.360	0.50	10	0	83.6	65	135	8.190	2.05	25	
Chloroform	8.870	0.50	10	0	88.7	65	135	9.120	2.78	25	
Chloromethane	8.250	0.50	10	0	82.5	65	135	8.420	2.04	25	
cis-1,2-Dichloroethene	8.550	0.50	10	0	85.5	65	135	8.850	3.45	25	
cis-1,3-Dichloropropene	8.070	0.50	10	0	80.7	65	135	9.520	16.5	25	
Cyclohexane	9.050	0.50	10	0	90.5	65	135	9.290	2.62	25	
Dibromochloromethane	8.830	0.50	10	0	88.3	65	135	9.360	5.83	25	
Dichlorodifluoromethane(F-12)	7.960	0.50	10	0	79.6	65	135	8.680	8.65	25	
Dichlorotetrafluoroethane(F-114)	8.190	0.50	10	0	81.9	65	135	8.420	2.77	25	
Ethyl Acetate	9.440	0.50	10	0	94.4	65	135	9.770	3.44	25	
Ethylbenzene	9.250	0.50	10	0	92.5	65	135	9.680	4.54	25	
Heptane	8.710	0.50	10	0	87.1	65	135	9.100	4.38	25	
Hexachlorobutadiene	10.93	1.0	10	0	109	65	135	11.22	2.62	25	
Hexane	8.690	0.50	10	0	86.9	65	135	9.050	4.06	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R66922 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 66922
Client ID: | Batch ID: R66922 | TestNo: TO15 | Analysis Date: 11/17/2005 | SeqNo: 798358

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	18.33	1.0	20	0	91.7	65	135	19.05	3.85	25	
Methyl tert-butyl ether	9.570	1.0	10	0	95.7	65	135	9.550	0.209	25	
Methylene chloride	8.200	0.50	10	0	82.0	65	135	8.370	2.05	25	
o-Xylene	9.230	0.50	10	0	92.3	65	135	9.460	2.46	25	
Propene (Propylene)	7.660	0.50	10	0	76.6	65	135	8.400	9.22	25	
Styrene	9.550	0.50	10	0	95.5	65	135	10.05	5.10	25	
Tetrachloroethene	9.280	0.50	10	0	92.8	65	135	9.740	4.84	25	
Tetrahydrofuran	10.07	2.0	10	0	101	65	135	9.930	1.40	25	
Toluene	9.090	0.50	10	0	90.9	65	135	9.620	5.67	25	
trans-1,2-Dichloroethene	8.640	0.50	10	0	86.4	65	135	8.750	1.27	25	
trans-1,3-Dichloropropene	8.580	0.50	10	0	85.8	65	135	8.950	4.22	25	
Trichloroethene	9.200	0.50	10	0	92.0	65	135	9.530	3.52	25	
Trichlorofluoromethane(F-11)	9.030	0.50	10	0	90.3	65	135	8.350	7.83	25	
Trichlorotrifluoroethane(F-113)	8.440	0.50	10	0	84.4	65	135	8.610	1.99	25	
Vinyl acetate	9.080	0.50	10	0	90.8	65	135	9.390	3.36	25	
Vinyl chloride	8.150	0.50	10	0	81.5	65	135	8.320	2.06	25	
Surr: 4-Bromofluorobenzene	10.36	0.50	10	0	104	70	130	10.31	0	0	

Sample ID: LCSD-R67061 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800031

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.640	0.50	10	0	86.4	65	135	8.930	3.30	25	
1,1,2,2-Tetrachloroethane	8.730	0.50	10	0	87.3	65	135	8.700	0.344	25	
1,1,2-Trichloroethane	8.550	0.50	10	0	85.5	65	135	8.350	2.37	25	
1,1-Dichloroethane	8.390	0.50	10	0	83.9	65	135	8.470	0.949	25	
1,1-Dichloroethene	8.710	0.50	10	0	87.1	65	135	8.910	2.27	25	
1,2,4-Trichlorobenzene	8.990	1.0	10	0	89.9	65	135	9.140	1.65	25	
1,2,4-Trimethylbenzene	9.640	0.50	10	0	96.4	65	135	9.380	2.73	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67061 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67061
Client ID: | Batch ID: R67061 | TestNo: TO15 | Analysis Date: 11/18/2005 | SeqNo: 800031

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	8.670	0.50	10	0	86.7	65	135	8.660	0.115	25	
1,2-Dichlorobenzene	10.10	0.50	10	0	101	65	135	9.150	9.87	25	
1,2-Dichloroethane	8.280	0.50	10	0	82.8	65	135	8.540	3.09	25	
1,2-Dichloropropane	8.480	0.50	10	0	84.8	65	135	8.320	1.90	25	
1,3,5-Trimethylbenzene	9.190	0.50	10	0	91.9	65	135	9.090	1.09	25	
1,3-Butadiene	8.470	0.50	10	0	84.7	65	135	8.410	0.711	25	
1,3-Dichlorobenzene	9.140	0.50	10	0	91.4	65	135	8.830	3.45	25	
1,4-Dichlorobenzene	9.520	0.50	10	0	95.2	65	135	8.850	7.29	25	
1,4-Dioxane	7.600	5.0	10	0	76.0	65	135	7.570	0.396	25	
2,2,4-Trimethylpentane	8.720	0.50	10	0	87.2	65	135	8.570	1.74	25	
2-Butanone (MEK)	9.280	1.0	10	0	92.8	65	135	9.170	1.19	25	
2-Hexanone	7.830	1.0	10	0	78.3	65	135	7.740	1.16	25	
2-Propanol	8.640	0.50	10	0	86.4	65	135	8.250	4.62	25	
4-Ethyltoluene	9.370	1.0	10	0	93.7	65	135	9.250	1.29	25	
4-Methyl-2-pentanone	8.410	5.0	10	0	84.1	65	135	7.820	7.27	25	
Acetone	9.070	0.50	10	0	90.7	65	135	9.110	0.440	25	
Allyl chloride	8.830	0.50	10	0	88.3	65	135	8.690	1.60	25	
Benzene	8.800	0.50	10	0	88.0	65	135	8.900	1.13	25	
Benzyl chloride	7.300	2.0	10	0	73.0	65	135	7.100	2.78	25	
Bromodichloromethane	8.220	0.50	10	0	82.2	65	135	8.230	0.122	25	
Bromoethene(Vinyl Bromide)	8.630	0.50	10	0	86.3	65	135	8.710	0.923	25	
Bromoform	8.380	0.50	10	0	83.8	65	135	8.220	1.93	25	
Bromomethane	8.470	0.50	10	0	84.7	65	135	8.490	0.236	25	
Carbon disulfide	8.020	0.50	10	0	80.2	65	135	8.260	2.95	25	
Carbon tetrachloride	8.290	0.50	10	0	82.9	65	135	8.550	3.09	25	
Chlorobenzene	8.380	0.50	10	0	83.8	65	135	8.410	0.357	25	
Chloroethane	8.340	0.50	10	0	83.4	65	135	8.370	0.359	25	
Chloroform	8.630	0.50	10	0	86.3	65	135	8.800	1.95	25	
Chloromethane	8.340	0.50	10	0	83.4	65	135	8.500	1.90	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67061 SampType: LCSD TestCode: TO15 Units: ppbv Prep Date: RunNo: 67061
Client ID: Batch ID: R67061 TestNo: TO15 Analysis Date: 11/18/2005 SeqNo: 800031

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	8.590	0.50	10	0	85.9	65	135	8.770	2.07	25	
cis-1,3-Dichloropropene	8.920	0.50	10	0	89.2	65	135	8.880	0.449	25	
Cyclohexane	8.830	0.50	10	0	88.3	65	135	9.090	2.90	25	
Dibromochloromethane	8.500	0.50	10	0	85.0	65	135	8.480	0.236	25	
Dichlorodifluoromethane(F-12)	8.100	0.50	10	0	81.0	65	135	8.650	6.57	25	
Dichlorotetrafluoroethane(F-114)	8.290	0.50	10	0	82.9	65	135	8.510	2.62	25	
Ethyl Acetate	9.300	0.50	10	0	93.0	65	135	9.100	2.17	25	
Ethylbenzene	8.930	0.50	10	0	89.3	65	135	9.050	1.33	25	
Heptane	8.500	0.50	10	0	85.0	65	135	8.440	0.708	25	
Hexachlorobutadiene	9.810	1.0	10	0	98.1	65	135	9.760	0.511	25	
Hexane	8.670	0.50	10	0	86.7	65	135	8.800	1.49	25	
m&p-Xylene	17.60	1.0	20	0	88.0	65	135	17.49	0.627	25	
Methyl tert-butyl ether	9.260	1.0	10	0	92.6	65	135	8.830	4.75	25	
Methylene chloride	8.010	0.50	10	0	80.1	65	135	8.090	0.994	25	
o-Xylene	8.790	0.50	10	0	87.9	65	135	8.740	0.570	25	
Propene (Propylene)	8.300	0.50	10	0	83.0	65	135	8.420	1.44	25	
Styrene	9.330	0.50	10	0	93.3	65	135	9.270	0.645	25	
Tetrachloroethene	9.000	0.50	10	0	90.0	65	135	8.950	0.557	25	
Tetrahydrofuran	9.420	2.0	10	0	94.2	65	135	9.030	4.23	25	
Toluene	8.960	0.50	10	0	89.6	65	135	8.900	0.672	25	
trans-1,2-Dichloroethene	8.430	0.50	10	0	84.3	65	135	8.490	0.709	25	
trans-1,3-Dichloropropene	8.410	0.50	10	0	84.1	65	135	8.460	0.593	25	
Trichloroethene	9.010	0.50	10	0	90.1	65	135	8.640	4.19	25	
Trichlorofluoromethane(F-11)	9.050	0.50	10	0	90.5	65	135	9.310	2.83	25	
Trichlorotrifluoroethane(F-113)	8.070	0.50	10	0	80.7	65	135	8.350	3.41	25	
Vinyl acetate	9.120	0.50	10	0	91.2	65	135	9.350	2.49	25	
Vinyl chloride	8.250	0.50	10	0	82.5	65	135	8.380	1.56	25	
Surr: 4-Bromofluorobenzene	10.38	0.50	10	0	104	70	130	10.24	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67134 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800726

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.820	0.50	10	0	98.2	65	135	9.700	1.23	25	
1,1,2,2-Tetrachloroethane	9.930	0.50	10	0	99.3	65	135	9.870	0.606	25	
1,1,2-Trichloroethane	9.780	0.50	10	0	97.8	65	135	9.670	1.13	25	
1,1-Dichloroethane	9.740	0.50	10	0	97.4	65	135	9.610	1.34	25	
1,1-Dichloroethene	10.31	0.50	10	0	103	65	135	9.980	3.25	25	
1,2,4-Trichlorobenzene	11.21	1.0	10	0	112	65	135	11.00	1.89	25	
1,2,4-Trimethylbenzene	11.08	0.50	10	0	111	65	135	11.04	0.362	25	
1,2-Dibromoethane	10.18	0.50	10	0	102	65	135	10.10	0.789	25	
1,2-Dichlorobenzene	10.33	0.50	10	0	103	65	135	10.23	0.973	25	
1,2-Dichloroethane	9.810	0.50	10	0	98.1	65	135	9.750	0.613	25	
1,2-Dichloropropane	9.900	0.50	10	0	99.0	65	135	9.710	1.94	25	
1,3,5-Trimethylbenzene	10.71	0.50	10	0	107	65	135	10.69	0.187	25	
1,3-Butadiene	9.540	0.50	10	0	95.4	65	135	9.300	2.55	25	
1,3-Dichlorobenzene	10.24	0.50	10	0	102	65	135	10.18	0.588	25	
1,4-Dichlorobenzene	10.27	0.50	10	0	103	65	135	10.19	0.782	25	
2,2,4-Trimethylpentane	10.27	0.50	10	0	103	65	135	10.14	1.27	25	
2-Butanone (MEK)	10.15	1.0	10	0	102	65	135	9.950	1.99	25	
2-Hexanone	12.14	1.0	10	0	121	65	135	11.67	3.95	25	
2-Propanol	9.620	1.0	10	0	96.2	65	135	9.170	4.79	25	
4-Ethyltoluene	11.07	0.50	10	0	111	65	135	11.02	0.453	25	
4-Methyl-2-pentanone	11.06	1.0	10	0	111	65	135	10.90	1.46	25	
Acetone	9.430	5.0	10	0	94.3	65	135	9.140	3.12	25	
Allyl chloride	10.46	0.50	10	0	105	65	135	10.27	1.83	25	
Benzene	10.22	0.50	10	0	102	65	135	9.960	2.58	25	
Benzyl chloride	10.98	2.0	10	0	110	65	135	10.80	1.65	25	
Bromodichloromethane	10.00	0.50	10	0	100	65	135	9.980	0.200	25	
Bromoethene(Vinyl Bromide)	9.550	0.50	10	0	95.5	65	135	9.420	1.37	25	
Bromoform	9.860	0.50	10	0	98.6	65	135	9.870	0.101	25	
Bromomethane	9.420	0.50	10	0	94.2	65	135	9.240	1.93	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67134 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800726

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Carbon disulfide	9.430	0.50	10	0	94.3	65	135	9.290	1.50	25	
Carbon tetrachloride	9.600	0.50	10	0	96.0	65	135	9.570	0.313	25	
Chlorobenzene	9.680	0.50	10	0	96.8	65	135	9.650	0.310	25	
Chloroethane	9.570	0.50	10	0	95.7	65	135	9.360	2.22	25	
Chloroform	9.560	0.50	10	0	95.6	65	135	9.450	1.16	25	
Chloromethane	9.270	0.50	10	0	92.7	65	135	9.270	0	25	
cis-1,2-Dichloroethene	10.16	0.50	10	0	102	65	135	9.880	2.79	25	
cis-1,3-Dichloropropene	11.58	0.50	10	0	116	65	135	11.30	2.45	25	
Cyclohexane	10.96	0.50	10	0	110	65	135	10.75	1.93	25	
Dibromochloromethane	9.900	0.50	10	0	99.0	65	135	9.880	0.202	25	
Dichlorodifluoromethane(F-12)	9.350	0.50	10	0	93.5	65	135	9.290	0.644	25	
Dichlorotetrafluoroethane(F-114)	9.350	0.50	10	0	93.5	65	135	9.360	0.107	25	
Ethyl Acetate	10.74	0.50	10	0	107	65	135	10.29	4.28	25	
Ethylbenzene	10.85	0.50	10	0	108	65	135	10.70	1.39	25	
Heptane	10.09	0.50	10	0	101	65	135	10.03	0.596	25	
Hexachlorobutadiene	10.08	1.0	10	0	101	65	135	10.21	1.28	25	
Hexane	11.36	0.50	10	0	114	65	135	10.98	3.40	25	
m&p-Xylene	21.28	1.0	20	0	106	65	135	21.11	0.802	25	
Methyl tert-butyl ether	10.85	1.0	10	0	108	65	135	10.48	3.47	25	
Methylene chloride	9.150	0.50	10	0	91.5	65	135	9.030	1.32	25	
o-Xylene	10.46	0.50	10	0	105	65	135	10.39	0.671	25	
Propene (Propylene)	10.23	0.50	10	0	102	65	135	9.780	4.50	25	
Styrene	11.40	0.50	10	0	114	65	135	11.30	0.881	25	
Tetrachloroethene	10.36	0.50	10	0	104	65	135	10.24	1.17	25	
Tetrahydrofuran	11.34	2.0	10	0	113	65	135	10.96	3.41	25	
Toluene	10.76	0.50	10	0	108	65	135	10.68	0.746	25	
trans-1,2-Dichloroethene	10.00	0.50	10	0	100	65	135	9.700	3.05	25	
trans-1,3-Dichloropropene	11.06	0.50	10	0	111	65	135	10.94	1.09	25	
Trichloroethene	10.03	0.50	10	0	100	65	135	9.930	1.00	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67134 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67134
Client ID: | Batch ID: R67134 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 800726

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane(F-11)	9.520	0.50	10	0	95.2	65	135	9.550	0.315	25	
Trichlorotrifluoroethane(F-113)	9.520	0.50	10	0	95.2	65	135	9.390	1.37	25	
Vinyl acetate	11.01	0.50	10	0	110	65	135	10.48	4.93	25	
Vinyl chloride	9.360	0.50	10	0	93.6	65	135	9.140	2.38	25	
Surr: 4-Bromofluorobenzene	10.32	0.50	10	0	103	70	130	10.41	0	0	

Sample ID: LCSD-R67138 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800748

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.880	0.50	10	0	88.8	65	135	8.600	3.20	25	
1,1,2,2-Tetrachloroethane	9.540	0.50	10	0	95.4	65	135	9.410	1.37	25	
1,1,2-Trichloroethane	8.970	0.50	10	0	89.7	65	135	8.830	1.57	25	
1,1-Dichloroethane	9.240	0.50	10	0	92.4	65	135	9.090	1.64	25	
1,1-Dichloroethene	9.630	0.50	10	0	96.3	65	135	9.580	0.521	25	
1,2,4-Trichlorobenzene	8.900	1.0	10	0	89.0	65	135	8.910	0.112	25	
1,2,4-Trimethylbenzene	9.670	0.50	10	0	96.7	65	135	9.700	0.310	25	
1,2-Dibromoethane	8.900	0.50	10	0	89.0	65	135	8.780	1.36	25	
1,2-Dichlorobenzene	9.150	0.50	10	0	91.5	65	135	9.130	0.219	25	
1,2-Dichloroethane	8.410	0.50	10	0	84.1	65	135	8.350	0.716	25	
1,2-Dichloropropane	9.460	0.50	10	0	94.6	65	135	9.370	0.956	25	
1,3,5-Trimethylbenzene	9.340	0.50	10	0	93.4	65	135	9.250	0.968	25	
1,3-Butadiene	8.730	0.50	10	0	87.3	65	135	8.550	2.08	25	
1,3-Dichlorobenzene	8.850	0.50	10	0	88.5	65	135	8.750	1.14	25	
1,4-Dichlorobenzene	8.820	0.50	10	0	88.2	65	135	8.710	1.25	25	
2,2,4-Trimethylpentane	9.480	0.50	10	0	94.8	65	135	9.340	1.49	25	
2-Butanone (MEK)	10.91	1.0	10	0	109	65	135	11.00	0.822	25	
2-Hexanone	7.550	1.0	10	0	75.5	65	135	8.410	10.8	25	
2-Propanol	8.930	1.0	10	0	89.3	65	135	9.070	1.56	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67138 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800748

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Ethyltoluene	9.620	0.50	10	0	96.2	65	135	9.550	0.730	25	
4-Methyl-2-pentanone	7.660	1.0	10	0	76.6	65	135	8.580	11.3	25	
Acetone	8.300	5.0	10	0	83.0	65	135	8.630	3.90	25	
Allyl chloride	10.36	0.50	10	0	104	65	135	9.970	3.84	25	
Benzene	10.35	0.50	10	0	104	65	135	10.11	2.35	25	
Benzyl chloride	7.410	2.0	10	0	74.1	65	135	7.230	2.46	25	
Bromodichloromethane	8.360	0.50	10	0	83.6	65	135	8.150	2.54	25	
Bromoethene(Vinyl Bromide)	8.240	0.50	10	0	82.4	65	135	8.360	1.45	25	
Bromoform	8.090	0.50	10	0	80.9	65	135	7.890	2.50	25	
Bromomethane	8.270	0.50	10	0	82.7	65	135	8.490	2.63	25	
Carbon disulfide	9.580	0.50	10	0	95.8	65	135	9.360	2.32	25	
Carbon tetrachloride	8.210	0.50	10	0	82.1	65	135	8.040	2.09	25	
Chlorobenzene	8.730	0.50	10	0	87.3	65	135	8.700	0.344	25	
Chloroethane	8.650	0.50	10	0	86.5	65	135	8.560	1.05	25	
Chloroform	9.230	0.50	10	0	92.3	65	135	8.980	2.75	25	
Chloromethane	8.450	0.50	10	0	84.5	65	135	8.410	0.474	25	
cis-1,2-Dichloroethene	9.760	0.50	10	0	97.6	65	135	9.550	2.18	25	
cis-1,3-Dichloropropene	9.380	0.50	10	0	93.8	65	135	9.290	0.964	25	
Cyclohexane	10.36	0.50	10	0	104	65	135	10.15	2.05	25	
Dibromochloromethane	8.400	0.50	10	0	84.0	65	135	8.150	3.02	25	
Dichlorodifluoromethane(F-12)	8.480	0.50	10	0	84.8	65	135	8.250	2.75	25	
Dichlorotetrafluoroethane(F-114)	8.530	0.50	10	0	85.3	65	135	8.480	0.588	25	
Ethyl Acetate	9.840	0.50	10	0	98.4	65	135	9.940	1.01	25	
Ethylbenzene	9.500	0.50	10	0	95.0	65	135	9.440	0.634	25	
Heptane	8.550	0.50	10	0	85.5	65	135	8.480	0.822	25	
Hexachlorobutadiene	9.210	1.0	10	0	92.1	65	135	9.230	0.217	25	
Hexane	9.840	0.50	10	0	98.4	65	135	9.640	2.05	25	
m&p-Xylene	19.03	1.0	20	0	95.2	65	135	18.57	2.45	25	
Methyl tert-butyl ether	9.630	1.0	10	0	96.3	65	135	10.00	3.77	25	

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

Sample ID: LCSD-R67138 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67138
Client ID: | Batch ID: R67138 | TestNo: TO15 | Analysis Date: 11/23/2005 | SeqNo: 800748

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Methylene chloride	8.620	0.50	10	0	86.2	65	135	8.540	0.932	25	
o-Xylene	9.080	0.50	10	0	90.8	65	135	9.090	0.110	25	
Propene (Propylene)	9.750	0.50	10	0	97.5	65	135	9.480	2.81	25	
Styrene	9.790	0.50	10	0	97.9	65	135	9.840	0.509	25	
Tetrachloroethene	8.920	0.50	10	0	89.2	65	135	8.770	1.70	25	
Tetrahydrofuran	10.41	2.0	10	0	104	65	135	10.75	3.21	25	
Toluene	9.640	0.50	10	0	96.4	65	135	9.620	0.208	25	
trans-1,2-Dichloroethene	9.440	0.50	10	0	94.4	65	135	9.380	0.638	25	
trans-1,3-Dichloropropene	8.860	0.50	10	0	88.6	65	135	8.600	2.98	25	
Trichloroethene	9.030	0.50	10	0	90.3	65	135	8.930	1.11	25	
Trichlorofluoromethane(F-11)	7.290	0.50	10	0	72.9	65	135	7.420	1.77	25	
Trichlorotrifluoroethane(F-113)	8.690	0.50	10	0	86.9	65	135	8.680	0.115	25	
Vinyl acetate	10.25	0.50	10	0	103	65	135	9.970	2.77	25	
Vinyl chloride	8.900	0.50	10	0	89.0	65	135	8.890	0.112	25	
Surr: 4-Bromofluorobenzene	10.25	0.50	10	0	103	70	130	10.15	0	0	

Sample ID: LCSD-R67136 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.460	0.50	10	0	84.6	65	135	8.440	0.237	25	
1,1,2,2-Tetrachloroethane	9.630	0.50	10	0	96.3	65	135	9.470	1.68	25	
1,1,2-Trichloroethane	9.010	0.50	10	0	90.1	65	135	8.810	2.24	25	
1,1-Dichloroethane	9.130	0.50	10	0	91.3	65	135	9.210	0.872	25	
1,1-Dichloroethene	9.430	0.50	10	0	94.3	65	135	9.550	1.26	25	
1,2,4-Trichlorobenzene	9.140	1.0	10	0	91.4	65	135	8.600	6.09	25	
1,2,4-Trimethylbenzene	9.680	0.50	10	0	96.8	65	135	9.550	1.35	25	
1,2-Dibromoethane	8.880	0.50	10	0	88.8	65	135	8.700	2.05	25	
1,2-Dichlorobenzene	9.030	0.50	10	0	90.3	65	135	8.780	2.81	25	

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID: **LCSD-R67136** SampType: **LCSD** TestCode: TO15 Units: ppbv Prep Date: RunNo: **67136**
Client ID: Batch ID: R67136 TestNo: TO15 Analysis Date: **11/22/2005** SeqNo: **801176**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane	8.060	0.50	10	0	80.6	65	135	8.010	0.622	25	
1,2-Dichloropropane	9.690	0.50	10	0	96.9	65	135	9.720	0.309	25	
1,3,5-Trimethylbenzene	9.210	0.50	10	0	92.1	65	135	9.000	2.31	25	
1,3-Butadiene	8.720	0.50	10	0	87.2	65	135	9.010	3.27	25	
1,3-Dichlorobenzene	8.780	0.50	10	0	87.8	65	135	8.490	3.36	25	
1,4-Dichlorobenzene	8.670	0.50	10	0	86.7	65	135	8.340	3.88	25	
2,2,4-Trimethylpentane	9.530	0.50	10	0	95.3	65	135	9.420	1.16	25	
2-Butanone (MEK)	11.43	1.0	10	0	114	65	135	11.27	1.41	25	
2-Hexanone	10.09	1.0	10	0	101	65	135	10.50	3.98	25	
2-Propanol	9.410	1.0	10	0	94.1	65	135	9.160	2.69	25	
4-Ethyltoluene	9.590	0.50	10	0	95.9	65	135	9.460	1.36	25	
4-Methyl-2-pentanone	9.750	1.0	10	0	97.5	65	135	10.84	10.6	25	
Acetone	9.740	5.0	10	0	97.4	65	135	9.180	5.92	25	
Allyl chloride	10.55	0.50	10	0	106	65	135	10.90	3.26	25	
Benzene	10.45	0.50	10	0	104	65	135	10.44	0.0957	25	
Benzyl chloride	7.660	2.0	10	0	76.6	65	135	7.200	6.19	25	
Bromodichloromethane	8.210	0.50	10	0	82.1	65	135	8.120	1.10	25	
Bromoethene(Vinyl Bromide)	8.860	0.50	10	0	88.6	65	135	8.950	1.01	25	
Bromoform	7.910	0.50	10	0	79.1	65	135	7.710	2.56	25	
Bromomethane	8.720	0.50	10	0	87.2	65	135	8.900	2.04	25	
Carbon disulfide	9.420	0.50	10	0	94.2	65	135	9.740	3.34	25	
Carbon tetrachloride	7.840	0.50	10	0	78.4	65	135	7.730	1.41	25	
Chlorobenzene	8.700	0.50	10	0	87.0	65	135	8.580	1.39	25	
Chloroethane	9.230	0.50	10	0	92.3	65	135	9.310	0.863	25	
Chloroform	9.030	0.50	10	0	90.3	65	135	9.040	0.111	25	
Chloromethane	8.730	0.50	10	0	87.3	65	135	8.840	1.25	25	
cis-1,2-Dichloroethene	9.550	0.50	10	0	95.5	65	135	9.640	0.938	25	
cis-1,3-Dichloropropene	9.820	0.50	10	0	98.2	65	135	9.700	1.23	25	
Cyclohexane	10.32	0.50	10	0	103	65	135	10.46	1.35	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 05111195
Project: SRP's 16th St. Facility/10108 Task 3

TestCode: TO15

Sample ID: LCSD-R67136 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 67136
Client ID: | Batch ID: R67136 | TestNo: TO15 | Analysis Date: 11/22/2005 | SeqNo: 801176

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dibromochloromethane	8.210	0.50	10	0	82.1	65	135	7.950	3.22	25	
Dichlorodifluoromethane(F-12)	8.130	0.50	10	0	81.3	65	135	8.330	2.43	25	
Dichlorotetrafluoroethane(F-114)	8.700	0.50	10	0	87.0	65	135	8.760	0.687	25	
Ethyl Acetate	10.18	0.50	10	0	102	65	135	9.860	3.19	25	
Ethylbenzene	9.490	0.50	10	0	94.9	65	135	9.580	0.944	25	
Heptane	8.500	0.50	10	0	85.0	65	135	8.240	3.11	25	
Hexachlorobutadiene	9.070	1.0	10	0	90.7	65	135	8.720	3.93	25	
Hexane	9.760	0.50	10	0	97.6	65	135	10.12	3.62	25	
m&p-Xylene	18.68	1.0	20	0	93.4	65	135	18.50	0.968	25	
Methyl tert-butyl ether	10.38	1.0	10	0	104	65	135	10.11	2.64	25	
Methylene chloride	8.590	0.50	10	0	85.9	65	135	8.480	1.29	25	
o-Xylene	8.980	0.50	10	0	89.8	65	135	8.910	0.783	25	
Propene (Propylene)	9.650	0.50	10	0	96.5	65	135	10.07	4.26	25	
Styrene	9.840	0.50	10	0	98.4	65	135	9.740	1.02	25	
Tetrachloroethene	8.700	0.50	10	0	87.0	65	135	8.550	1.74	25	
Tetrahydrofuran	11.20	2.0	10	0	112	65	135	10.78	3.82	25	
Toluene	9.640	0.50	10	0	96.4	65	135	9.700	0.620	25	
trans-1,2-Dichloroethene	9.350	0.50	10	0	93.5	65	135	9.370	0.214	25	
trans-1,3-Dichloropropene	9.010	0.50	10	0	90.1	65	135	8.820	2.13	25	
Trichloroethene	8.930	0.50	10	0	89.3	65	135	8.710	2.49	25	
Trichlorofluoromethane(F-11)	7.800	0.50	10	0	78.0	65	135	7.870	0.893	25	
Trichlorotrifluoroethane(F-113)	8.540	0.50	10	0	85.4	65	135	8.650	1.28	25	
Vinyl acetate	10.17	0.50	10	0	102	65	135	10.17	0	25	
Vinyl chloride	9.320	0.50	10	0	93.2	65	135	9.630	3.27	25	
Surr: 4-Bromofluorobenzene	10.31	0.50	10	0	103	70	130	10.23	0	0	

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:_____

Laboratory Number: 05-11-1195	Checklist completed by: [illegible] 11/16/05
Client Name: Geomatrix	Signature/Date
Matrix: Air Carrier Name:	Date/Time Rec'd: 11/16/05 1625 By: TM

Temperature of Samples? Ambient *Circle one:* Blue Ice Wet Ice ~~Not Present~~ 1 of 2

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comment about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve_____
Glass Jar_____
Methanol_____
Plastic Bag_____
Encore Samplers____

Total number of bottles received: 18	IH sample media: 1L Summa
If applicable, how many sample bottles were shipped from AEL-Tucson?	N/A X

Number of containers received by preservative and by sample number: (If more than 15 samples are rec'd, please continue on separate sheet(s))

Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A-General	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-Na Sulfite															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH	pH of samples upon receipt	If pH requires adjustment, list sample number, and reagent ID. number
Metals <2		
Nutrients <2		
Total Phenols <2		
413 (O&G) <2		
418 (TPH) <2		
Cyanide >12		
Sulfide >9		

Any No response must be detailed in the comments section below. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001.04, Section 1.8.6. Continue on back if additional space is needed.

*****The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate result, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.***

Comments:

Corrective Action:

Aerotech Environmental Laboratories Sample Receipt Checklist (Cont.)

Accession Number: 05-11-1195

2 of 2

Number of containers received by preservative (by sample number):

Preservative	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
A-General	1	1	1												
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-525															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Preservative	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
A-General															
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-525															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Preservative	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
A-General															
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-525															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Preservative	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
A-General															
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-525															
I-MCAA															
J-Methanol															
K-HAA															

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Lab Number:

Customer Number:	Page 1 of [illegible]
Customer: GEOMATRIX CONSULTANTS	Sampler: [illegible]
Address: 8999 E. VIA DE VENTURA #396	Project Name: [illegible]
City, State, Zip: SCOTSDALE AZ 85258	Project Number: [illegible]
Contact: STEPHANIE KEEHNE	P.O. Number: [illegible]
Phone: (480) 348-1244 Fax: (480) 348-1245	Fax Results: Y N
E-Mail Address: skeehne@geomatrix.com	E-Mail Results: Y N

Sample Receipt

Temperature [illegible] °C
Custody Seals: Yes____ No____
Custody Seals Intact: Yes____ No [illegible]
Total # of Containers: [illegible]

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15						
01	00271	6, 1, 0.4	[illegible]	[illegible]	[illegible]												
02	00619	6, 1, 0.4	[illegible]	[illegible]	[illegible]												
03	01251	6, 1, 0.4	[illegible]	[illegible]	[illegible]												
04	01322	6, 1, 0.4	[illegible]														
05	00617	6, 1, 0.4	[illegible]														
06	00137	6, 1, 0.4	[illegible]														
07	01240	6, 1, 0.4	[illegible]														
08	00159	6, 1, 0.4	[illegible]														
09	01429	6, 1, 0.4	[illegible]														
10	00621	6, 1, 0.4	[illegible]														

Instructions / Special Requirements:
[illegible]

Date:	Time:	Samples Relinquished By:	Received By:
[illegible]	[illegible]	[illegible]	
[illegible]	[illegible]	[illegible]	

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Lab Number: [illegible]

Page 2 of 2

Customer Number:	Sampler: [illegible]
Customer: GEOMATRIX CONSULTANTS	Project Name: [illegible]
Address: [illegible]	Project Number: [illegible]
City, State, Zip: SCOTTSDALE, AZ 85258	P.O. Number: [illegible]
Contact: [illegible]	Fax Results: (Y) N
Phone: (480) 348-1244 Fax: (480) 348-[illegible]	E-Mail Results: (Y) N
E-Mail Address: [illegible]	

Sample Receipt

Temperature [illegible] °C
Custody Seals: Yes ____ No ____
Custody Seals Intact: Yes ____ No ____
Total # of Containers: [illegible]

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

[illegible]

Analyses Requested

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	[illegible]	[illegible]				
[illegible]	01291	6, 1, 0.4	DUP-01-111505	11/15/05	1556	[illegible]				X		X	X				
[illegible]	00199	6, 1, 0.4	ASG-2-15	11/16/05	[illegible]	[illegible]				X		X	X				
[illegible]	00616	6, 1, 0.4	ASG-3-12	11/16/05	[illegible]	[illegible]				X		X	X				
[illegible]	00266	6, 1, 0.4	BASG-10-05	11/16/05	[illegible]	[illegible]				X		X	X				
[illegible]	01284	6, 1, 0.4	BASG-1-11	11/16/05	[illegible]	[illegible]				X		X	X				
[illegible]	00773	6, 1, 0.4	ASG-5-12	11/16/05	[illegible]	[illegible]				X		X	X				
[illegible]	01440	6, 1, 0.4	DUP-02-111605	11/16/05	[illegible]	[illegible]				X		X	X				
[illegible]	00197	6, 1, 0.4	ASG-6-12	11/16/05	[illegible]	[illegible]				X		X	X				
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:
Please make sure 1,4-dioxane and dichlorophenol analyses are included

Date:	Time:	Samples Relinquished By:	Received By:
11/16/05	1425	[illegible]	[illegible]
11/16/05	1625	[illegible]	[illegible]

Chain of Custody, Page 1 of 1, REV 02, 111803

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APPENDIX J.2

June 2006 Active Soil Gas Data

Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Project: SRP/10108 TASK 3
Lab Order: 06060483

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, EPA/600/R-95/131, August 1995.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1998. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Aerotech Environmental Laboratories (AEL) holds Arizona certification no. AZ0610 and AEL-Tucson holds Arizona certification no. AZ0609.

Aerotech Environmental Laboratories (Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.
L1 The associated blank spike recovery was above laboratory acceptance limits.

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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

CLIENT: Geomatrix Consultants
Project: SRP/10108 TASK 3
Lab Order: 06060483

CASE NARRATIVE

N1 See case narrative.
R9 Sample RPD exceeded the laboratory control limit.
T4 Tentatively identified compound. Concentration is estimated and based on the closest internal standard.
V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

N1- Method TO15:
The LCS recovery of 61.1% for 1,4-Dioxane was lower than AEL acceptance limits of 65-135%. The LCSD recovery for 1,4-Dioxane was good and was not detected in the samples. The Samples and the LCS were reported with an N1.

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-01A

Client Sample ID: ASG-21-5.0
Tag Number: 00735
Collection Date: 6/14/2006 6:51:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/17/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/17/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/17/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/17/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/17/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/17/2006
1,2,4-Trimethylbenzene	19	10	0.095	0.050		20	6/17/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/17/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/17/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/17/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/17/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/17/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/17/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/17/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/17/2006
1,4-Dioxane	< 100 UJ	100	< 0.37	0.37	N1	20	6/17/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/17/2006
2-Butanone (MEK)	50	20	0.15	0.060		20	6/17/2006
2-Hexanone	< 20	20	< 0.083	0.083		20	6/17/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/17/2006
4-Ethyltoluene	11	10	0.049	0.044		20	6/17/2006
4-Methyl-2-pentanone	< 20	20	< 0.083	0.083		20	6/17/2006
Acetone	320	100	0.77	0.24	D2	20	6/17/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/17/2006
Benzene	37	10	0.12	0.032		20	6/17/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/17/2006

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

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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-01A

Client Sample ID: ASG-21-5.0
Tag Number: 00735
Collection Date: 6/14/2006 6:51:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/17/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/17/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/17/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/17/2006
Carbon disulfide	23	10	0.073	0.032		20	6/17/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/17/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/17/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/17/2006
Chloroform	< 10	10	< 0.050	0.050		20	6/17/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/17/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/17/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/17/2006
Cyclohexane	22	10	0.077	0.035		20	6/17/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/17/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/17/2006
Ethyl Acetate	< 10	10	< 0.037	0.037		20	6/17/2006
Ethylbenzene	76	10	0.33	0.044	D2	20	6/17/2006
Heptane	45	10	0.19	0.042		20	6/17/2006
Hexachlorobutadiene	< 20	20	< 0.22	0.22		20	6/17/2006
Hexane	49	10	0.17	0.036		20	6/17/2006
m&p-Xylene	240	20	1.1	0.088	D2	20	6/17/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/17/2006
Methylene chloride	< 10	10	< 0.035	0.035		20	6/17/2006
o-Xylene	68	10	0.30	0.044	D2	20	6/17/2006
Propene (Propylene)	< 10	10	< 0.018	0.018		20	6/17/2006

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
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Date: *30-Jun-06*

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Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-01A

Client Sample ID: ASG-21-5.0
Tag Number: 00735
Collection Date: 6/14/2006 6:51:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/17/2006
Tetrachloroethene	30 J	10	0.21	0.069		20	6/17/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/17/2006
Toluene	74	10	0.28	0.038	D2	20	6/17/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/17/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/17/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/17/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/17/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/17/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/17/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/17/2006
Surr: 4-Bromofluorobenzene	96.3 %REC	70-130	-	-		20	6/17/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/17/2006

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-02A

Client Sample ID: ASG-21-15.0
Tag Number: 01282
Collection Date: 6/14/2006 7:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/24/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/24/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/24/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/24/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/24/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/24/2006
1,2,4-Trimethylbenzene	3.4	2.5	0.017	0.012		5	6/24/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/24/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/24/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/24/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/24/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/24/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/24/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/24/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/24/2006
1,4-Dioxane	< 25	25	< 0.092	0.092		5	6/24/2006
2,2,4-Trimethylpentane	< 2.5	2.5	< 0.012	0.012		5	6/24/2006
2-Butanone (MEK)	14	5.0	0.042	0.015		5	6/24/2006
2-Hexanone	< 5.0	5.0	< 0.021	0.021		5	6/24/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/24/2006
4-Ethyltoluene	< 2.5	2.5	< 0.011	0.011		5	6/24/2006
4-Methyl-2-pentanone	< 5.0	5.0	< 0.021	0.021		5	6/24/2006
Acetone	86	25	0.21	0.060	D2	5	6/24/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/24/2006
Benzene	7.5	2.5	0.024	0.0081		5	6/24/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/24/2006

Qualifiers:
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R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-02A

Client Sample ID: ASG-21-15.0
Tag Number: 01282
Collection Date: 6/14/2006 7:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/24/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/24/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/24/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/24/2006
Carbon disulfide	6.8	2.5	0.021	0.0079		5	6/24/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/24/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/24/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/24/2006
Chloroform	8.0	2.5	0.040	0.012		5	6/24/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/24/2006
cis-1,2-Dichloroethene	20 J	2.5	0.080	0.010		5	6/24/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/24/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/24/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/24/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/24/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/24/2006
Ethyl Acetate	21	2.5	0.077	0.0092		5	6/24/2006
Ethylbenzene	< 2.5	2.5	< 0.011	0.011		5	6/24/2006
Heptane	5.0	2.5	0.021	0.010		5	6/24/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054		5	6/24/2006
Hexane	6.1	2.5	0.022	0.0089		5	6/24/2006
m&p-Xylene	< 5.0	5.0	< 0.022	0.022		5	6/24/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/24/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/24/2006
o-Xylene	2.7	2.5	0.012	0.011		5	6/24/2006
Propene (Propylene)	59	2.5	0.10	0.0044	D2	5	6/24/2006

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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-02A

Client Sample ID: ASG-21-15.0
Tag Number: 01282
Collection Date: 6/14/2006 7:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/24/2006
Tetrachloroethene	27 J	2.5	0.19	0.017		5	6/24/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/24/2006
Toluene	8.6	2.5	0.033	0.0096		5	6/24/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/24/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/24/2006
Trichloroethene	48 J	2.5	0.27	0.014		5	6/24/2006
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 0.014	0.014		5	6/24/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/24/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/24/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/24/2006
Surr: 4-Bromofluorobenzene	96.6 %REC	70-130	-	-		5	6/24/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/24/2006

Qualifiers:
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J - Analyte detected below quantitation limits
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* - Value exceeds Maximum Contaminant Level
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-03A

Client Sample ID: DUP-03
Tag Number: 01434
Collection Date: 6/14/2006 7:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.0	2.0	< 0.011	0.011		4	6/26/2006
1,1,2,2-Tetrachloroethane	< 2.0	2.0	< 0.014	0.014		4	6/26/2006
1,1,2-Trichloroethane	< 2.0	2.0	< 0.011	0.011		4	6/26/2006
1,1-Dichloroethane	< 2.0	2.0	< 0.0082	0.0082		4	6/26/2006
1,1-Dichloroethene	< 2.0	2.0	< 0.0081	0.0081		4	6/26/2006
1,2,4-Trichlorobenzene	< 8.0	8.0	< 0.060	0.060		4	6/26/2006
1,2,4-Trimethylbenzene	2.2	2.0	0.011	0.010		4	6/26/2006
1,2-Dibromoethane	< 2.0	2.0	< 0.016	0.016		4	6/26/2006
1,2-Dichlorobenzene	< 2.0	2.0	< 0.012	0.012		4	6/26/2006
1,2-Dichloroethane	< 2.0	2.0	< 0.0082	0.0082		4	6/26/2006
1,2-Dichloropropane	< 2.0	2.0	< 0.0094	0.0094		4	6/26/2006
1,3,5-Trimethylbenzene	< 2.0	2.0	< 0.010	0.010		4	6/26/2006
1,3-Butadiene	< 2.0	2.0	< 0.0045	0.0045		4	6/26/2006
1,3-Dichlorobenzene	< 2.0	2.0	< 0.012	0.012		4	6/26/2006
1,4-Dichlorobenzene	< 2.0	2.0	< 0.012	0.012		4	6/26/2006
1,4-Dioxane	< 20	20	< 0.073	0.073	L1V1	4	6/26/2006
2,2,4-Trimethylpentane	5.9	2.0	0.028	0.0095		4	6/26/2006
2-Butanone (MEK)	15	4.0	0.045	0.012		4	6/26/2006
2-Hexanone	< 4.0	4.0	< 0.017	0.017		4	6/26/2006
2-Propanol	< 8.0	8.0	< 0.020	0.020		4	6/26/2006
4-Ethyltoluene	< 2.0	2.0	< 0.0088	0.0088		4	6/26/2006
4-Methyl-2-pentanone	< 4.0	4.0	< 0.017	0.017		4	6/26/2006
Acetone	130	20	0.31	0.048	D2	4	6/26/2006
Allyl chloride	< 2.0	2.0	< 0.0032	0.0032		4	6/26/2006
Benzene	9.8	2.0	0.032	0.0065		4	6/26/2006
Benzyl chloride	< 8.0	8.0	< 0.042	0.042		4	6/26/2006

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

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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-03A

Client Sample ID: DUP-03
Tag Number: 01434
Collection Date: 6/14/2006 7:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.0	2.0	< 0.014	0.014		4	6/26/2006
Bromoethene(Vinyl Bromide)	< 2.0	2.0	< 0.0044	0.0044		4	6/26/2006
Bromoform	< 2.0	2.0	< 0.021	0.021		4	6/26/2006
Bromomethane	< 2.0	2.0	< 0.0079	0.0079		4	6/26/2006
Carbon disulfide	6.8	2.0	0.021	0.0063		4	6/26/2006
Carbon tetrachloride	< 2.0	2.0	< 0.013	0.013		4	6/26/2006
Chlorobenzene	< 2.0	2.0	< 0.0094	0.0094		4	6/26/2006
Chloroethane	< 2.0	2.0	< 0.0054	0.0054		4	6/26/2006
Chloroform	8.6	2.0	0.043	0.0099		4	6/26/2006
Chloromethane	< 2.0	2.0	< 0.0042	0.0042		4	6/26/2006
cis-1,2-Dichloroethene	34 J	2.0	0.14	0.0080		4	6/26/2006
cis-1,3-Dichloropropene	< 2.0	2.0	< 0.0092	0.0092		4	6/26/2006
Cyclohexane	5.2	2.0	0.018	0.0070		4	6/26/2006
Dibromochloromethane	< 2.0	2.0	< 0.017	0.017		4	6/26/2006
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 0.010	0.010		4	6/26/2006
Dichlorotetrafluoroethane(F-114)	< 2.0	2.0	< 0.014	0.014		4	6/26/2006
Ethyl Acetate	< 2.0	2.0	< 0.0073	0.0073		4	6/26/2006
Ethylbenzene	2.6	2.0	0.011	0.0088		4	6/26/2006
Heptane	7.7	2.0	0.032	0.0083		4	6/26/2006
Hexachlorobutadiene	< 4.0	4.0	< 0.043	0.043		4	6/26/2006
Hexane	8.6	2.0	0.031	0.0071		4	6/26/2006
m&p-Xylene	4.6	4.0	0.020	0.018		4	6/26/2006
Methyl tert-butyl ether	< 4.0	4.0	< 0.015	0.015		4	6/26/2006
Methylene chloride	2.2	2.0	0.0078	0.0071		4	6/26/2006
o-Xylene	2.6	2.0	0.011	0.0088		4	6/26/2006
Propene (Propylene)	42	2.0	0.074	0.0035		4	6/26/2006

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060483
Project: SRP/10108 TASK 3
Lab ID: 06060483-03A

Client Sample ID: DUP-03
Tag Number: 01434
Collection Date: 6/14/2006 7:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.0	2.0	< 0.0086	0.0086		4	6/26/2006
Tetrachloroethene	110 J	2.0	0.76	0.014	D2	4	6/26/2006
Tetrahydrofuran	< 8.0	8.0	< 0.024	0.024		4	6/26/2006
Toluene	9.1	2.0	0.035	0.0077		4	6/26/2006
trans-1,2-Dichloroethene	< 2.0	2.0	< 0.0080	0.0080		4	6/26/2006
trans-1,3-Dichloropropene	< 2.0	2.0	< 0.0092	0.0092		4	6/26/2006
Trichloroethene	95 J	2.0	0.53	0.011	D2	4	6/26/2006
Trichlorofluoromethane(F-11)	< 2.0	2.0	< 0.011	0.011		4	6/26/2006
Trichlorotrifluoroethane(F-113)	< 2.0	2.0	< 0.016	0.016		4	6/26/2006
Vinyl acetate	< 2.0	2.0	< 0.0071	0.0071		4	6/26/2006
Vinyl chloride	< 2.0	2.0	< 0.0052	0.0052		4	6/26/2006
Surr: 4-Bromofluorobenzene	95.9 %REC	70-130	-	-		4	6/26/2006
TIC: Difluoroethane	< 20	20	-	-	T4	4	6/26/2006

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
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30-Jun-06

Aerotech Environmental, Inc.

Lab Order: 06060483
Client: Geomatrix Consultants
Project: SRP/10108 TASK 3

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
06060483-01A	ASG-21-5.0	6/14/2006 6:51:00 AM	Air	Volatile Organics in Air			6/17/2006
06060483-02A	ASG-21-15.0	6/14/2006 7:17:00 AM		Volatile Organics in Air			6/24/2006
06060483-03A	DUP-03			Volatile Organics in Air			6/26/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.650	0.50	10	0	96.5	70	130				

Sample ID **MB-R75617** SampType: **MBLK** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898733**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75617** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: TO15 Analysis Date: **6/24/2006** SeqNo: **898733**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID MB-R75617 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75617
Client ID: | Batch ID: R75617 | TestNo: TO15 | Analysis Date: 6/24/2006 | SeqNo: 898733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.520	0.50	10	0	95.2	70	130				

Sample ID MB-R75634 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75634
Client ID: | Batch ID: R75634 | TestNo: TO15 | Analysis Date: 6/26/2006 | SeqNo: 898970

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75634** SampType: **MBLK** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75634**
Client ID: Batch ID: **R75634** TestNo: **TO15** Analysis Date: **6/26/2006** SeqNo: **898970**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									V1
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID MB-R75634 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75634
Client ID: | Batch ID: R75634 | TestNo: TO15 | Analysis Date: 6/26/2006 | SeqNo: 898970

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.350	0.50	10	0	93.5	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCS-R75442 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75442
Client ID: | Batch ID: R75442 | TestNo: TO15 | Analysis Date: 6/17/2006 | SeqNo: 896808

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	7.790	0.50	10	0	77.9	65	135				
1,1,2,2-Tetrachloroethane	8.040	0.50	10	0	80.4	65	135				
1,1,2-Trichloroethane	8.180	0.50	10	0	81.8	65	135				
1,1-Dichloroethane	8.090	0.50	10	0	80.9	65	135				
1,1-Dichloroethene	8.010	0.50	10	0	80.1	65	135				
1,2,4-Trichlorobenzene	7.470	2.0	10	0	74.7	65	135				
1,2,4-Trimethylbenzene	7.990	0.50	10	0	79.9	65	135				
1,2-Dibromoethane	8.170	0.50	10	0	81.7	65	135				
1,2-Dichlorobenzene	7.980	0.50	10	0	79.8	65	135				
1,2-Dichloroethane	7.620	0.50	10	0	76.2	65	135				
1,2-Dichloropropane	8.210	0.50	10	0	82.1	65	135				
1,3,5-Trimethylbenzene	8.010	0.50	10	0	80.1	65	135				
1,3-Butadiene	8.110	0.50	10	0	81.1	65	135				
1,3-Dichlorobenzene	7.970	0.50	10	0	79.7	65	135				
1,4-Dichlorobenzene	7.910	0.50	10	0	79.1	65	135				
1,4-Dioxane	6.110	5.0	10	0	61.1	65	135				N1
2,2,4-Trimethylpentane	8.120	0.50	10	0	81.2	65	135				
2-Butanone (MEK)	8.750	1.0	10	0	87.5	65	135				
2-Hexanone	8.280	1.0	10	0	82.8	65	135				
2-Propanol	7.810	2.0	10	0	78.1	65	135				
4-Ethyltoluene	8.170	0.50	10	0	81.7	65	135				
4-Methyl-2-pentanone	8.470	1.0	10	0	84.7	65	135				
Acetone	7.810	5.0	10	0	78.1	65	135				
Allyl chloride	8.490	0.50	10	0	84.9	65	135				
Benzene	8.100	0.50	10	0	81.0	65	135				
Benzyl chloride	8.330	2.0	10	0	83.3	65	135				
Bromodichloromethane	7.890	0.50	10	0	78.9	65	135				
Bromoethene(Vinyl Bromide)	7.760	0.50	10	0	77.6	65	135				
Bromoform	7.630	0.50	10	0	76.3	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	8.190	0.50	10	0	81.9	65	135				
Carbon disulfide	8.200	0.50	10	0	82.0	65	135				
Carbon tetrachloride	7.610	0.50	10	0	76.1	65	135				
Chlorobenzene	8.090	0.50	10	0	80.9	65	135				
Chloroethane	8.190	0.50	10	0	81.9	65	135				
Chloroform	7.770	0.50	10	0	77.7	65	135				
Chloromethane	8.170	0.50	10	0	81.7	65	135				
cis-1,2-Dichloroethene	8.170	0.50	10	0	81.7	65	135				
cis-1,3-Dichloropropene	8.530	0.50	10	0	85.3	65	135				
Cyclohexane	8.260	0.50	10	0	82.6	65	135				
Dibromochloromethane	7.840	0.50	10	0	78.4	65	135				
Dichlorodifluoromethane(F-12)	7.600	0.50	10	0	76.0	65	135				
Dichlorotetrafluoroethane(F-114)	7.900	0.50	10	0	79.0	65	135				
Ethyl Acetate	8.600	0.50	10	0	86.0	65	135				
Ethylbenzene	8.210	0.50	10	0	82.1	65	135				
Heptane	7.690	0.50	10	0	76.9	65	135				
Hexachlorobutadiene	8.050	1.0	10	0	80.5	65	135				
Hexane	8.620	0.50	10	0	86.2	65	135				
m&p-Xylene	16.04	1.0	20	0	80.2	65	135				
Methyl tert-butyl ether	8.900	1.0	10	0	89.0	65	135				
Methylene chloride	7.650	0.50	10	0	76.5	65	135				
o-Xylene	7.890	0.50	10	0	78.9	65	135				
Propene (Propylene)	8.270	0.50	10	0	82.7	65	135				
Styrene	8.210	0.50	10	0	82.1	65	135				
Tetrachloroethene	8.110	0.50	10	0	81.1	65	135				
Tetrahydrofuran	8.770	2.0	10	0	87.7	65	135				
Toluene	8.230	0.50	10	0	82.3	65	135				
trans-1,2-Dichloroethene	8.100	0.50	10	0	81.0	65	135				
trans-1,3-Dichloropropene	8.560	0.50	10	0	85.6	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8.430	0.50	10	0	84.3	65	135				
Trichlorofluoromethane(F-11)	7.300	0.50	10	0	73.0	65	135				
Trichlorotrifluoroethane(F-113)	7.940	0.50	10	0	79.4	65	135				
Vinyl acetate	8.720	0.50	10	0	87.2	65	135				
Vinyl chloride	8.310	0.50	10	0	83.1	65	135				
Surr: 4-Bromofluorobenzene	9.850	0.50	10	0	98.5	70	130				

Sample ID **LCS-R75617** SampType: **LCS** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898734**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.840	0.50	10	0	98.4	65	135				
1,1,2,2-Tetrachloroethane	10.40	0.50	10	0	104	65	135				
1,1,2-Trichloroethane	10.61	0.50	10	0	106	65	135				
1,1-Dichloroethane	10.24	0.50	10	0	102	65	135				
1,1-Dichloroethene	10.52	0.50	10	0	105	65	135				
1,2,4-Trichlorobenzene	11.64	2.0	10	0	116	65	135				
1,2,4-Trimethylbenzene	11.17	0.50	10	0	112	65	135				
1,2-Dibromoethane	11.02	0.50	10	0	110	65	135				
1,2-Dichlorobenzene	10.94	0.50	10	0	109	65	135				
1,2-Dichloroethane	9.920	0.50	10	0	99.2	65	135				
1,2-Dichloropropane	10.56	0.50	10	0	106	65	135				
1,3,5-Trimethylbenzene	10.93	0.50	10	0	109	65	135				
1,3-Butadiene	9.830	0.50	10	0	98.3	65	135				
1,3-Dichlorobenzene	10.86	0.50	10	0	109	65	135				
1,4-Dichlorobenzene	10.88	0.50	10	0	109	65	135				
1,4-Dioxane	11.40	5.0	10	0	114	65	135				
2,2,4-Trimethylpentane	10.69	0.50	10	0	107	65	135				
2-Butanone (MEK)	11.17	1.0	10	0	112	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75617** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898734**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	11.55	1.0	10	0	116	65	135				
2-Propanol	10.17	2.0	10	0	102	65	135				
4-Ethyltoluene	11.39	0.50	10	0	114	65	135				
4-Methyl-2-pentanone	11.14	1.0	10	0	111	65	135				
Acetone	9.680	5.0	10	0	96.8	65	135				
Allyl chloride	11.45	0.50	10	0	114	65	135				
Benzene	11.04	0.50	10	0	110	65	135				
Benzyl chloride	11.01	2.0	10	0	110	65	135				
Bromodichloromethane	10.12	0.50	10	0	101	65	135				
Bromoethene(Vinyl Bromide)	10.68	0.50	10	0	107	65	135				
Bromoform	10.41	0.50	10	0	104	65	135				
Bromomethane	10.53	0.50	10	0	105	65	135				
Carbon disulfide	10.48	0.50	10	0	105	65	135				
Carbon tetrachloride	9.940	0.50	10	0	99.4	65	135				
Chlorobenzene	10.50	0.50	10	0	105	65	135				
Chloroethane	10.06	0.50	10	0	101	65	135				
Chloroform	10.12	0.50	10	0	101	65	135				
Chloromethane	9.890	0.50	10	0	98.9	65	135				
cis-1,2-Dichloroethene	11.40	0.50	10	0	114	65	135				
cis-1,3-Dichloropropene	11.30	0.50	10	0	113	65	135				
Cyclohexane	11.43	0.50	10	0	114	65	135				
Dibromochloromethane	10.57	0.50	10	0	106	65	135				
Dichlorodifluoromethane(F-12)	9.510	0.50	10	0	95.1	65	135				
Dichlorotetrafluoroethane(F-114)	10.17	0.50	10	0	102	65	135				
Ethyl Acetate	10.95	0.50	10	0	110	65	135				
Ethylbenzene	11.27	0.50	10	0	113	65	135				
Heptane	10.00	0.50	10	0	100	65	135				
Hexachlorobutadiene	10.79	1.0	10	0	108	65	135				
Hexane	11.67	0.50	10	0	117	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75617** SampType: **LCS** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898734**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	22.42	1.0	20	0	112	65	135				
Methyl tert-butyl ether	10.90	1.0	10	0	109	65	135				
Methylene chloride	9.800	0.50	10	0	98.0	65	135				
o-Xylene	10.41	0.50	10	0	104	65	135				
Propene (Propylene)	10.84	0.50	10	0	108	65	135				
Styrene	11.46	0.50	10	0	115	65	135				
Tetrachloroethene	11.07	0.50	10	0	111	65	135				
Tetrahydrofuran	11.77	2.0	10	0	118	65	135				
Toluene	11.25	0.50	10	0	112	65	135				
trans-1,2-Dichloroethene	11.15	0.50	10	0	112	65	135				
trans-1,3-Dichloropropene	11.10	0.50	10	0	111	65	135				
Trichloroethene	10.42	0.50	10	0	104	65	135				
Trichlorofluoromethane(F-11)	9.440	0.50	10	0	94.4	65	135				
Trichlorotrifluoroethane(F-113)	10.28	0.50	10	0	103	65	135				
Vinyl acetate	11.16	0.50	10	0	112	65	135				
Vinyl chloride	10.49	0.50	10	0	105	65	135				
Surr: 4-Bromofluorobenzene	9.770	0.50	10	0	97.7	70	130				

Sample ID **LCS-R75634** SampType: **LCS** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75634**
Client ID: Batch ID: **R75634** TestNo: **TO15** Analysis Date: **6/26/2006** SeqNo: **898971**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.12	0.50	10	0	101	65	135				
1,1,2,2-Tetrachloroethane	10.78	0.50	10	0	108	65	135				
1,1,2-Trichloroethane	11.18	0.50	10	0	112	65	135				
1,1-Dichloroethane	10.61	0.50	10	0	106	65	135				
1,1-Dichloroethene	10.90	0.50	10	0	109	65	135				
1,2,4-Trichlorobenzene	11.94	2.0	10	0	119	65	135				
1,2,4-Trimethylbenzene	11.60	0.50	10	0	116	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCS-R75634 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75634
Client ID: | Batch ID: R75634 | TestNo: TO15 | Analysis Date: 6/26/2006 | SeqNo: 898971

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.55	0.50	10	0	116	65	135				
1,2-Dichlorobenzene	11.32	0.50	10	0	113	65	135				
1,2-Dichloroethane	10.20	0.50	10	0	102	65	135				
1,2-Dichloropropane	11.05	0.50	10	0	110	65	135				
1,3,5-Trimethylbenzene	11.37	0.50	10	0	114	65	135				
1,3-Butadiene	10.11	0.50	10	0	101	65	135				
1,3-Dichlorobenzene	11.28	0.50	10	0	113	65	135				
1,4-Dichlorobenzene	11.27	0.50	10	0	113	65	135				
1,4-Dioxane	14.10	5.0	10	0	141	65	135				L1
2,2,4-Trimethylpentane	11.19	0.50	10	0	112	65	135				
2-Butanone (MEK)	12.02	1.0	10	0	120	65	135				
2-Hexanone	11.88	1.0	10	0	119	65	135				
2-Propanol	10.67	2.0	10	0	107	65	135				
4-Ethyltoluene	11.76	0.50	10	0	118	65	135				
4-Methyl-2-pentanone	11.52	1.0	10	0	115	65	135				
Acetone	9.750	5.0	10	0	97.5	65	135				
Allyl chloride	11.89	0.50	10	0	119	65	135				
Benzene	11.53	0.50	10	0	115	65	135				
Benzyl chloride	11.19	2.0	10	0	112	65	135				
Bromodichloromethane	10.49	0.50	10	0	105	65	135				
Bromoethene(Vinyl Bromide)	10.72	0.50	10	0	107	65	135				
Bromoform	10.71	0.50	10	0	107	65	135				
Bromomethane	10.71	0.50	10	0	107	65	135				
Carbon disulfide	10.96	0.50	10	0	110	65	135				
Carbon tetrachloride	10.06	0.50	10	0	101	65	135				
Chlorobenzene	11.06	0.50	10	0	111	65	135				
Chloroethane	10.25	0.50	10	0	103	65	135				
Chloroform	10.43	0.50	10	0	104	65	135				
Chloromethane	10.12	0.50	10	0	101	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCS-R75634 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75634
Client ID: | Batch ID: R75634 | TestNo: TO15 | Analysis Date: 6/26/2006 | SeqNo: 898971

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	11.89	0.50	10	0	119	65	135				
cis-1,3-Dichloropropene	11.83	0.50	10	0	118	65	135				
Cyclohexane	11.79	0.50	10	0	118	65	135				
Dibromochloromethane	11.03	0.50	10	0	110	65	135				
Dichlorodifluoromethane(F-12)	9.660	0.50	10	0	96.6	65	135				
Dichlorotetrafluoroethane(F-114)	10.32	0.50	10	0	103	65	135				
Ethyl Acetate	11.37	0.50	10	0	114	65	135				
Ethylbenzene	11.88	0.50	10	0	119	65	135				
Heptane	10.26	0.50	10	0	103	65	135				
Hexachlorobutadiene	11.21	1.0	10	0	112	65	135				
Hexane	12.07	0.50	10	0	121	65	135				
m&p-Xylene	23.57	1.0	20	0	118	65	135				
Methyl tert-butyl ether	11.72	1.0	10	0	117	65	135				
Methylene chloride	9.970	0.50	10	0	99.7	65	135				
o-Xylene	10.87	0.50	10	0	109	65	135				
Propene (Propylene)	11.37	0.50	10	0	114	65	135				
Styrene	12.00	0.50	10	0	120	65	135				
Tetrachloroethene	11.64	0.50	10	0	116	65	135				
Tetrahydrofuran	12.14	2.0	10	0	121	65	135				
Toluene	11.83	0.50	10	0	118	65	135				
trans-1,2-Dichloroethene	11.62	0.50	10	0	116	65	135				
trans-1,3-Dichloropropene	11.66	0.50	10	0	117	65	135				
Trichloroethene	11.02	0.50	10	0	110	65	135				
Trichlorofluoromethane(F-11)	9.600	0.50	10	0	96.0	65	135				
Trichlorotrifluoroethane(F-113)	10.63	0.50	10	0	106	65	135				
Vinyl acetate	11.63	0.50	10	0	116	65	135				
Vinyl chloride	10.80	0.50	10	0	108	65	135				
Surr: 4-Bromofluorobenzene	9.640	0.50	10	0	96.4	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	7.850	0.50	10	0	78.5	65	135	7.790	0.767	25	
1,1,2,2-Tetrachloroethane	8.150	0.50	10	0	81.5	65	135	8.040	1.36	25	
1,1,2-Trichloroethane	8.270	0.50	10	0	82.7	65	135	8.180	1.09	25	
1,1-Dichloroethane	8.090	0.50	10	0	80.9	65	135	8.090	0	25	
1,1-Dichloroethene	8.080	0.50	10	0	80.8	65	135	8.010	0.870	25	
1,2,4-Trichlorobenzene	7.610	2.0	10	0	76.1	65	135	7.470	1.86	25	
1,2,4-Trimethylbenzene	8.100	0.50	10	0	81.0	65	135	7.990	1.37	25	
1,2-Dibromoethane	8.240	0.50	10	0	82.4	65	135	8.170	0.853	25	
1,2-Dichlorobenzene	8.190	0.50	10	0	81.9	65	135	7.980	2.60	25	
1,2-Dichloroethane	7.720	0.50	10	0	77.2	65	135	7.620	1.30	25	
1,2-Dichloropropane	8.290	0.50	10	0	82.9	65	135	8.210	0.970	25	
1,3,5-Trimethylbenzene	8.090	0.50	10	0	80.9	65	135	8.010	0.994	25	
1,3-Butadiene	8.290	0.50	10	0	82.9	65	135	8.110	2.20	25	
1,3-Dichlorobenzene	8.080	0.50	10	0	80.8	65	135	7.970	1.37	25	
1,4-Dichlorobenzene	8.130	0.50	10	0	81.3	65	135	7.910	2.74	25	
1,4-Dioxane	11.42	5.0	10	0	114	65	135	6.110	60.6	25	R9
2,2,4-Trimethylpentane	8.180	0.50	10	0	81.8	65	135	8.120	0.736	25	
2-Butanone (MEK)	8.770	1.0	10	0	87.7	65	135	8.750	0.228	25	
2-Hexanone	9.030	1.0	10	0	90.3	65	135	8.280	8.67	25	
2-Propanol	7.890	2.0	10	0	78.9	65	135	7.810	1.02	25	
4-Ethyltoluene	8.300	0.50	10	0	83.0	65	135	8.170	1.58	25	
4-Methyl-2-pentanone	8.980	1.0	10	0	89.8	65	135	8.470	5.85	25	
Acetone	7.940	5.0	10	0	79.4	65	135	7.810	1.65	25	
Allyl chloride	8.510	0.50	10	0	85.1	65	135	8.490	0.235	25	
Benzene	8.060	0.50	10	0	80.6	65	135	8.100	0.495	25	
Benzyl chloride	8.490	2.0	10	0	84.9	65	135	8.330	1.90	25	
Bromodichloromethane	7.940	0.50	10	0	79.4	65	135	7.890	0.632	25	
Bromoethene(Vinyl Bromide)	8.050	0.50	10	0	80.5	65	135	7.760	3.67	25	
Bromoform	7.730	0.50	10	0	77.3	65	135	7.630	1.30	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	8.250	0.50	10	0	82.5	65	135	8.190	0.730	25	
Carbon disulfide	8.190	0.50	10	0	81.9	65	135	8.200	0.122	25	
Carbon tetrachloride	7.650	0.50	10	0	76.5	65	135	7.610	0.524	25	
Chlorobenzene	8.200	0.50	10	0	82.0	65	135	8.090	1.35	25	
Chloroethane	8.270	0.50	10	0	82.7	65	135	8.190	0.972	25	
Chloroform	7.830	0.50	10	0	78.3	65	135	7.770	0.769	25	
Chloromethane	8.200	0.50	10	0	82.0	65	135	8.170	0.367	25	
cis-1,2-Dichloroethene	8.240	0.50	10	0	82.4	65	135	8.170	0.853	25	
cis-1,3-Dichloropropene	8.610	0.50	10	0	86.1	65	135	8.530	0.933	25	
Cyclohexane	8.320	0.50	10	0	83.2	65	135	8.260	0.724	25	
Dibromochloromethane	7.970	0.50	10	0	79.7	65	135	7.840	1.64	25	
Dichlorodifluoromethane(F-12)	7.710	0.50	10	0	77.1	65	135	7.600	1.44	25	
Dichlorotetrafluoroethane(F-114)	8.010	0.50	10	0	80.1	65	135	7.900	1.38	25	
Ethyl Acetate	8.730	0.50	10	0	87.3	65	135	8.600	1.50	25	
Ethylbenzene	8.270	0.50	10	0	82.7	65	135	8.210	0.728	25	
Heptane	7.790	0.50	10	0	77.9	65	135	7.690	1.29	25	
Hexachlorobutadiene	8.150	1.0	10	0	81.5	65	135	8.050	1.23	25	
Hexane	8.560	0.50	10	0	85.6	65	135	8.620	0.698	25	
m&p-Xylene	16.10	1.0	20	0	80.5	65	135	16.04	0.373	25	
Methyl tert-butyl ether	8.960	1.0	10	0	89.6	65	135	8.900	0.672	25	
Methylene chloride	7.740	0.50	10	0	77.4	65	135	7.650	1.17	25	
o-Xylene	8.030	0.50	10	0	80.3	65	135	7.890	1.76	25	
Propene (Propylene)	8.350	0.50	10	0	83.5	65	135	8.270	0.963	25	
Styrene	8.310	0.50	10	0	83.1	65	135	8.210	1.21	25	
Tetrachloroethene	8.190	0.50	10	0	81.9	65	135	8.110	0.982	25	
Tetrahydrofuran	8.930	2.0	10	0	89.3	65	135	8.770	1.81	25	
Toluene	8.280	0.50	10	0	82.8	65	135	8.230	0.606	25	
trans-1,2-Dichloroethene	8.110	0.50	10	0	81.1	65	135	8.100	0.123	25	
trans-1,3-Dichloropropene	8.630	0.50	10	0	86.3	65	135	8.560	0.814	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8.510	0.50	10	0	85.1	65	135	8.430	0.945	25	
Trichlorofluoromethane(F-11)	7.390	0.50	10	0	73.9	65	135	7.300	1.23	25	
Trichlorotrifluoroethane(F-113)	7.980	0.50	10	0	79.8	65	135	7.940	0.503	25	
Vinyl acetate	8.820	0.50	10	0	88.2	65	135	8.720	1.14	25	
Vinyl chloride	8.480	0.50	10	0	84.8	65	135	8.310	2.03	25	
Surr: 4-Bromofluorobenzene	9.900	0.50	10	0	99.0	70	130	9.850	0	0	

Sample ID **LCSD-R75617** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898735**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.950	0.50	10	0	99.5	65	135	9.840	1.11	25	
1,1,2,2-Tetrachloroethane	10.66	0.50	10	0	107	65	135	10.40	2.47	25	
1,1,2-Trichloroethane	10.85	0.50	10	0	108	65	135	10.61	2.24	25	
1,1-Dichloroethane	10.40	0.50	10	0	104	65	135	10.24	1.55	25	
1,1-Dichloroethene	10.71	0.50	10	0	107	65	135	10.52	1.79	25	
1,2,4-Trichlorobenzene	12.18	2.0	10	0	122	65	135	11.64	4.53	25	
1,2,4-Trimethylbenzene	11.43	0.50	10	0	114	65	135	11.17	2.30	25	
1,2-Dibromoethane	11.18	0.50	10	0	112	65	135	11.02	1.44	25	
1,2-Dichlorobenzene	11.16	0.50	10	0	112	65	135	10.94	1.99	25	
1,2-Dichloroethane	10.06	0.50	10	0	101	65	135	9.920	1.40	25	
1,2-Dichloropropane	10.86	0.50	10	0	109	65	135	10.56	2.80	25	
1,3,5-Trimethylbenzene	11.17	0.50	10	0	112	65	135	10.93	2.17	25	
1,3-Butadiene	10.10	0.50	10	0	101	65	135	9.830	2.71	25	
1,3-Dichlorobenzene	11.06	0.50	10	0	111	65	135	10.86	1.82	25	
1,4-Dichlorobenzene	11.10	0.50	10	0	111	65	135	10.88	2.00	25	
1,4-Dioxane	11.08	5.0	10	0	111	65	135	11.40	2.85	25	
2,2,4-Trimethylpentane	10.91	0.50	10	0	109	65	135	10.69	2.04	25	
2-Butanone (MEK)	11.45	1.0	10	0	114	65	135	11.17	2.48	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCSD-R75617 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75617
Client ID: | Batch ID: R75617 | TestNo: TO15 | Analysis Date: 6/24/2006 | SeqNo: 898735

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	11.73	1.0	10	0	117	65	135	11.55	1.55	25	
2-Propanol	10.30	2.0	10	0	103	65	135	10.17	1.27	25	
4-Ethyltoluene	11.57	0.50	10	0	116	65	135	11.39	1.57	25	
4-Methyl-2-pentanone	11.39	1.0	10	0	114	65	135	11.14	2.22	25	
Acetone	9.780	5.0	10	0	97.8	65	135	9.680	1.03	25	
Allyl chloride	11.58	0.50	10	0	116	65	135	11.45	1.13	25	
Benzene	11.22	0.50	10	0	112	65	135	11.04	1.62	25	
Benzyl chloride	11.28	2.0	10	0	113	65	135	11.01	2.42	25	
Bromodichloromethane	10.30	0.50	10	0	103	65	135	10.12	1.76	25	
Bromoethene(Vinyl Bromide)	10.68	0.50	10	0	107	65	135	10.68	0	25	
Bromoform	10.57	0.50	10	0	106	65	135	10.41	1.53	25	
Bromomethane	10.69	0.50	10	0	107	65	135	10.53	1.51	25	
Carbon disulfide	10.65	0.50	10	0	106	65	135	10.48	1.61	25	
Carbon tetrachloride	10.08	0.50	10	0	101	65	135	9.940	1.40	25	
Chlorobenzene	10.76	0.50	10	0	108	65	135	10.50	2.45	25	
Chloroethane	10.16	0.50	10	0	102	65	135	10.06	0.989	25	
Chloroform	10.28	0.50	10	0	103	65	135	10.12	1.57	25	
Chloromethane	10.14	0.50	10	0	101	65	135	9.890	2.50	25	
cis-1,2-Dichloroethene	11.60	0.50	10	0	116	65	135	11.40	1.74	25	
cis-1,3-Dichloropropene	11.45	0.50	10	0	114	65	135	11.30	1.32	25	
Cyclohexane	11.54	0.50	10	0	115	65	135	11.43	0.958	25	
Dibromochloromethane	10.76	0.50	10	0	108	65	135	10.57	1.78	25	
Dichlorodifluoromethane(F-12)	9.710	0.50	10	0	97.1	65	135	9.510	2.08	25	
Dichlorotetrafluoroethane(F-114)	10.31	0.50	10	0	103	65	135	10.17	1.37	25	
Ethyl Acetate	11.13	0.50	10	0	111	65	135	10.95	1.63	25	
Ethylbenzene	11.57	0.50	10	0	116	65	135	11.27	2.63	25	
Heptane	10.07	0.50	10	0	101	65	135	10.00	0.698	25	
Hexachlorobutadiene	11.06	1.0	10	0	111	65	135	10.79	2.47	25	
Hexane	11.81	0.50	10	0	118	65	135	11.67	1.19	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

TestCode: TO15

Sample ID **LCSD-R75617** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898735**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	22.70	1.0	20	0	114	65	135	22.42	1.24	25	
Methyl tert-butyl ether	11.01	1.0	10	0	110	65	135	10.90	1.00	25	
Methylene chloride	9.860	0.50	10	0	98.6	65	135	9.800	0.610	25	
o-Xylene	10.73	0.50	10	0	107	65	135	10.41	3.03	25	
Propene (Propylene)	11.25	0.50	10	0	112	65	135	10.84	3.71	25	
Styrene	11.71	0.50	10	0	117	65	135	11.46	2.16	25	
Tetrachloroethene	11.21	0.50	10	0	112	65	135	11.07	1.26	25	
Tetrahydrofuran	12.00	2.0	10	0	120	65	135	11.77	1.94	25	
Toluene	11.45	0.50	10	0	114	65	135	11.25	1.76	25	
trans-1,2-Dichloroethene	11.25	0.50	10	0	112	65	135	11.15	0.893	25	
trans-1,3-Dichloropropene	11.24	0.50	10	0	112	65	135	11.10	1.25	25	
Trichloroethene	10.65	0.50	10	0	106	65	135	10.42	2.18	25	
Trichlorofluoromethane(F-11)	9.610	0.50	10	0	96.1	65	135	9.440	1.78	25	
Trichlorotrifluoroethane(F-113)	10.46	0.50	10	0	105	65	135	10.28	1.74	25	
Vinyl acetate	11.46	0.50	10	0	115	65	135	11.16	2.65	25	
Vinyl chloride	10.81	0.50	10	0	108	65	135	10.49	3.00	25	
Surr: 4-Bromofluorobenzene	9.680	0.50	10	0	96.8	70	130	9.770	0	0	

Sample ID **LCSD-R75634** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75634**
Client ID: Batch ID: **R75634** TestNo: **TO15** Analysis Date: **6/26/2006** SeqNo: **898972**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.09	0.50	10	0	101	65	135	10.12	0.297	25	
1,1,2,2-Tetrachloroethane	10.83	0.50	10	0	108	65	135	10.78	0.463	25	
1,1,2-Trichloroethane	10.97	0.50	10	0	110	65	135	11.18	1.90	25	
1,1-Dichloroethane	10.49	0.50	10	0	105	65	135	10.61	1.14	25	
1,1-Dichloroethene	10.80	0.50	10	0	108	65	135	10.90	0.922	25	
1,2,4-Trichlorobenzene	11.92	2.0	10	0	119	65	135	11.94	0.168	25	
1,2,4-Trimethylbenzene	11.61	0.50	10	0	116	65	135	11.60	0.0862	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

TestCode: TO15

Sample ID **LCSD-R75634** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75634**
Client ID: Batch ID: **R75634** TestNo: TO15 Analysis Date: **6/26/2006** SeqNo: **898972**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.39	0.50	10	0	114	65	135	11.55	1.39	25	
1,2-Dichlorobenzene	11.43	0.50	10	0	114	65	135	11.32	0.967	25	
1,2-Dichloroethane	10.06	0.50	10	0	101	65	135	10.20	1.38	25	
1,2-Dichloropropane	10.90	0.50	10	0	109	65	135	11.05	1.37	25	
1,3,5-Trimethylbenzene	11.33	0.50	10	0	113	65	135	11.37	0.352	25	
1,3-Butadiene	10.10	0.50	10	0	101	65	135	10.11	0.0990	25	
1,3-Dichlorobenzene	11.33	0.50	10	0	113	65	135	11.28	0.442	25	
1,4-Dichlorobenzene	11.36	0.50	10	0	114	65	135	11.27	0.795	25	
1,4-Dioxane	13.53	5.0	10	0	135	65	135	14.10	4.13	25	L1 ✓
2,2,4-Trimethylpentane	11.06	0.50	10	0	111	65	135	11.19	1.17	25	
2-Butanone (MEK)	11.80	1.0	10	0	118	65	135	12.02	1.85	25	
2-Hexanone	11.73	1.0	10	0	117	65	135	11.88	1.27	25	
2-Propanol	10.49	2.0	10	0	105	65	135	10.67	1.70	25	
4-Ethyltoluene	11.76	0.50	10	0	118	65	135	11.76	0	25	
4-Methyl-2-pentanone	11.37	1.0	10	0	114	65	135	11.52	1.31	25	
Acetone	9.780	5.0	10	0	97.8	65	135	9.750	0.307	25	
Allyl chloride	11.92	0.50	10	0	119	65	135	11.89	0.252	25	
Benzene	11.50	0.50	10	0	115	65	135	11.53	0.261	25	
Benzyl chloride	11.27	2.0	10	0	113	65	135	11.19	0.712	25	
Bromodichloromethane	10.34	0.50	10	0	103	65	135	10.49	1.44	25	
Bromoethene(Vinyl Bromide)	10.67	0.50	10	0	107	65	135	10.72	0.468	25	
Bromoform	10.74	0.50	10	0	107	65	135	10.71	0.280	25	
Bromomethane	10.65	0.50	10	0	106	65	135	10.71	0.562	25	
Carbon disulfide	10.91	0.50	10	0	109	65	135	10.96	0.457	25	
Carbon tetrachloride	10.02	0.50	10	0	100	65	135	10.06	0.398	25	
Chlorobenzene	11.08	0.50	10	0	111	65	135	11.06	0.181	25	
Chloroethane	10.15	0.50	10	0	102	65	135	10.25	0.980	25	
Chloroform	10.37	0.50	10	0	104	65	135	10.43	0.577	25	
Chloromethane	10.19	0.50	10	0	102	65	135	10.12	0.689	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060483
Project: SRP/10108 TASK 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCSD-R75634 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75634
Client ID: | Batch ID: R75634 | TestNo: TO15 | Analysis Date: 6/26/2006 | SeqNo: 898972

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	11.87	0.50	10	0	119	65	135	11.89	0.168	25	
cis-1,3-Dichloropropene	11.73	0.50	10	0	117	65	135	11.83	0.849	25	
Cyclohexane	11.70	0.50	10	0	117	65	135	11.79	0.766	25	
Dibromochloromethane	10.91	0.50	10	0	109	65	135	11.03	1.09	25	
Dichlorodifluoromethane(F-12)	9.770	0.50	10	0	97.7	65	135	9.660	1.13	25	
Dichlorotetrafluoroethane(F-114)	10.34	0.50	10	0	103	65	135	10.32	0.194	25	
Ethyl Acetate	11.26	0.50	10	0	113	65	135	11.37	0.972	25	
Ethylbenzene	11.86	0.50	10	0	119	65	135	11.88	0.168	25	
Heptane	10.15	0.50	10	0	102	65	135	10.26	1.08	25	
Hexachlorobutadiene	11.08	1.0	10	0	111	65	135	11.21	1.17	25	
Hexane	12.00	0.50	10	0	120	65	135	12.07	0.582	25	
m&p-Xylene	23.38	1.0	20	0	117	65	135	23.57	0.809	25	
Methyl tert-butyl ether	11.52	1.0	10	0	115	65	135	11.72	1.72	25	
Methylene chloride	9.900	0.50	10	0	99.0	65	135	9.970	0.705	25	
o-Xylene	10.88	0.50	10	0	109	65	135	10.87	0.0920	25	
Propene (Propylene)	11.33	0.50	10	0	113	65	135	11.37	0.352	25	
Styrene	11.99	0.50	10	0	120	65	135	12.00	0.0834	25	
Tetrachloroethene	11.49	0.50	10	0	115	65	135	11.64	1.30	25	
Tetrahydrofuran	12.18	2.0	10	0	122	65	135	12.14	0.329	25	
Toluene	11.70	0.50	10	0	117	65	135	11.83	1.10	25	
trans-1,2-Dichloroethene	11.64	0.50	10	0	116	65	135	11.62	0.172	25	
trans-1,3-Dichloropropene	11.48	0.50	10	0	115	65	135	11.66	1.56	25	
Trichloroethene	10.85	0.50	10	0	108	65	135	11.02	1.55	25	
Trichlorofluoromethane(F-11)	9.560	0.50	10	0	95.6	65	135	9.600	0.418	25	
Trichlorotrifluoroethane(F-113)	10.60	0.50	10	0	106	65	135	10.63	0.283	25	
Vinyl acetate	11.56	0.50	10	0	116	65	135	11.63	0.604	25	
Vinyl chloride	10.84	0.50	10	0	108	65	135	10.80	0.370	25	
Surr: 4-Bromofluorobenzene	9.670	0.50	10	0	96.7	70	130	9.640	0	0	

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:_____

Laboratory Number: 06-06-0483	Checklist completed by: RF 6/14/06 (Signature/Date)
Client Name: Geomatrix	
Matrix: Air / Carrier Name: Client	Date/Time Rec'd: 6/14/06 0837 By: RF

Temperature of Samples? Amb. °C Circle one: Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		**See Comment about Chlorine and pH
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve_____
Glass Jar_____
Methanol_____
Plastic Bag_____
Encore Samplers_____

Total number of bottles received: 3 IH sample media: 1L Canister

If applicable, how many sample bottles were shipped from AEL-Tucson? N/A X

Number of containers received by preservative and by sample number: (If more than 15 samples are rec'd, please continue on separate sheet(s))

Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A-General	/	/	/												
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-Na Sulfite															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number, and reagent ID. number
Metals	<2		
Nutrients	<2		
Total Phenols	<2		
413 (O&G)	<2		
418 (TPH)	<2		
Cyanide	>12		
Sulfide	>9		

Any No response must be detailed in the comments section below. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001.04, Section 1.8.6. Continue on back if additional space is needed.

*****The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate result, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.***

Comments: Client sent in an unused canister #0932

Corrective Action:

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[X] Main Lab - 4645 E. Cotton Center Blvd., Building 3, Suite 189, Phoenix, AZ 85040 602.437.3340 - FAX 623.445.6192
[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 06-06-0483

Sample Type Codes
DW - Drinking Water
A - Air
WW - Waste Water
S - Soil
HW - Hazardous Waste
Other

Customer Number:	Page 1 of 1
Customer: GEOMATRIX CONSULTANTS INC	Sampler: ANDREW MACHICH
Address: 8777 E. VIA DE VENTURA #396	Project Name: SRP
City, State, Zip: SCOTTSDALE, AZ 85258	Project Number: 10108 TASK 3
Contact: LAURIE LAPAT-POLASKO	P.O. Number: 10108 TASK 3
Phone: (480) 348-1244 Fax: (480) 349-1245	Fax Results: (Y) N
E-Mail Address:	E-Mail Results: (Y) N

Sample Receipt
Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No N/A
Total # of Containers: 3

Turn Around Request
____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 Working Days
X Standard 10 Working Days
Subject to scheduling & availability (surcharges apply).

Analyses Requested

Sample Information

Lab #	Sample Identification / Canister	Date	Time	Type	TO-15 list	MAXIMUM PID DURING PURGE	# of sample Containers
1	ASG-21-5.0 / 00735 / 1L	6/14/06	0651	AR/SG	X	2.0 PPM	
2	ASG-21-15.0 / 01282 / 1L	6/14/06	0717	AR/SG	X	2.0 PPM	
3	DUP-03 / 01434 / 1L	6/14/06	0717	AR/SG	X	—	

6/14/06

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
6/14/06	08:37	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

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Aerotech Environmental, Inc. **Date:** *30-Jun-06*

CLIENT: Geomatrix Consultants
Project: SRP/10108 Task 3
Lab Order: 06060468

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, EPA/600/R-95/131, August 1995.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1998. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Aerotech Environmental Laboratories (AEL) holds Arizona certification no. AZ0610 and AEL-Tucson holds Arizona certification no. AZ0609.

Aerotech Environmental Laboratories (Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.
L1 The associated blank spike recovery was above laboratory acceptance limits.

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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

CLIENT: Geomatrix Consultants
Project: SRP/10108 Task 3
Lab Order: 06060468

CASE NARRATIVE

N1 See case narrative.
R7 LCS/LCSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R9 Sample RPD exceeded the laboratory control limit.
T4 Tentatively identified compound. Concentration is estimated and based on the closest internal standard.
V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

N1- Method TO15:
The LCS recovery of 61.1% for 1,4-Dioxane was lower than AEL acceptance limits of 65-135%. The LCSD recovery for 1,4-Dioxane was good and was not detected in the samples. The Samples and the LCS were reported with an N1.

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Project: SRP/10108 Task 3
Lab Order: 06060468

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
06060468-01A	ASG-22-5.0	00619	6/13/2006 7:16:00 AM	6/13/2006
06060468-02A	ASG-22-14.0	00206	6/13/2006 7:48:00 AM	6/13/2006
06060468-03A	AMBIENT-02	00227	6/13/2006 8:12:00 AM	6/13/2006
06060468-04A	ASG-20-5.0	00612	6/13/2006 8:46:00 AM	6/13/2006
06060468-05A	ASG-20-10.5	00933	6/13/2006 9:23:00 AM	6/13/2006
06060468-06A	ASG-19-5.0	00224	6/13/2006 10:40:00 AM	6/13/2006
06060468-07A	ASG-19-13.0	00613	6/13/2006 11:17:00 AM	6/13/2006
06060468-08A	DUP-02	00308	6/13/2006 11:17:00 AM	6/13/2006
06060468-09A	ASG-17-5.0	00194	6/13/2006 12:02:00 PM	6/13/2006
06060468-10A	ASG-17-12.0	01428	6/13/2006 12:31:00 PM	6/13/2006
06060468-11A	EB-02	00672	6/13/2006 2:30:00 PM	6/13/2006
06060468-12A	ASG-18-5.0	01280	6/13/2006 3:06:00 PM	6/13/2006
06060468-13A	ASG-18-14.0	01302	6/13/2006 3:38:00 PM	6/13/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-01A

Client Sample ID: ASG-22-5.0
Tag Number: 00619
Collection Date: 6/13/2006 7:16:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/15/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/15/2006
1,2,4-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
1,3,5-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dioxane	< 50 UJ	50	< 0.18	0.18	L1	10	6/15/2006
2,2,4-Trimethylpentane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
2-Butanone (MEK)	21	10	0.063	0.030		10	6/15/2006
2-Hexanone	< 10 UJ	10	< 0.042	0.042	L1	10	6/15/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/15/2006
4-Ethyltoluene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
4-Methyl-2-pentanone	< 10 UJ	10	< 0.042	0.042		10	6/15/2006
Acetone	130 U	50	0.31 U	0.12	✓D2	10	6/15/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/15/2006
Benzene	11	5.0	0.036	0.016		10	6/15/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/15/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-01A

Client Sample ID: ASG-22-5.0
Tag Number: 00619
Collection Date: 6/13/2006 7:16:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/15/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/15/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
Carbon disulfide	< 5.0	5.0	< 0.016	0.016		10	6/15/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/15/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Chloroform	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/15/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Cyclohexane	< 5.0	5.0	< 0.017	0.017		10	6/15/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/15/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/15/2006
Ethyl Acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Ethylbenzene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Heptane	30	5.0	0.12	0.021		10	6/15/2006
Hexachlorobutadiene	< 10 UJ	10	< 0.11 UJ	0.11	V1L1	10	6/15/2006
Hexane	52	5.0	0.19	0.018	D2	10	6/15/2006
m&p-Xylene	< 10	10	< 0.044	0.044		10	6/15/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/15/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
o-Xylene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Propene (Propylene)	160	5.0	0.28	0.0088	D2	10	6/15/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-01A

Client Sample ID: ASG-22-5.0
Tag Number: 00619
Collection Date: 6/13/2006 7:16:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Tetrachloroethene	420 J	5.0	2.9 J	0.034	D2	10	6/15/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/15/2006
Toluene	11 U	5.0	0.042 U	0.019		10	6/15/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Surr: 4-Bromofluorobenzene	99.4 %REC	70-130	-	-		10	6/15/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/15/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-02A

Client Sample ID: ASG-22-14.0
Tag Number: 00206
Collection Date: 6/13/2006 7:48:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/15/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/15/2006
1,2,4-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/15/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/15/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/15/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dioxane	< 100 UJ	100	< 0.37 UJ	0.37	L1	20	6/15/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/15/2006
2-Butanone (MEK)	< 20	20	< 0.060	0.060		20	6/15/2006
2-Hexanone	< 20 UJ	20	< 0.083 UJ	0.083	L1	20	6/15/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/15/2006
4-Ethyltoluene	< 10	10	< 0.044	0.044		20	6/15/2006
4-Methyl-2-pentanone	< 20 UJ	20	< 0.083 UJ	0.083		20	6/15/2006
Acetone	< 100	100	< 0.24	0.24		20	6/15/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/15/2006
Benzene	< 10	10	< 0.032	0.032		20	6/15/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/15/2006

Qualifiers:
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R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-02A

Client Sample ID: ASG-22-14.0
Tag Number: 00206
Collection Date: 6/13/2006 7:48:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/15/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/15/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/15/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/15/2006
Carbon disulfide	24	10	0.076	0.032		20	6/15/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/15/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/15/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/15/2006
Chloroform	26	10	0.13	0.050		20	6/15/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/15/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Cyclohexane	< 10	10	< 0.035	0.035		20	6/15/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/15/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/15/2006
Ethyl Acetate	< 10	10	< 0.037	0.037		20	6/15/2006
Ethylbenzene	< 10	10	< 0.044	0.044		20	6/15/2006
Heptane	< 10	10	< 0.042	0.042		20	6/15/2006
Hexachlorobutadiene	< 20 UJ	20	< 0.22 UJ	0.22	V1L1	20	6/15/2006
Hexane	< 10	10	< 0.036	0.036		20	6/15/2006
m&p-Xylene	< 20	20	< 0.088	0.088		20	6/15/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/15/2006
Methylene chloride	< 10	10	< 0.035	0.035		20	6/15/2006
o-Xylene	< 10	10	< 0.044	0.044		20	6/15/2006
Propene (Propylene)	68	10	0.12	0.018	D2	20	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-02A

Client Sample ID: ASG-22-14.0
Tag Number: 00206
Collection Date: 6/13/2006 7:48:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/15/2006
Tetrachloroethene	180 J	10	1.2 J	0.069	D2	20	6/15/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/15/2006
Toluene	< 10	10	< 0.038	0.038		20	6/15/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/15/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/15/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/15/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/15/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/15/2006
Surr: 4-Bromofluorobenzene	96.9 %REC	70-130	-	-		20	6/15/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/15/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-03A

Client Sample ID: AMBIENT-02
Tag Number: 00227
Collection Date: 6/13/2006 8:12:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
1,1,2,2-Tetrachloroethane	< 0.50	0.50	< 0.0035	0.0035		1	6/17/2006
1,1,2-Trichloroethane	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
1,1-Dichloroethane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
1,1-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
1,2,4-Trichlorobenzene	< 2.0	2.0	< 0.015	0.015		1	6/17/2006
1,2,4-Trimethylbenzene	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
1,2-Dibromoethane	< 0.50	0.50	< 0.0039	0.0039		1	6/17/2006
1,2-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,2-Dichloroethane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
1,2-Dichloropropane	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
1,3,5-Trimethylbenzene	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
1,3-Butadiene	< 0.50	0.50	< 0.0011	0.0011		1	6/17/2006
1,3-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,4-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,4-Dioxane	< 5.0 U J	5.0	< 0.018 U J	0.018	N1	1	6/17/2006
2,2,4-Trimethylpentane	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
2-Butanone (MEK)	< 1.0	1.0	< 0.0030	0.0030		1	6/17/2006
2-Hexanone	< 1.0	1.0	< 0.0042	0.0042		1	6/17/2006
2-Propanol	< 2.0	2.0	< 0.0050	0.0050		1	6/17/2006
4-Ethyltoluene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
4-Methyl-2-pentanone	< 1.0	1.0	< 0.0042	0.0042		1	6/17/2006
Acetone	< 5.0	5.0	< 0.012	0.012		1	6/17/2006
Allyl chloride	< 0.50	0.50	< 0.00080	0.00080		1	6/17/2006
Benzene	< 0.50	0.50	< 0.0016	0.0016		1	6/17/2006
Benzyl chloride	< 2.0	2.0	< 0.011	0.011		1	6/17/2006

Qualifiers:
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R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-03A

Client Sample ID: AMBIENT-02
Tag Number: 00227
Collection Date: 6/13/2006 8:12:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 0.50	0.50	< 0.0034	0.0034		1	6/17/2006
Bromoethene(Vinyl Bromide)	< 0.50	0.50	< 0.0011	0.0011		1	6/17/2006
Bromoform	< 0.50	0.50	< 0.0052	0.0052		1	6/17/2006
Bromomethane	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
Carbon disulfide	< 0.50	0.50	< 0.0016	0.0016		1	6/17/2006
Carbon tetrachloride	< 0.50	0.50	< 0.0032	0.0032		1	6/17/2006
Chlorobenzene	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
Chloroethane	< 0.50	0.50	< 0.0013	0.0013		1	6/17/2006
Chloroform	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
Chloromethane	0.52	0.50	0.0011	0.0010		1	6/17/2006
cis-1,2-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
cis-1,3-Dichloropropene	< 0.50	0.50	< 0.0023	0.0023		1	6/17/2006
Cyclohexane	< 0.50	0.50	< 0.0017	0.0017		1	6/17/2006
Dibromochloromethane	< 0.50	0.50	< 0.0043	0.0043		1	6/17/2006
Dichlorodifluoromethane(F-12)	0.67	0.50	0.0034	0.0025		1	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50	< 0.0036	0.0036		1	6/17/2006
Ethyl Acetate	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
Ethylbenzene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Heptane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
Hexachlorobutadiene	< 1.0	1.0	< 0.011	0.011		1	6/17/2006
Hexane	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
m&p-Xylene	< 1.0	1.0	< 0.0044	0.0044		1	6/17/2006
Methyl tert-butyl ether	< 1.0	1.0	< 0.0037	0.0037		1	6/17/2006
Methylene chloride	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
o-Xylene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Propene (Propylene)	< 0.50	0.50	< 0.00088	0.00088		1	6/17/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-03A

Client Sample ID: AMBIENT-02
Tag Number: 00227
Collection Date: 6/13/2006 8:12:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Tetrachloroethene	< 0.50	0.50	< 0.0034	0.0034		1	6/17/2006
Tetrahydrofuran	< 2.0	2.0	< 0.0060	0.0060		1	6/17/2006
Toluene	0.64 U	0.50	0.0025 U	0.0019		1	6/17/2006
trans-1,2-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
trans-1,3-Dichloropropene	< 0.50	0.50	< 0.0023	0.0023		1	6/17/2006
Trichloroethene	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
Trichlorofluoromethane(F-11)	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
Trichlorotrifluoroethane(F-113)	< 0.50	0.50	< 0.0039	0.0039		1	6/17/2006
Vinyl acetate	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
Vinyl chloride	< 0.50	0.50	< 0.0013	0.0013		1	6/17/2006
Surr: 4-Bromofluorobenzene	98.6 %REC	70-130	-	-		1	6/17/2006
TIC: Difluoroethane	< 5.0	5.0	-	-	T4	1	6/17/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax: 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-04A

Client Sample ID: ASG-20-5.0
Tag Number: 00612
Collection Date: 6/13/2006 8:46:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/15/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/15/2006
1,2,4-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
1,3,5-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dioxane	< 50 UJ	50	< 0.18 UJ	0.18	L1	10	6/15/2006
2,2,4-Trimethylpentane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
2-Butanone (MEK)	10	10	0.030	0.030		10	6/15/2006
2-Hexanone	< 10 UJ	10	< 0.042 UJ	0.042	L1	10	6/15/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/15/2006
4-Ethyltoluene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
4-Methyl-2-pentanone	< 10 UJ	10	< 0.042 UJ	0.042		10	6/15/2006
Acetone	480	50	1.2	0.12	D2	10	6/15/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/15/2006
Benzene	10	5.0	0.032	0.016		10	6/15/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/15/2006

Qualifiers:
ND - Not Detected at the Reporting Limit
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-04A

Client Sample ID: ASG-20-5.0
Tag Number: 00612
Collection Date: 6/13/2006 8:46:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/15/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/15/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
Carbon disulfide	< 5.0	5.0	< 0.016	0.016		10	6/15/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/15/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Chloroform	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/15/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Cyclohexane	< 5.0	5.0	< 0.017	0.017		10	6/15/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/15/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/15/2006
Ethyl Acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Ethylbenzene	41	5.0	0.18	0.022		10	6/15/2006
Heptane	6.7 U	5.0	0.028U	0.021		10	6/15/2006
Hexachlorobutadiene	< 10 UJ	10	< 0.11UJ	0.11	V1L1	10	6/15/2006
Hexane	8.3	5.0	0.030U	0.018		10	6/15/2006
m&p-Xylene	140	10	0.62	0.044	D2	10	6/15/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/15/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
o-Xylene	22	5.0	0.097	0.022		10	6/15/2006
Propene (Propylene)	99	5.0	0.17	0.0088	D2	10	6/15/2006

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E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-04A

Client Sample ID: ASG-20-5.0
Tag Number: 00612
Collection Date: 6/13/2006 8:46:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Tetrachloroethene	7.3 J	5.0	0.050 J	0.034		10	6/15/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/15/2006
Toluene	11 U	5.0	0.042 U	0.019		10	6/15/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Surr: 4-Bromofluorobenzene	98.7 %REC	70-130	-	-		10	6/15/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/15/2006

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-05A

Client Sample ID: ASG-20-10.5
Tag Number: 00933
Collection Date: 6/13/2006 9:23:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/17/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/17/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/17/2006
1,2,4-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/17/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/17/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
1,3,5-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/17/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,4-Dioxane	< 50 UJ	50	< 0.18	0.18	N1	10	6/17/2006
2,2,4-Trimethylpentane	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
2-Butanone (MEK)	25	10	0.075	0.030		10	6/17/2006
2-Hexanone	< 10	10	< 0.042	0.042		10	6/17/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/17/2006
4-Ethyltoluene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
4-Methyl-2-pentanone	< 10	10	< 0.042	0.042		10	6/17/2006
Acetone	200 U	50	0.48 U	0.12	D2	10	6/17/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/17/2006
Benzene	< 5.0	5.0	< 0.016	0.016		10	6/17/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/17/2006

Qualifiers:
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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-05A

Client Sample ID: ASG-20-10.5
Tag Number: 00933
Collection Date: 6/13/2006 9:23:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/17/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/17/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/17/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
Carbon disulfide	13	5.0	0.041	0.016		10	6/17/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/17/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/17/2006
Chloroform	5.3	5.0	0.026	0.025		10	6/17/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/17/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/17/2006
Cyclohexane	< 5.0	5.0	< 0.017	0.017		10	6/17/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/17/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/17/2006
Ethyl Acetate	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
Ethylbenzene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Heptane	7.8 U	5.0	0.032 U	0.021		10	6/17/2006
Hexachlorobutadiene	< 10	10	< 0.11	0.11		10	6/17/2006
Hexane	5.6 U	5.0	0.020 U	0.018		10	6/17/2006
m&p-Xylene	< 10	10	< 0.044	0.044		10	6/17/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/17/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
o-Xylene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Propene (Propylene)	< 5.0	5.0	< 0.0088	0.0088		10	6/17/2006

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
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R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-05A

Client Sample ID: ASG-20-10.5
Tag Number: 00933
Collection Date: 6/13/2006 9:23:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Tetrachloroethene	61 J	5.0	0.42	0.034	D2	10	6/17/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/17/2006
Toluene	< 5.0	5.0	< 0.019	0.019		10	6/17/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/17/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/17/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/17/2006
Surr: 4-Bromofluorobenzene	98.7 %REC	70-130	-	-		10	6/17/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/17/2006

Qualifiers:

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-06A

Client Sample ID: ASG-19-5.0
Tag Number: 00224
Collection Date: 6/13/2006 10:40:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/15/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/15/2006
1,2,4-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
1,3,5-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dioxane	< 50 UJ	50	< 0.18	0.18	L1	10	6/15/2006
2,2,4-Trimethylpentane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
2-Butanone (MEK)	75	10	0.22	0.030	D2	10	6/15/2006
2-Hexanone	< 10 UJ	10	< 0.042	0.042	L1	10	6/15/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/15/2006
4-Ethyltoluene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
4-Methyl-2-pentanone	< 10 UJ	10	< 0.042	0.042		10	6/15/2006
Acetone	470	50	1.1	0.12	D2	10	6/15/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/15/2006
Benzene	11	5.0	0.036	0.016		10	6/15/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/15/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-06A

Client Sample ID: ASG-19-5.0
Tag Number: 00224
Collection Date: 6/13/2006 10:40:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/15/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/15/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
Carbon disulfide	6.4	5.0	0.020	0.016		10	6/15/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/15/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Chloroform	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/15/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Cyclohexane	6.6 U	5.0	0.023 U	0.017		10	6/15/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/15/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/15/2006
Ethyl Acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Ethylbenzene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Heptane	21	5.0	0.087	0.021		10	6/15/2006
Hexachlorobutadiene	< 10 UJ	10	< 0.11	0.11	V1L1	10	6/15/2006
Hexane	13 U	5.0	0.046 U	0.018		10	6/15/2006
m&p-Xylene	< 10	10	< 0.044	0.044		10	6/15/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/15/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
o-Xylene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Propene (Propylene)	110	5.0	0.19	0.0088	D2	10	6/15/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-06A

Client Sample ID: ASG-19-5.0
Tag Number: 00224
Collection Date: 6/13/2006 10:40:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Tetrachloroethene	78 J	5.0	0.54	0.034	D2	10	6/15/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/15/2006
Toluene	9.1	5.0	0.035 U	0.019		10	6/15/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Surr: 4-Bromofluorobenzene	97.1 %REC	70-130	-	-		10	6/15/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/15/2006

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E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-07A

Client Sample ID: ASG-19-13.0
Tag Number: 00613
Collection Date: 6/13/2006 11:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/17/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/17/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/17/2006
1,2,4-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/17/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/17/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
1,3,5-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/17/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,4-Dioxane	< 50 UJ	50	< 0.18	0.18	N1	10	6/17/2006
2,2,4-Trimethylpentane	180	5.0	0.85	0.024	D2	10	6/17/2006
2-Butanone (MEK)	18	10	0.054	0.030		10	6/17/2006
2-Hexanone	< 10	10	< 0.042	0.042		10	6/17/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/17/2006
4-Ethyltoluene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
4-Methyl-2-pentanone	< 10	10	< 0.042	0.042		10	6/17/2006
Acetone	190 U	50	0.46 U	0.12	D2	10	6/17/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/17/2006
Benzene	5.8	5.0	0.019	0.016		10	6/17/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/17/2006

Qualifiers:
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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-07A

Client Sample ID: ASG-19-13.0
Tag Number: 00613
Collection Date: 6/13/2006 11:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/17/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/17/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/17/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
Carbon disulfide	25	5.0	0.079	0.016		10	6/17/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/17/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/17/2006
Chloroform	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/17/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/17/2006
Cyclohexane	6.0 ul	5.0	0.021 ul	0.017		10	6/17/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/17/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/17/2006
Ethyl Acetate	81	5.0	0.30	0.018	D2	10	6/17/2006
Ethylbenzene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Heptane	7.9 ul	5.0	0.033 ul	0.021		10	6/17/2006
Hexachlorobutadiene	< 10	10	< 0.11	0.11		10	6/17/2006
Hexane	7.2 ul	5.0	0.026 ul	0.018		10	6/17/2006
m&p-Xylene	< 10	10	< 0.044	0.044		10	6/17/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/17/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
o-Xylene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Propene (Propylene)	< 5.0	5.0	< 0.0088	0.0088		10	6/17/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-07A

Client Sample ID: ASG-19-13.0
Tag Number: 00613
Collection Date: 6/13/2006 11:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Tetrachloroethene	26 J	5.0	0.18	0.034		10	6/17/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/17/2006
Toluene	7.3 U	5.0	0.028 U	0.019		10	6/17/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/17/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/17/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/17/2006
Surr: 4-Bromofluorobenzene	97.7 %REC	70-130	-	-		10	6/17/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/17/2006

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-08A

Client Sample ID: DUP-02
Tag Number: 00308
Collection Date: 6/13/2006 11:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/17/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/17/2006
1,2,4-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/17/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/17/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/17/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/17/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/17/2006
1,4-Dioxane	< 25 U5	25	< 0.092	0.092	N1	5	6/17/2006
2,2,4-Trimethylpentane	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
2-Butanone (MEK)	30	5.0	0.090	0.015		5	6/17/2006
2-Hexanone	< 5.0	5.0	< 0.021	0.021		5	6/17/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/17/2006
4-Ethyltoluene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
4-Methyl-2-pentanone	< 5.0	5.0	< 0.021	0.021		5	6/17/2006
Acetone	150 U	25	0.36 U	0.060	D2	5	6/17/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/17/2006
Benzene	7.3	2.5	0.024	0.0081		5	6/17/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/17/2006

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-08A

Client Sample ID: DUP-02
Tag Number: 00308
Collection Date: 6/13/2006 11:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/17/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/17/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/17/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/17/2006
Carbon disulfide	34	2.5	0.11	0.0079		5	6/17/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/17/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/17/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/17/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/17/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/17/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/17/2006
Ethyl Acetate	11 U	2.5	0.040 U	0.0092		5	6/17/2006
Ethylbenzene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
Heptane	12 U	2.5	0.050 U	0.010		5	6/17/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054		5	6/17/2006
Hexane	10 U	2.5	0.036 U	0.0089		5	6/17/2006
m&p-Xylene	< 5.0	5.0	< 0.022	0.022		5	6/17/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/17/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/17/2006
o-Xylene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
Propene (Propylene)	< 2.5	2.5	< 0.0044	0.0044		5	6/17/2006

Qualifiers:
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-08A

Client Sample ID: DUP-02
Tag Number: 00308
Collection Date: 6/13/2006 11:17:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
Tetrachloroethene	39 J	2.5	0.27	0.017		5	6/17/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/17/2006
Toluene	5.7 U	2.5	0.022 U	0.0096		5	6/17/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/17/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/17/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/17/2006
Surr: 4-Bromofluorobenzene	98.1 %REC	70-130	-	-		5	6/17/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/17/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-09A

Client Sample ID: ASG-17-5.0
Tag Number: 00194
Collection Date: 6/13/2006 12:02:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.0	2.0	< 0.011	0.011		4	6/20/2006
1,1,2,2-Tetrachloroethane	< 2.0	2.0	< 0.014	0.014		4	6/20/2006
1,1,2-Trichloroethane	< 2.0	2.0	< 0.011	0.011		4	6/20/2006
1,1-Dichloroethane	< 2.0	2.0	< 0.0082	0.0082		4	6/20/2006
1,1-Dichloroethene	< 2.0	2.0	< 0.0081	0.0081		4	6/20/2006
1,2,4-Trichlorobenzene	< 8.0	8.0	< 0.060	0.060		4	6/20/2006
1,2,4-Trimethylbenzene	< 2.0	2.0	< 0.010	0.010		4	6/20/2006
1,2-Dibromoethane	< 2.0	2.0	< 0.016	0.016		4	6/20/2006
1,2-Dichlorobenzene	< 2.0	2.0	< 0.012	0.012		4	6/20/2006
1,2-Dichloroethane	< 2.0	2.0	< 0.0082	0.0082		4	6/20/2006
1,2-Dichloropropane	< 2.0	2.0	< 0.0094	0.0094		4	6/20/2006
1,3,5-Trimethylbenzene	< 2.0	2.0	< 0.010	0.010		4	6/20/2006
1,3-Butadiene	< 2.0	2.0	< 0.0045	0.0045		4	6/20/2006
1,3-Dichlorobenzene	< 2.0	2.0	< 0.012	0.012		4	6/20/2006
1,4-Dichlorobenzene	< 2.0	2.0	< 0.012	0.012		4	6/20/2006
1,4-Dioxane	< 20 UJ	20	< 0.073	0.073	N1	4	6/20/2006
2,2,4-Trimethylpentane	< 2.0	2.0	< 0.0095	0.0095		4	6/20/2006
2-Butanone (MEK)	12	4.0	0.036	0.012		4	6/20/2006
2-Hexanone	< 4.0	4.0	< 0.017	0.017		4	6/20/2006
2-Propanol	< 8.0	8.0	< 0.020	0.020		4	6/20/2006
4-Ethyltoluene	< 2.0	2.0	< 0.0088	0.0088		4	6/20/2006
4-Methyl-2-pentanone	< 4.0	4.0	< 0.017	0.017		4	6/20/2006
Acetone	110 U	20	0.27 U	0.048	D2	4	6/20/2006
Allyl chloride	< 2.0	2.0	< 0.0032	0.0032		4	6/20/2006
Benzene	5.0	2.0	0.016	0.0065		4	6/20/2006
Benzyl chloride	< 8.0	8.0	< 0.042	0.042		4	6/20/2006

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

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Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-09A

Client Sample ID: ASG-17-5.0
Tag Number: 00194
Collection Date: 6/13/2006 12:02:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Bromodichloromethane	< 2.0	2.0	< 0.014	0.014		4	6/20/2006
Bromoethene(Vinyl Bromide)	< 2.0	2.0	< 0.0044	0.0044		4	6/20/2006
Bromoform	< 2.0	2.0	< 0.021	0.021		4	6/20/2006
Bromomethane	< 2.0	2.0	< 0.0079	0.0079		4	6/20/2006
Carbon disulfide	2.4	2.0	0.0076	0.0063		4	6/20/2006
Carbon tetrachloride	< 2.0	2.0	< 0.013	0.013		4	6/20/2006
Chlorobenzene	< 2.0	2.0	< 0.0094	0.0094		4	6/20/2006
Chloroethane	< 2.0	2.0	< 0.0054	0.0054		4	6/20/2006
Chloroform	< 2.0	2.0	< 0.0099	0.0099		4	6/20/2006
Chloromethane	< 2.0	2.0	< 0.0042	0.0042		4	6/20/2006
cis-1,2-Dichloroethene	< 2.0	2.0	< 0.0080	0.0080		4	6/20/2006
cis-1,3-Dichloropropene	< 2.0	2.0	< 0.0092	0.0092		4	6/20/2006
Cyclohexane	< 2.0	2.0	< 0.0070	0.0070		4	6/20/2006
Dibromochloromethane	< 2.0	2.0	< 0.017	0.017		4	6/20/2006
Dichlorodifluoromethane(F-12)	< 2.0	2.0	< 0.010	0.010		4	6/20/2006
Dichlorotetrafluoroethane(F-114)	< 2.0	2.0	< 0.014	0.014		4	6/20/2006
Ethyl Acetate	12 U	2.0	0.044 U	0.0073		4	6/20/2006
Ethylbenzene	< 2.0	2.0	< 0.0088	0.0088		4	6/20/2006
Heptane	8.4 U	2.0	0.035 U	0.0083		4	6/20/2006
Hexachlorobutadiene	< 4.0	4.0	< 0.043	0.043		4	6/20/2006
Hexane	4.2 U	2.0	0.015 U	0.0071		4	6/20/2006
m&p-Xylene	< 4.0	4.0	< 0.018	0.018		4	6/20/2006
Methyl tert-butyl ether	< 4.0	4.0	< 0.015	0.015		4	6/20/2006
Methylene chloride	< 2.0	2.0	< 0.0071	0.0071		4	6/20/2006
o-Xylene	< 2.0	2.0	< 0.0088	0.0088		4	6/20/2006
Propene (Propylene)	30	2.0	0.052	0.0035		4	6/20/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-09A

Client Sample ID: ASG-17-5.0
Tag Number: 00194
Collection Date: 6/13/2006 12:02:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Styrene	< 2.0	2.0	< 0.0086	0.0086		4	6/20/2006
Tetrachloroethene	73 J	2.0	0.50 J	0.014	D2	4	6/20/2006
Tetrahydrofuran	< 8.0	8.0	< 0.024	0.024		4	6/20/2006
Toluene	4.2 U	2.0	0.016 U	0.0077		4	6/20/2006
trans-1,2-Dichloroethene	< 2.0	2.0	< 0.0080	0.0080		4	6/20/2006
trans-1,3-Dichloropropene	< 2.0	2.0	< 0.0092	0.0092		4	6/20/2006
Trichloroethene	< 2.0	2.0	< 0.011	0.011		4	6/20/2006
Trichlorofluoromethane(F-11)	< 2.0	2.0	< 0.011	0.011		4	6/20/2006
Trichlorotrifluoroethane(F-113)	< 2.0	2.0	< 0.016	0.016		4	6/20/2006
Vinyl acetate	< 2.0	2.0	< 0.0071	0.0071		4	6/20/2006
Vinyl chloride	< 2.0	2.0	< 0.0052	0.0052		4	6/20/2006
Surr: 4-Bromofluorobenzene	101 %REC	70-130	-	-		4	6/20/2006
TIC: Difluoroethane	< 20	20	-	-	T4	4	6/20/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-10A

Client Sample ID: ASG-17-12.0
Tag Number: 01428
Collection Date: 6/13/2006 12:31:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 1.0	1.0	< 0.0055	0.0055		2	6/20/2006
1,1,2,2-Tetrachloroethane	< 1.0	1.0	< 0.0070	0.0070		2	6/20/2006
1,1,2-Trichloroethane	< 1.0	1.0	< 0.0055	0.0055		2	6/20/2006
1,1-Dichloroethane	< 1.0	1.0	< 0.0041	0.0041		2	6/20/2006
1,1-Dichloroethene	< 1.0	1.0	< 0.0040	0.0040		2	6/20/2006
1,2,4-Trichlorobenzene	< 4.0	4.0	< 0.030	0.030		2	6/20/2006
1,2,4-Trimethylbenzene	< 1.0	1.0	< 0.0050	0.0050		2	6/20/2006
1,2-Dibromoethane	< 1.0	1.0	< 0.0078	0.0078		2	6/20/2006
1,2-Dichlorobenzene	< 1.0	1.0	< 0.0061	0.0061		2	6/20/2006
1,2-Dichloroethane	< 1.0	1.0	< 0.0041	0.0041		2	6/20/2006
1,2-Dichloropropane	< 1.0	1.0	< 0.0047	0.0047		2	6/20/2006
1,3,5-Trimethylbenzene	< 1.0	1.0	< 0.0050	0.0050		2	6/20/2006
1,3-Butadiene	< 1.0	1.0	< 0.0022	0.0022		2	6/20/2006
1,3-Dichlorobenzene	< 1.0	1.0	< 0.0061	0.0061		2	6/20/2006
1,4-Dichlorobenzene	< 1.0	1.0	< 0.0061	0.0061		2	6/20/2006
1,4-Dioxane	< 10 UJ	10	< 0.037	0.037	N1	2	6/20/2006
2,2,4-Trimethylpentane	< 1.0	1.0	< 0.0047	0.0047		2	6/20/2006
2-Butanone (MEK)	25	2.0	0.075	0.0060		2	6/20/2006
2-Hexanone	< 2.0	2.0	< 0.0083	0.0083		2	6/20/2006
2-Propanol	< 4.0	4.0	< 0.010	0.010		2	6/20/2006
4-Ethyltoluene	< 1.0	1.0	< 0.0044	0.0044		2	6/20/2006
4-Methyl-2-pentanone	< 2.0	2.0	< 0.0083	0.0083		2	6/20/2006
Acetone	90 U	10	0.22 U	0.024	D2	2	6/20/2006
Allyl chloride	< 1.0	1.0	< 0.0016	0.0016		2	6/20/2006
Benzene	9.3	1.0	0.030	0.0032		2	6/20/2006
Benzyl chloride	< 4.0	4.0	< 0.021	0.021		2	6/20/2006

Qualifiers:
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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-10A

Client Sample ID: ASG-17-12.0
Tag Number: 01428
Collection Date: 6/13/2006 12:31:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 1.0	1.0	< 0.0068	0.0068		2	6/20/2006
Bromoethene(Vinyl Bromide)	< 1.0	1.0	< 0.0022	0.0022		2	6/20/2006
Bromoform	< 1.0	1.0	< 0.010	0.010		2	6/20/2006
Bromomethane	< 1.0	1.0	< 0.0040	0.0040		2	6/20/2006
Carbon disulfide	35	1.0	0.11	0.0032		2	6/20/2006
Carbon tetrachloride	< 1.0	1.0	< 0.0064	0.0064		2	6/20/2006
Chlorobenzene	< 1.0	1.0	< 0.0047	0.0047		2	6/20/2006
Chloroethane	< 1.0	1.0	< 0.0027	0.0027		2	6/20/2006
Chloroform	1.8	1.0	0.0089	0.0050		2	6/20/2006
Chloromethane	< 1.0	1.0	< 0.0021	0.0021		2	6/20/2006
cis-1,2-Dichloroethene	< 1.0	1.0	< 0.0040	0.0040		2	6/20/2006
cis-1,3-Dichloropropene	< 1.0	1.0	< 0.0046	0.0046		2	6/20/2006
Cyclohexane	1.5 U	1.0	0.0052 U	0.0035		2	6/20/2006
Dibromochloromethane	< 1.0	1.0	< 0.0086	0.0086		2	6/20/2006
Dichlorodifluoromethane(F-12)	1.3	1.0	0.0065	0.0050		2	6/20/2006
Dichlorotetrafluoroethane(F-114)	< 1.0	1.0	< 0.0071	0.0071		2	6/20/2006
Ethyl Acetate	7.5	1.0	0.027	0.0037		2	6/20/2006
Ethylbenzene	< 1.0	1.0	< 0.0044	0.0044		2	6/20/2006
Heptane	8.0 U	1.0	0.033 U	0.0042		2	6/20/2006
Hexachlorobutadiene	< 2.0	2.0	< 0.022	0.022		2	6/20/2006
Hexane	6.9 U	1.0	0.025 U	0.0036		2	6/20/2006
m&p-Xylene	< 2.0	2.0	< 0.0088	0.0088		2	6/20/2006
Methyl tert-butyl ether	< 2.0	2.0	< 0.0073	0.0073		2	6/20/2006
Methylene chloride	< 1.0	1.0	< 0.0035	0.0035		2	6/20/2006
o-Xylene	< 1.0	1.0	< 0.0044	0.0044		2	6/20/2006
Propene (Propylene)	160	2.0	0.28	0.0035	D2	4	6/24/2006

Qualifiers:
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R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-10A

Client Sample ID: ASG-17-12.0
Tag Number: 01428
Collection Date: 6/13/2006 12:31:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Styrene	< 1.0	1.0	< 0.0043	0.0043		2	6/20/2006
Tetrachloroethene	90 J	1.0	0.62 J	0.0069	D2	2	6/20/2006
Tetrahydrofuran	< 4.0	4.0	< 0.012	0.012		2	6/20/2006
Toluene	4.4 U	1.0	0.017 U	0.0038		2	6/20/2006
trans-1,2-Dichloroethene	< 1.0	1.0	< 0.0040	0.0040		2	6/20/2006
trans-1,3-Dichloropropene	< 1.0	1.0	< 0.0046	0.0046		2	6/20/2006
Trichloroethene	< 1.0	1.0	< 0.0055	0.0055		2	6/20/2006
Trichlorofluoromethane(F-11)	1.2	1.0	0.0068	0.0057		2	6/20/2006
Trichlorotrifluoroethane(F-113)	< 1.0	1.0	< 0.0078	0.0078		2	6/20/2006
Vinyl acetate	< 1.0	1.0	< 0.0036	0.0036		2	6/20/2006
Vinyl chloride	< 1.0	1.0	< 0.0026	0.0026		2	6/20/2006
Surr: 4-Bromofluorobenzene	98.5 %REC	70-130	-	-		2	6/20/2006
TIC: Difluoroethane	< 10	10	-	-	T4	2	6/20/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-11A

Client Sample ID: EB-02
Tag Number: 00672
Collection Date: 6/13/2006 2:30:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/17/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/17/2006
1,2,4-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/17/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/17/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/17/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/17/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/17/2006
1,4-Dioxane	< 25 UJ	25	< 0.092	0.092	N1	5	6/17/2006
2,2,4-Trimethylpentane	16	2.5	0.076	0.012		5	6/17/2006
2-Butanone (MEK)	< 5.0	5.0	< 0.015	0.015		5	6/17/2006
2-Hexanone	< 5.0	5.0	< 0.021	0.021		5	6/17/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/17/2006
4-Ethyltoluene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
4-Methyl-2-pentanone	< 5.0	5.0	< 0.021	0.021		5	6/17/2006
Acetone	88	25	0.21	0.060	D2	5	6/17/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/17/2006
Benzene	< 2.5	2.5	< 0.0081	0.0081		5	6/17/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/17/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-11A

Client Sample ID: EB-02
Tag Number: 00672
Collection Date: 6/13/2006 2:30:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/17/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/17/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/17/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/17/2006
Carbon disulfide	< 2.5	2.5	< 0.0079	0.0079		5	6/17/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/17/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/17/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/17/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Cyclohexane	11	2.5	0.038	0.0087		5	6/17/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/17/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/17/2006
Ethyl Acetate	3.0	2.5	0.011	0.0092		5	6/17/2006
Ethylbenzene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
Heptane	3.8	2.5	0.016	0.010		5	6/17/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054		5	6/17/2006
Hexane	6.4	2.5	0.023	0.0089		5	6/17/2006
m&p-Xylene	< 5.0	5.0	< 0.022	0.022		5	6/17/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/17/2006
Methylene chloride	11	2.5	0.039	0.0088		5	6/17/2006
o-Xylene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
Propene (Propylene)	< 2.5	2.5	< 0.0044	0.0044		5	6/17/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-11A

Client Sample ID: EB-02
Tag Number: 00672
Collection Date: 6/13/2006 2:30:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/17/2006
Tetrachloroethene	< 2.5	2.5	< 0.017	0.017		5	6/17/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/17/2006
Toluene	4.0	2.5	0.015	0.0096		5	6/17/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/17/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/17/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 0.014	0.014		5	6/17/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/17/2006
Vinyl acetate	3.0	2.5	0.011	0.0089		5	6/17/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/17/2006
Surr: 4-Bromofluorobenzene	98.8 %REC	70-130	-	-		5	6/17/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/17/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-12A

Client Sample ID: ASG-18-5.0
Tag Number: 01280
Collection Date: 6/13/2006 3:06:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/17/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/17/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/17/2006
1,2,4-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/17/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/17/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
1,3,5-Trimethylbenzene	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/17/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/17/2006
1,4-Dioxane	< 50 UJ	50	< 0.18	0.18	N1	10	6/17/2006
2,2,4-Trimethylpentane	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
2-Butanone (MEK)	13	10	0.039	0.030		10	6/17/2006
2-Hexanone	< 10	10	< 0.042	0.042		10	6/17/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/17/2006
4-Ethyltoluene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
4-Methyl-2-pentanone	< 10	10	< 0.042	0.042		10	6/17/2006
Acetone	120	50	0.29	0.12	D2	10	6/17/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/17/2006
Benzene	16	5.0	0.052	0.016		10	6/17/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/17/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-12A

Client Sample ID: ASG-18-5.0
Tag Number: 01280
Collection Date: 6/13/2006 3:06:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/17/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/17/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/17/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
Carbon disulfide	< 5.0	5.0	< 0.016	0.016		10	6/17/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/17/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/17/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/17/2006
Chloroform	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/17/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/17/2006
Cyclohexane	< 5.0	5.0	< 0.017	0.017		10	6/17/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/17/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/17/2006
Ethyl Acetate	20	5.0	0.073	0.018		10	6/17/2006
Ethylbenzene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Heptane	5.7 J	5.0	0.024 J	0.021		10	6/17/2006
Hexachlorobutadiene	< 10	10	< 0.11	0.11		10	6/17/2006
Hexane	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
m&p-Xylene	< 10	10	< 0.044	0.044		10	6/17/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/17/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
o-Xylene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Propene (Propylene)	< 5.0	5.0	< 0.0088	0.0088		10	6/17/2006

Qualifiers:
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-12A

Client Sample ID: ASG-18-5.0
Tag Number: 01280
Collection Date: 6/13/2006 3:06:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/17/2006
Tetrachloroethene	8.5 J	5.0	0.059	0.034		10	6/17/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/17/2006
Toluene	< 5.0	5.0	< 0.019	0.019		10	6/17/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/17/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/17/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
Trichlorofluoromethane(F-11)	< 5.0	5.0	< 0.028	0.028		10	6/17/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/17/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/17/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/17/2006
Surr: 4-Bromofluorobenzene	99.3 %REC	70-130	-	-		10	6/17/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/17/2006

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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-13A

Client Sample ID: ASG-18-14.0
Tag Number: 01302
Collection Date: 6/13/2006 3:38:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 25	25	< 0.14	0.14		50	6/24/2006
1,1,2,2-Tetrachloroethane	< 25	25	< 0.17	0.17		50	6/24/2006
1,1,2-Trichloroethane	< 25	25	< 0.14	0.14		50	6/24/2006
1,1-Dichloroethane	< 25	25	< 0.10	0.10		50	6/24/2006
1,1-Dichloroethene	< 25	25	< 0.10	0.10		50	6/24/2006
1,2,4-Trichlorobenzene	< 100	100	< 0.75	0.75		50	6/24/2006
1,2,4-Trimethylbenzene	< 25	25	< 0.12	0.12		50	6/24/2006
1,2-Dibromoethane	< 25	25	< 0.20	0.20		50	6/24/2006
1,2-Dichlorobenzene	< 25	25	< 0.15	0.15		50	6/24/2006
1,2-Dichloroethane	< 25	25	< 0.10	0.10		50	6/24/2006
1,2-Dichloropropane	< 25	25	< 0.12	0.12		50	6/24/2006
1,3,5-Trimethylbenzene	< 25	25	< 0.12	0.12		50	6/24/2006
1,3-Butadiene	< 25	25	< 0.056	0.056		50	6/24/2006
1,3-Dichlorobenzene	< 25	25	< 0.15	0.15		50	6/24/2006
1,4-Dichlorobenzene	< 25	25	< 0.15	0.15		50	6/24/2006
1,4-Dioxane	< 250	250	< 0.92	0.92		50	6/24/2006
2,2,4-Trimethylpentane	< 25	25	< 0.12	0.12		50	6/24/2006
2-Butanone (MEK)	< 50	50	< 0.15	0.15		50	6/24/2006
2-Hexanone	< 50	50	< 0.21	0.21		50	6/24/2006
2-Propanol	< 100	100	< 0.25	0.25		50	6/24/2006
4-Ethyltoluene	< 25	25	< 0.11	0.11		50	6/24/2006
4-Methyl-2-pentanone	< 50	50	< 0.21	0.21		50	6/24/2006
Acetone	810	250	2.0	0.60	D2	50	6/24/2006
Allyl chloride	< 25	25	< 0.040	0.040		50	6/24/2006
Benzene	< 25	25	< 0.081	0.081		50	6/24/2006
Benzyl chloride	< 100	100	< 0.53	0.53		50	6/24/2006

Qualifiers:
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-13A

Client Sample ID: ASG-18-14.0
Tag Number: 01302
Collection Date: 6/13/2006 3:38:00 PM
Matrix: AIR

Analyst: KPD

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					
Bromodichloromethane	< 25	25	< 0.17	0.17		50	6/24/2006
Bromoethene(Vinyl Bromide)	< 25	25	< 0.056	0.056		50	6/24/2006
Bromoform	< 25	25	< 0.26	0.26		50	6/24/2006
Bromomethane	< 25	25	< 0.099	0.099		50	6/24/2006
Carbon disulfide	< 25	25	< 0.079	0.079		50	6/24/2006
Carbon tetrachloride	< 25	25	< 0.16	0.16		50	6/24/2006
Chlorobenzene	< 25	25	< 0.12	0.12		50	6/24/2006
Chloroethane	< 25	25	< 0.067	0.067		50	6/24/2006
Chloroform	< 25	25	< 0.12	0.12		50	6/24/2006
Chloromethane	< 25	25	< 0.052	0.052		50	6/24/2006
cis-1,2-Dichloroethene	< 25	25	< 0.10	0.10		50	6/24/2006
cis-1,3-Dichloropropene	< 25	25	< 0.12	0.12		50	6/24/2006
Cyclohexane	< 25	25	< 0.087	0.087		50	6/24/2006
Dibromochloromethane	< 25	25	< 0.22	0.22		50	6/24/2006
Dichlorodifluoromethane(F-12)	< 25	25	< 0.13	0.13		50	6/24/2006
Dichlorotetrafluoroethane(F-114)	< 25	25	< 0.18	0.18		50	6/24/2006
Ethyl Acetate	< 25	25	< 0.092	0.092		50	6/24/2006
Ethylbenzene	< 25	25	< 0.11	0.11		50	6/24/2006
Heptane	< 25	25	< 0.10	0.10		50	6/24/2006
Hexachlorobutadiene	< 50	50	< 0.54	0.54		50	6/24/2006
Hexane	< 25	25	< 0.089	0.089		50	6/24/2006
m&p-Xylene	< 50	50	< 0.22	0.22		50	6/24/2006
Methyl tert-butyl ether	< 50	50	< 0.18	0.18		50	6/24/2006
Methylene chloride	< 25	25	< 0.088	0.088		50	6/24/2006
o-Xylene	< 25	25	< 0.11	0.11		50	6/24/2006
Propene (Propylene)	< 25	25	< 0.044	0.044		50	6/24/2006

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

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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060468
Project: SRP/10108 Task 3
Lab ID: 06060468-13A

Client Sample ID: ASG-18-14.0
Tag Number: 01302
Collection Date: 6/13/2006 3:38:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 25	25	< 0.11	0.11		50	6/24/2006
Tetrachloroethene	120 J	25	0.83 J	0.17	D2	50	6/24/2006
Tetrahydrofuran	< 100	100	< 0.30	0.30		50	6/24/2006
Toluene	< 25	25	< 0.096	0.096		50	6/24/2006
trans-1,2-Dichloroethene	< 25	25	< 0.10	0.10		50	6/24/2006
trans-1,3-Dichloropropene	< 25	25	< 0.12	0.12		50	6/24/2006
Trichloroethene	< 25	25	< 0.14	0.14		50	6/24/2006
Trichlorofluoromethane(F-11)	< 25	25	< 0.14	0.14		50	6/24/2006
Trichlorotrifluoroethane(F-113)	< 25	25	< 0.19	0.19		50	6/24/2006
Vinyl acetate	< 25	25	< 0.089	0.089		50	6/24/2006
Vinyl chloride	< 25	25	< 0.065	0.065		50	6/24/2006
Surr: 4-Bromofluorobenzene	95.5 %REC	70-130	-	-		50	6/24/2006
TIC: Difluoroethane	< 250	250	-	-	T4	50	6/24/2006

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

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30-Jun-06

Aerotech Environmental, Inc.

Lab Order: 06060468
Client: Geomatrix Consultants
Project: SRP/10108 Task 3

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
06060468-01A	ASG-22-5.0	6/13/2006 7:16:00 AM	Air	Volatile Organics in Air			6/15/2006
06060468-02A	ASG-22-14.0	6/13/2006 7:48:00 AM		Volatile Organics in Air			6/15/2006
06060468-03A	AMBIENT-02	6/13/2006 8:12:00 AM		Volatile Organics in Air			6/17/2006
06060468-04A	ASG-20-5.0	6/13/2006 8:46:00 AM		Volatile Organics in Air			6/15/2006
06060468-05A	ASG-20-10.5	6/13/2006 9:23:00 AM		Volatile Organics in Air			6/17/2006
06060468-06A	ASG-19-5.0	6/13/2006 10:40:00 AM		Volatile Organics in Air			6/15/2006
06060468-07A	ASG-19-13.0	6/13/2006 11:17:00 AM		Volatile Organics in Air			6/17/2006
06060468-08A	DUP-02			Volatile Organics in Air			6/17/2006
06060468-09A	ASG-17-5.0	6/13/2006 12:02:00 PM		Volatile Organics in Air			6/20/2006
06060468-10A	ASG-17-12.0	6/13/2006 12:31:00 PM		Volatile Organics in Air			6/20/2006
				Volatile Organics in Air			6/24/2006
06060468-11A	EB-02	6/13/2006 2:30:00 PM		Volatile Organics in Air			6/17/2006
06060468-12A	ASG-18-5.0	6/13/2006 3:06:00 PM		Volatile Organics in Air			6/17/2006
06060468-13A	ASG-18-14.0	6/13/2006 3:38:00 PM		Volatile Organics in Air			6/24/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID MB-R75371 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75371
Client ID: | Batch ID: R75371 | TestNo: TO15 | Analysis Date: 6/15/2006 | SeqNo: 896017

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75371** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896017**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									V1
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID **MB-R75371** | SampType: **MBLK** | TestCode: **TO15** | Units: **ppbv** | Prep Date: | RunNo: **75371**
Client ID: | Batch ID: **R75371** | TestNo: **TO15** | Analysis Date: **6/15/2006** | SeqNo: **896017**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.760	0.50	10	0	97.6	70	130				

Sample ID **MB-R75442** | SampType: **MBLK** | TestCode: **TO15** | Units: **ppbv** | Prep Date: | RunNo: **75442**
Client ID: | Batch ID: **R75442** | TestNo: **TO15** | Analysis Date: **6/17/2006** | SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.650	0.50	10	0	96.5	70	130				

Sample ID **MB-R75467** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897078**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID MB-R75467 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75467
Client ID: | Batch ID: R75467 | TestNo: TO15 | Analysis Date: 6/20/2006 | SeqNo: 897078

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75467** SampType: **MBLK** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897078**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.810	0.50	10	0	98.1	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID MB-R75617 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75617
Client ID: | Batch ID: R75617 | TestNo: TO15 | Analysis Date: 6/24/2006 | SeqNo: 898733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID MB-R75617 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75617
Client ID: | Batch ID: R75617 | TestNo: TO15 | Analysis Date: 6/24/2006 | SeqNo: 898733

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75617** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898733**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.520	0.50	10	0	95.2	70	130				

Sample ID **LCS-R75371** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896140**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.550	0.50	10	0	95.5	65	135				
1,1,2,2-Tetrachloroethane	11.00	0.50	10	0	110	65	135				
1,1,2-Trichloroethane	12.23	0.50	10	0	122	65	135				
1,1-Dichloroethane	9.990	0.50	10	0	99.9	65	135				
1,1-Dichloroethene	10.22	0.50	10	0	102	65	135				
1,2,4-Trichlorobenzene	10.65	2.0	10	0	106	65	135				
1,2,4-Trimethylbenzene	10.98	0.50	10	0	110	65	135				
1,2-Dibromoethane	12.71	0.50	10	0	127	65	135				
1,2-Dichlorobenzene	11.56	0.50	10	0	116	65	135				
1,2-Dichloroethane	10.70	0.50	10	0	107	65	135				
1,2-Dichloropropane	11.24	0.50	10	0	112	65	135				
1,3,5-Trimethylbenzene	10.75	0.50	10	0	108	65	135				
1,3-Butadiene	11.03	0.50	10	0	110	65	135				
1,3-Dichlorobenzene	11.56	0.50	10	0	116	65	135				
1,4-Dichlorobenzene	11.20	0.50	10	0	112	65	135				
1,4-Dioxane	9.950	5.0	10	0	99.5	65	135				
2,2,4-Trimethylpentane	11.30	0.50	10	0	113	65	135				
2-Butanone (MEK)	10.01	1.0	10	0	100	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID LCS-R75371 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75371
Client ID: | Batch ID: R75371 | TestNo: TO15 | Analysis Date: 6/15/2006 | SeqNo: 896140

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	9.970	1.0	10	0	99.7	65	135				
2-Propanol	8.610	2.0	10	0	86.1	65	135				
4-Ethyltoluene	10.74	0.50	10	0	107	65	135				
4-Methyl-2-pentanone	9.360	1.0	10	0	93.6	65	135				
Acetone	9.460	5.0	10	0	94.6	65	135				
Allyl chloride	10.24	0.50	10	0	102	65	135				
Benzene	10.24	0.50	10	0	102	65	135				
Benzyl chloride	8.470	2.0	10	0	84.7	65	135				
Bromodichloromethane	11.77	0.50	10	0	118	65	135				
Bromoethene(Vinyl Bromide)	10.93	0.50	10	0	109	65	135				
Bromoform	11.49	0.50	10	0	115	65	135				
Bromomethane	10.74	0.50	10	0	107	65	135				
Carbon disulfide	10.30	0.50	10	0	103	65	135				
Carbon tetrachloride	10.91	0.50	10	0	109	65	135				
Chlorobenzene	11.00	0.50	10	0	110	65	135				
Chloroethane	11.14	0.50	10	0	111	65	135				
Chloroform	9.730	0.50	10	0	97.3	65	135				
Chloromethane	11.35	0.50	10	0	114	65	135				
cis-1,2-Dichloroethene	10.69	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	11.98	0.50	10	0	120	65	135				
Cyclohexane	10.15	0.50	10	0	102	65	135				
Dibromochloromethane	12.56	0.50	10	0	126	65	135				
Dichlorodifluoromethane(F-12)	10.67	0.50	10	0	107	65	135				
Dichlorotetrafluoroethane(F-114)	10.95	0.50	10	0	110	65	135				
Ethyl Acetate	10.16	0.50	10	0	102	65	135				
Ethylbenzene	10.89	0.50	10	0	109	65	135				
Heptane	11.67	0.50	10	0	117	65	135				
Hexachlorobutadiene	13.52	1.0	10	0	135	65	135				L1
Hexane	9.880	0.50	10	0	98.8	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75371** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896140**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	21.81	1.0	20	0	109	65	135				
Methyl tert-butyl ether	9.060	1.0	10	0	90.6	65	135				
Methylene chloride	10.50	0.50	10	0	105	65	135				
o-Xylene	10.80	0.50	10	0	108	65	135				
Propene (Propylene)	10.43	0.50	10	0	104	65	135				
Styrene	11.06	0.50	10	0	111	65	135				
Tetrachloroethene	11.33	0.50	10	0	113	65	135				
Tetrahydrofuran	9.970	2.0	10	0	99.7	65	135				
Toluene	11.65	0.50	10	0	116	65	135				
trans-1,2-Dichloroethene	10.45	0.50	10	0	104	65	135				
trans-1,3-Dichloropropene	11.93	0.50	10	0	119	65	135				
Trichloroethene	11.38	0.50	10	0	114	65	135				
Trichlorofluoromethane(F-11)	10.52	0.50	10	0	105	65	135				
Trichlorotrifluoroethane(F-113)	10.31	0.50	10	0	103	65	135				
Vinyl acetate	10.13	0.50	10	0	101	65	135				
Vinyl chloride	10.87	0.50	10	0	109	65	135				
Surr: 4-Bromofluorobenzene	9.880	0.50	10	0	98.8	70	130				

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	7.790	0.50	10	0	77.9	65	135				
1,1,2,2-Tetrachloroethane	8.040	0.50	10	0	80.4	65	135				
1,1,2-Trichloroethane	8.180	0.50	10	0	81.8	65	135				
1,1-Dichloroethane	8.090	0.50	10	0	80.9	65	135				
1,1-Dichloroethene	8.010	0.50	10	0	80.1	65	135				
1,2,4-Trichlorobenzene	7.470	2.0	10	0	74.7	65	135				
1,2,4-Trimethylbenzene	7.990	0.50	10	0	79.9	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	8.170	0.50	10	0	81.7	65	135				
1,2-Dichlorobenzene	7.980	0.50	10	0	79.8	65	135				
1,2-Dichloroethane	7.620	0.50	10	0	76.2	65	135				
1,2-Dichloropropane	8.210	0.50	10	0	82.1	65	135				
1,3,5-Trimethylbenzene	8.010	0.50	10	0	80.1	65	135				
1,3-Butadiene	8.110	0.50	10	0	81.1	65	135				
1,3-Dichlorobenzene	7.970	0.50	10	0	79.7	65	135				
1,4-Dichlorobenzene	7.910	0.50	10	0	79.1	65	135				
1,4-Dioxane	6.110	5.0	10	0	61.1	65	135				N1
2,2,4-Trimethylpentane	8.120	0.50	10	0	81.2	65	135				
2-Butanone (MEK)	8.750	1.0	10	0	87.5	65	135				
2-Hexanone	8.280	1.0	10	0	82.8	65	135				
2-Propanol	7.810	2.0	10	0	78.1	65	135				
4-Ethyltoluene	8.170	0.50	10	0	81.7	65	135				
4-Methyl-2-pentanone	8.470	1.0	10	0	84.7	65	135				
Acetone	7.810	5.0	10	0	78.1	65	135				
Allyl chloride	8.490	0.50	10	0	84.9	65	135				
Benzene	8.100	0.50	10	0	81.0	65	135				
Benzyl chloride	8.330	2.0	10	0	83.3	65	135				
Bromodichloromethane	7.890	0.50	10	0	78.9	65	135				
Bromoethene(Vinyl Bromide)	7.760	0.50	10	0	77.6	65	135				
Bromoform	7.630	0.50	10	0	76.3	65	135				
Bromomethane	8.190	0.50	10	0	81.9	65	135				
Carbon disulfide	8.200	0.50	10	0	82.0	65	135				
Carbon tetrachloride	7.610	0.50	10	0	76.1	65	135				
Chlorobenzene	8.090	0.50	10	0	80.9	65	135				
Chloroethane	8.190	0.50	10	0	81.9	65	135				
Chloroform	7.770	0.50	10	0	77.7	65	135				
Chloromethane	8.170	0.50	10	0	81.7	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCS-R75442 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75442
Client ID: | Batch ID: R75442 | TestNo: TO15 | Analysis Date: 6/17/2006 | SeqNo: 896808

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	8.170	0.50	10	0	81.7	65	135				
cis-1,3-Dichloropropene	8.530	0.50	10	0	85.3	65	135				
Cyclohexane	8.260	0.50	10	0	82.6	65	135				
Dibromochloromethane	7.840	0.50	10	0	78.4	65	135				
Dichlorodifluoromethane(F-12)	7.600	0.50	10	0	76.0	65	135				
Dichlorotetrafluoroethane(F-114)	7.900	0.50	10	0	79.0	65	135				
Ethyl Acetate	8.600	0.50	10	0	86.0	65	135				
Ethylbenzene	8.210	0.50	10	0	82.1	65	135				
Heptane	7.690	0.50	10	0	76.9	65	135				
Hexachlorobutadiene	8.050	1.0	10	0	80.5	65	135				
Hexane	8.620	0.50	10	0	86.2	65	135				
m&p-Xylene	16.04	1.0	20	0	80.2	65	135				
Methyl tert-butyl ether	8.900	1.0	10	0	89.0	65	135				
Methylene chloride	7.650	0.50	10	0	76.5	65	135				
o-Xylene	7.890	0.50	10	0	78.9	65	135				
Propene (Propylene)	8.270	0.50	10	0	82.7	65	135				
Styrene	8.210	0.50	10	0	82.1	65	135				
Tetrachloroethene	8.110	0.50	10	0	81.1	65	135				
Tetrahydrofuran	8.770	2.0	10	0	87.7	65	135				
Toluene	8.230	0.50	10	0	82.3	65	135				
trans-1,2-Dichloroethene	8.100	0.50	10	0	81.0	65	135				
trans-1,3-Dichloropropene	8.560	0.50	10	0	85.6	65	135				
Trichloroethene	8.430	0.50	10	0	84.3	65	135				
Trichlorofluoromethane(F-11)	7.300	0.50	10	0	73.0	65	135				
Trichlorotrifluoroethane(F-113)	7.940	0.50	10	0	79.4	65	135				
Vinyl acetate	8.720	0.50	10	0	87.2	65	135				
Vinyl chloride	8.310	0.50	10	0	83.1	65	135				
Surr: 4-Bromofluorobenzene	9.850	0.50	10	0	98.5	70	130				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75467** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897079**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.52	0.50	10	0	105	65	135				
1,1,2,2-Tetrachloroethane	10.39	0.50	10	0	104	65	135				
1,1,2-Trichloroethane	10.58	0.50	10	0	106	65	135				
1,1-Dichloroethane	10.41	0.50	10	0	104	65	135				
1,1-Dichloroethene	10.53	0.50	10	0	105	65	135				
1,2,4-Trichlorobenzene	10.49	2.0	10	0	105	65	135				
1,2,4-Trimethylbenzene	11.20	0.50	10	0	112	65	135				
1,2-Dibromoethane	10.83	0.50	10	0	108	65	135				
1,2-Dichlorobenzene	10.54	0.50	10	0	105	65	135				
1,2-Dichloroethane	10.74	0.50	10	0	107	65	135				
1,2-Dichloropropane	10.44	0.50	10	0	104	65	135				
1,3,5-Trimethylbenzene	11.11	0.50	10	0	111	65	135				
1,3-Butadiene	10.46	0.50	10	0	105	65	135				
1,3-Dichlorobenzene	10.59	0.50	10	0	106	65	135				
1,4-Dichlorobenzene	10.66	0.50	10	0	107	65	135				
1,4-Dioxane	6.740	5.0	10	0	67.4	65	135				
2,2,4-Trimethylpentane	10.68	0.50	10	0	107	65	135				
2-Butanone (MEK)	10.53	1.0	10	0	105	65	135				
2-Hexanone	11.37	1.0	10	0	114	65	135				
2-Propanol	9.730	2.0	10	0	97.3	65	135				
4-Ethyltoluene	11.14	0.50	10	0	111	65	135				
4-Methyl-2-pentanone	11.33	1.0	10	0	113	65	135				
Acetone	10.03	5.0	10	0	100	65	135				
Allyl chloride	10.52	0.50	10	0	105	65	135				
Benzene	10.58	0.50	10	0	106	65	135				
Benzyl chloride	10.84	2.0	10	0	108	65	135				
Bromodichloromethane	10.76	0.50	10	0	108	65	135				
Bromoethene(Vinyl Bromide)	10.24	0.50	10	0	102	65	135				
Bromoform	10.58	0.50	10	0	106	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75467** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897079**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	10.17	0.50	10	0	102	65	135				
Carbon disulfide	10.11	0.50	10	0	101	65	135				
Carbon tetrachloride	10.69	0.50	10	0	107	65	135				
Chlorobenzene	10.31	0.50	10	0	103	65	135				
Chloroethane	10.00	0.50	10	0	100	65	135				
Chloroform	10.40	0.50	10	0	104	65	135				
Chloromethane	10.33	0.50	10	0	103	65	135				
cis-1,2-Dichloroethene	10.70	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	11.60	0.50	10	0	116	65	135				
Cyclohexane	11.17	0.50	10	0	112	65	135				
Dibromochloromethane	10.74	0.50	10	0	107	65	135				
Dichlorodifluoromethane(F-12)	10.05	0.50	10	0	100	65	135				
Dichlorotetrafluoroethane(F-114)	10.22	0.50	10	0	102	65	135				
Ethyl Acetate	10.96	0.50	10	0	110	65	135				
Ethylbenzene	11.02	0.50	10	0	110	65	135				
Heptane	10.90	0.50	10	0	109	65	135				
Hexachlorobutadiene	10.46	1.0	10	0	105	65	135				
Hexane	11.43	0.50	10	0	114	65	135				
m&p-Xylene	22.25	1.0	20	0	111	65	135				
Methyl tert-butyl ether	10.97	1.0	10	0	110	65	135				
Methylene chloride	10.03	0.50	10	0	100	65	135				
o-Xylene	11.02	0.50	10	0	110	65	135				
Propene (Propylene)	10.23	0.50	10	0	102	65	135				
Styrene	11.38	0.50	10	0	114	65	135				
Tetrachloroethene	10.63	0.50	10	0	106	65	135				
Tetrahydrofuran	11.53	2.0	10	0	115	65	135				
Toluene	11.22	0.50	10	0	112	65	135				
trans-1,2-Dichloroethene	10.25	0.50	10	0	103	65	135				
trans-1,3-Dichloropropene	11.40	0.50	10	0	114	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75467** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897079**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	10.10	0.50	10	0	101	65	135				
Trichlorofluoromethane(F-11)	10.75	0.50	10	0	108	65	135				
Trichlorotrifluoroethane(F-113)	10.22	0.50	10	0	102	65	135				
Vinyl acetate	11.12	0.50	10	0	111	65	135				
Vinyl chloride	10.12	0.50	10	0	101	65	135				
Surr: 4-Bromofluorobenzene	10.36	0.50	10	0	104	70	130				

Sample ID **LCS-R75617** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898734**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.840	0.50	10	0	98.4	65	135				
1,1,2,2-Tetrachloroethane	10.40	0.50	10	0	104	65	135				
1,1,2-Trichloroethane	10.61	0.50	10	0	106	65	135				
1,1-Dichloroethane	10.24	0.50	10	0	102	65	135				
1,1-Dichloroethene	10.52	0.50	10	0	105	65	135				
1,2,4-Trichlorobenzene	11.64	2.0	10	0	116	65	135				
1,2,4-Trimethylbenzene	11.17	0.50	10	0	112	65	135				
1,2-Dibromoethane	11.02	0.50	10	0	110	65	135				
1,2-Dichlorobenzene	10.94	0.50	10	0	109	65	135				
1,2-Dichloroethane	9.920	0.50	10	0	99.2	65	135				
1,2-Dichloropropane	10.56	0.50	10	0	106	65	135				
1,3,5-Trimethylbenzene	10.93	0.50	10	0	109	65	135				
1,3-Butadiene	9.830	0.50	10	0	98.3	65	135				
1,3-Dichlorobenzene	10.86	0.50	10	0	109	65	135				
1,4-Dichlorobenzene	10.88	0.50	10	0	109	65	135				
1,4-Dioxane	11.40	5.0	10	0	114	65	135				
2,2,4-Trimethylpentane	10.69	0.50	10	0	107	65	135				
2-Butanone (MEK)	11.17	1.0	10	0	112	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
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Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID LCS-R75617 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75617
Client ID: | Batch ID: R75617 | TestNo: TO15 | Analysis Date: 6/24/2006 | SeqNo: 898734

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	11.55	1.0	10	0	116	65	135				
2-Propanol	10.17	2.0	10	0	102	65	135				
4-Ethyltoluene	11.39	0.50	10	0	114	65	135				
4-Methyl-2-pentanone	11.14	1.0	10	0	111	65	135				
Acetone	9.680	5.0	10	0	96.8	65	135				
Allyl chloride	11.45	0.50	10	0	114	65	135				
Benzene	11.04	0.50	10	0	110	65	135				
Benzyl chloride	11.01	2.0	10	0	110	65	135				
Bromodichloromethane	10.12	0.50	10	0	101	65	135				
Bromoethene(Vinyl Bromide)	10.68	0.50	10	0	107	65	135				
Bromoform	10.41	0.50	10	0	104	65	135				
Bromomethane	10.53	0.50	10	0	105	65	135				
Carbon disulfide	10.48	0.50	10	0	105	65	135				
Carbon tetrachloride	9.940	0.50	10	0	99.4	65	135				
Chlorobenzene	10.50	0.50	10	0	105	65	135				
Chloroethane	10.06	0.50	10	0	101	65	135				
Chloroform	10.12	0.50	10	0	101	65	135				
Chloromethane	9.890	0.50	10	0	98.9	65	135				
cis-1,2-Dichloroethene	11.40	0.50	10	0	114	65	135				
cis-1,3-Dichloropropene	11.30	0.50	10	0	113	65	135				
Cyclohexane	11.43	0.50	10	0	114	65	135				
Dibromochloromethane	10.57	0.50	10	0	106	65	135				
Dichlorodifluoromethane(F-12)	9.510	0.50	10	0	95.1	65	135				
Dichlorotetrafluoroethane(F-114)	10.17	0.50	10	0	102	65	135				
Ethyl Acetate	10.95	0.50	10	0	110	65	135				
Ethylbenzene	11.27	0.50	10	0	113	65	135				
Heptane	10.00	0.50	10	0	100	65	135				
Hexachlorobutadiene	10.79	1.0	10	0	108	65	135				
Hexane	11.67	0.50	10	0	117	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75617** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898734**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	22.42	1.0	20	0	112	65	135				
Methyl tert-butyl ether	10.90	1.0	10	0	109	65	135				
Methylene chloride	9.800	0.50	10	0	98.0	65	135				
o-Xylene	10.41	0.50	10	0	104	65	135				
Propene (Propylene)	10.84	0.50	10	0	108	65	135				
Styrene	11.46	0.50	10	0	115	65	135				
Tetrachloroethene	11.07	0.50	10	0	111	65	135				
Tetrahydrofuran	11.77	2.0	10	0	118	65	135				
Toluene	11.25	0.50	10	0	112	65	135				
trans-1,2-Dichloroethene	11.15	0.50	10	0	112	65	135				
trans-1,3-Dichloropropene	11.10	0.50	10	0	111	65	135				
Trichloroethene	10.42	0.50	10	0	104	65	135				
Trichlorofluoromethane(F-11)	9.440	0.50	10	0	94.4	65	135				
Trichlorotrifluoroethane(F-113)	10.28	0.50	10	0	103	65	135				
Vinyl acetate	11.16	0.50	10	0	112	65	135				
Vinyl chloride	10.49	0.50	10	0	105	65	135				
Surr: 4-Bromofluorobenzene	9.770	0.50	10	0	97.7	70	130				

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.720	0.50	10	0	87.2	65	135	9.550	9.09	25	
1,1,2,2-Tetrachloroethane	10.43	0.50	10	0	104	65	135	11.00	5.32	25	
1,1,2-Trichloroethane	11.19	0.50	10	0	112	65	135	12.23	8.88	25	
1,1-Dichloroethane	9.090	0.50	10	0	90.9	65	135	9.990	9.43	25	
1,1-Dichloroethene	8.860	0.50	10	0	88.6	65	135	10.22	14.3	25	
1,2,4-Trichlorobenzene	9.810	2.0	10	0	98.1	65	135	10.65	8.21	25	
1,2,4-Trimethylbenzene	10.79	0.50	10	0	108	65	135	10.98	1.75	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.54	0.50	10	0	115	65	135	12.71	9.65	25	
1,2-Dichlorobenzene	11.38	0.50	10	0	114	65	135	11.56	1.57	25	
1,2-Dichloroethane	9.790	0.50	10	0	97.9	65	135	10.70	8.88	25	
1,2-Dichloropropane	10.37	0.50	10	0	104	65	135	11.24	8.05	25	
1,3,5-Trimethylbenzene	10.24	0.50	10	0	102	65	135	10.75	4.86	25	
1,3-Butadiene	10.04	0.50	10	0	100	65	135	11.03	9.40	25	
1,3-Dichlorobenzene	11.24	0.50	10	0	112	65	135	11.56	2.81	25	
1,4-Dichlorobenzene	10.47	0.50	10	0	105	65	135	11.20	6.74	25	
1,4-Dioxane	14.23	5.0	10	0	142	65	135	9.950	35.4	25	L1R9
2,2,4-Trimethylpentane	10.31	0.50	10	0	103	65	135	11.30	9.16	25	
2-Butanone (MEK)	9.700	1.0	10	0	97.0	65	135	10.01	3.15	25	
2-Hexanone	14.97	1.0	10	0	150	65	135	9.970	40.1	25	L1R9
2-Propanol	8.930	2.0	10	0	89.3	65	135	8.610	3.65	25	
4-Ethyltoluene	10.22	0.50	10	0	102	65	135	10.74	4.96	25	
4-Methyl-2-pentanone	12.71	1.0	10	0	127	65	135	9.360	30.4	25	R7
Acetone	9.490	5.0	10	0	94.9	65	135	9.460	0.317	25	
Allyl chloride	9.290	0.50	10	0	92.9	65	135	10.24	9.73	25	
Benzene	9.060	0.50	10	0	90.6	65	135	10.24	12.2	25	
Benzyl chloride	8.460	2.0	10	0	84.6	65	135	8.470	0.118	25	
Bromodichloromethane	10.78	0.50	10	0	108	65	135	11.77	8.78	25	
Bromoethene(Vinyl Bromide)	9.790	0.50	10	0	97.9	65	135	10.93	11.0	25	
Bromoform	11.15	0.50	10	0	112	65	135	11.49	3.00	25	
Bromomethane	9.530	0.50	10	0	95.3	65	135	10.74	11.9	25	
Carbon disulfide	9.060	0.50	10	0	90.6	65	135	10.30	12.8	25	
Carbon tetrachloride	9.690	0.50	10	0	96.9	65	135	10.91	11.8	25	
Chlorobenzene	10.51	0.50	10	0	105	65	135	11.00	4.56	25	
Chloroethane	9.710	0.50	10	0	97.1	65	135	11.14	13.7	25	
Chloroform	8.790	0.50	10	0	87.9	65	135	9.730	10.2	25	
Chloromethane	9.860	0.50	10	0	98.6	65	135	11.35	14.0	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	9.420	0.50	10	0	94.2	65	135	10.69	12.6	25	
cis-1,3-Dichloropropene	11.29	0.50	10	0	113	65	135	11.98	5.93	25	
Cyclohexane	9.070	0.50	10	0	90.7	65	135	10.15	11.2	25	
Dibromochloromethane	11.71	0.50	10	0	117	65	135	12.56	7.00	25	
Dichlorodifluoromethane(F-12)	9.280	0.50	10	0	92.8	65	135	10.67	13.9	25	
Dichlorotetrafluoroethane(F-114)	9.600	0.50	10	0	96.0	65	135	10.95	13.1	25	
Ethyl Acetate	9.650	0.50	10	0	96.5	65	135	10.16	5.15	25	
Ethylbenzene	10.46	0.50	10	0	105	65	135	10.89	4.03	25	
Heptane	10.55	0.50	10	0	106	65	135	11.67	10.1	25	
Hexachlorobutadiene	12.05	1.0	10	0	120	65	135	13.52	11.5	25	
Hexane	8.860	0.50	10	0	88.6	65	135	9.880	10.9	25	
m&p-Xylene	21.00	1.0	20	0	105	65	135	21.81	3.78	25	
Methyl tert-butyl ether	8.540	1.0	10	0	85.4	65	135	9.060	5.91	25	
Methylene chloride	9.230	0.50	10	0	92.3	65	135	10.50	12.9	25	
o-Xylene	10.20	0.50	10	0	102	65	135	10.80	5.71	25	
Propene (Propylene)	9.120	0.50	10	0	91.2	65	135	10.43	13.4	25	
Styrene	10.56	0.50	10	0	106	65	135	11.06	4.63	25	
Tetrachloroethene	10.49	0.50	10	0	105	65	135	11.33	7.70	25	
Tetrahydrofuran	9.520	2.0	10	0	95.2	65	135	9.970	4.62	25	
Toluene	10.82	0.50	10	0	108	65	135	11.65	7.39	25	
trans-1,2-Dichloroethene	9.150	0.50	10	0	91.5	65	135	10.45	13.3	25	
trans-1,3-Dichloropropene	11.50	0.50	10	0	115	65	135	11.93	3.67	25	
Trichloroethene	10.34	0.50	10	0	103	65	135	11.38	9.58	25	
Trichlorofluoromethane(F-11)	9.330	0.50	10	0	93.3	65	135	10.52	12.0	25	
Trichlorotrifluoroethane(F-113)	9.070	0.50	10	0	90.7	65	135	10.31	12.8	25	
Vinyl acetate	10.08	0.50	10	0	101	65	135	10.13	0.495	25	
Vinyl chloride	9.480	0.50	10	0	94.8	65	135	10.87	13.7	25	
Surr: 4-Bromofluorobenzene	9.800	0.50	10	0	98.0	70	130	9.880	0	0	

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	7.850	0.50	10	0	78.5	65	135	7.790	0.767	25	
1,1,2,2-Tetrachloroethane	8.150	0.50	10	0	81.5	65	135	8.040	1.36	25	
1,1,2-Trichloroethane	8.270	0.50	10	0	82.7	65	135	8.180	1.09	25	
1,1-Dichloroethane	8.090	0.50	10	0	80.9	65	135	8.090	0	25	
1,1-Dichloroethene	8.080	0.50	10	0	80.8	65	135	8.010	0.870	25	
1,2,4-Trichlorobenzene	7.610	2.0	10	0	76.1	65	135	7.470	1.86	25	
1,2,4-Trimethylbenzene	8.100	0.50	10	0	81.0	65	135	7.990	1.37	25	
1,2-Dibromoethane	8.240	0.50	10	0	82.4	65	135	8.170	0.853	25	
1,2-Dichlorobenzene	8.190	0.50	10	0	81.9	65	135	7.980	2.60	25	
1,2-Dichloroethane	7.720	0.50	10	0	77.2	65	135	7.620	1.30	25	
1,2-Dichloropropane	8.290	0.50	10	0	82.9	65	135	8.210	0.970	25	
1,3,5-Trimethylbenzene	8.090	0.50	10	0	80.9	65	135	8.010	0.994	25	
1,3-Butadiene	8.290	0.50	10	0	82.9	65	135	8.110	2.20	25	
1,3-Dichlorobenzene	8.080	0.50	10	0	80.8	65	135	7.970	1.37	25	
1,4-Dichlorobenzene	8.130	0.50	10	0	81.3	65	135	7.910	2.74	25	
1,4-Dioxane	11.42	5.0	10	0	114	65	135	6.110	60.6	25	R9
2,2,4-Trimethylpentane	8.180	0.50	10	0	81.8	65	135	8.120	0.736	25	
2-Butanone (MEK)	8.770	1.0	10	0	87.7	65	135	8.750	0.228	25	
2-Hexanone	9.030	1.0	10	0	90.3	65	135	8.280	8.67	25	
2-Propanol	7.890	2.0	10	0	78.9	65	135	7.810	1.02	25	
4-Ethyltoluene	8.300	0.50	10	0	83.0	65	135	8.170	1.58	25	
4-Methyl-2-pentanone	8.980	1.0	10	0	89.8	65	135	8.470	5.85	25	
Acetone	7.940	5.0	10	0	79.4	65	135	7.810	1.65	25	
Allyl chloride	8.510	0.50	10	0	85.1	65	135	8.490	0.235	25	
Benzene	8.060	0.50	10	0	80.6	65	135	8.100	0.495	25	
Benzyl chloride	8.490	2.0	10	0	84.9	65	135	8.330	1.90	25	
Bromodichloromethane	7.940	0.50	10	0	79.4	65	135	7.890	0.632	25	
Bromoethene(Vinyl Bromide)	8.050	0.50	10	0	80.5	65	135	7.760	3.67	25	
Bromoform	7.730	0.50	10	0	77.3	65	135	7.630	1.30	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: ppbv Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	8.250	0.50	10	0	82.5	65	135	8.190	0.730	25	
Carbon disulfide	8.190	0.50	10	0	81.9	65	135	8.200	0.122	25	
Carbon tetrachloride	7.650	0.50	10	0	76.5	65	135	7.610	0.524	25	
Chlorobenzene	8.200	0.50	10	0	82.0	65	135	8.090	1.35	25	
Chloroethane	8.270	0.50	10	0	82.7	65	135	8.190	0.972	25	
Chloroform	7.830	0.50	10	0	78.3	65	135	7.770	0.769	25	
Chloromethane	8.200	0.50	10	0	82.0	65	135	8.170	0.367	25	
cis-1,2-Dichloroethene	8.240	0.50	10	0	82.4	65	135	8.170	0.853	25	
cis-1,3-Dichloropropene	8.610	0.50	10	0	86.1	65	135	8.530	0.933	25	
Cyclohexane	8.320	0.50	10	0	83.2	65	135	8.260	0.724	25	
Dibromochloromethane	7.970	0.50	10	0	79.7	65	135	7.840	1.64	25	
Dichlorodifluoromethane(F-12)	7.710	0.50	10	0	77.1	65	135	7.600	1.44	25	
Dichlorotetrafluoroethane(F-114)	8.010	0.50	10	0	80.1	65	135	7.900	1.38	25	
Ethyl Acetate	8.730	0.50	10	0	87.3	65	135	8.600	1.50	25	
Ethylbenzene	8.270	0.50	10	0	82.7	65	135	8.210	0.728	25	
Heptane	7.790	0.50	10	0	77.9	65	135	7.690	1.29	25	
Hexachlorobutadiene	8.150	1.0	10	0	81.5	65	135	8.050	1.23	25	
Hexane	8.560	0.50	10	0	85.6	65	135	8.620	0.698	25	
m&p-Xylene	16.10	1.0	20	0	80.5	65	135	16.04	0.373	25	
Methyl tert-butyl ether	8.960	1.0	10	0	89.6	65	135	8.900	0.672	25	
Methylene chloride	7.740	0.50	10	0	77.4	65	135	7.650	1.17	25	
o-Xylene	8.030	0.50	10	0	80.3	65	135	7.890	1.76	25	
Propene (Propylene)	8.350	0.50	10	0	83.5	65	135	8.270	0.963	25	
Styrene	8.310	0.50	10	0	83.1	65	135	8.210	1.21	25	
Tetrachloroethene	8.190	0.50	10	0	81.9	65	135	8.110	0.982	25	
Tetrahydrofuran	8.930	2.0	10	0	89.3	65	135	8.770	1.81	25	
Toluene	8.280	0.50	10	0	82.8	65	135	8.230	0.606	25	
trans-1,2-Dichloroethene	8.110	0.50	10	0	81.1	65	135	8.100	0.123	25	
trans-1,3-Dichloropropene	8.630	0.50	10	0	86.3	65	135	8.560	0.814	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	8.510	0.50	10	0	85.1	65	135	8.430	0.945	25	
Trichlorofluoromethane(F-11)	7.390	0.50	10	0	73.9	65	135	7.300	1.23	25	
Trichlorotrifluoroethane(F-113)	7.980	0.50	10	0	79.8	65	135	7.940	0.503	25	
Vinyl acetate	8.820	0.50	10	0	88.2	65	135	8.720	1.14	25	
Vinyl chloride	8.480	0.50	10	0	84.8	65	135	8.310	2.03	25	
Surr: 4-Bromofluorobenzene	9.900	0.50	10	0	99.0	70	130	9.850	0	0	

Sample ID **LCSD-R75467** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897087**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	10.25	0.50	10	0	103	65	135	10.52	2.60	25	
1,1,2,2-Tetrachloroethane	10.30	0.50	10	0	103	65	135	10.39	0.870	25	
1,1,2-Trichloroethane	10.32	0.50	10	0	103	65	135	10.58	2.49	25	
1,1-Dichloroethane	10.18	0.50	10	0	102	65	135	10.41	2.23	25	
1,1-Dichloroethene	10.34	0.50	10	0	103	65	135	10.53	1.82	25	
1,2,4-Trichlorobenzene	10.57	2.0	10	0	106	65	135	10.49	0.760	25	
1,2,4-Trimethylbenzene	11.02	0.50	10	0	110	65	135	11.20	1.62	25	
1,2-Dibromoethane	10.48	0.50	10	0	105	65	135	10.83	3.28	25	
1,2-Dichlorobenzene	10.53	0.50	10	0	105	65	135	10.54	0.0949	25	
1,2-Dichloroethane	10.52	0.50	10	0	105	65	135	10.74	2.07	25	
1,2-Dichloropropane	10.29	0.50	10	0	103	65	135	10.44	1.45	25	
1,3,5-Trimethylbenzene	10.89	0.50	10	0	109	65	135	11.11	2.00	25	
1,3-Butadiene	10.34	0.50	10	0	103	65	135	10.46	1.15	25	
1,3-Dichlorobenzene	10.45	0.50	10	0	104	65	135	10.59	1.33	25	
1,4-Dichlorobenzene	10.58	0.50	10	0	106	65	135	10.66	0.753	25	
1,4-Dioxane	9.900	5.0	10	0	99.0	65	135	6.740	38.0	25	R9
2,2,4-Trimethylpentane	10.46	0.50	10	0	105	65	135	10.68	2.08	25	
2-Butanone (MEK)	10.50	1.0	10	0	105	65	135	10.53	0.285	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID LCSD-R75467 | SampType: LCSD | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75467
Client ID: | Batch ID: R75467 | TestNo: TO15 | Analysis Date: 6/20/2006 | SeqNo: 897087

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	11.36	1.0	10	0	114	65	135	11.37	0.0880	25	
2-Propanol	9.770	2.0	10	0	97.7	65	135	9.730	0.410	25	
4-Ethyltoluene	11.01	0.50	10	0	110	65	135	11.14	1.17	25	
4-Methyl-2-pentanone	11.00	1.0	10	0	110	65	135	11.33	2.96	25	
Acetone	10.01	5.0	10	0	100	65	135	10.03	0.200	25	
Allyl chloride	10.38	0.50	10	0	104	65	135	10.52	1.34	25	
Benzene	10.34	0.50	10	0	103	65	135	10.58	2.29	25	
Benzyl chloride	10.78	2.0	10	0	108	65	135	10.84	0.555	25	
Bromodichloromethane	10.47	0.50	10	0	105	65	135	10.76	2.73	25	
Bromoethene(Vinyl Bromide)	9.940	0.50	10	0	99.4	65	135	10.24	2.97	25	
Bromoform	10.44	0.50	10	0	104	65	135	10.58	1.33	25	
Bromomethane	9.900	0.50	10	0	99.0	65	135	10.17	2.69	25	
Carbon disulfide	9.870	0.50	10	0	98.7	65	135	10.11	2.40	25	
Carbon tetrachloride	10.32	0.50	10	0	103	65	135	10.69	3.52	25	
Chlorobenzene	10.21	0.50	10	0	102	65	135	10.31	0.975	25	
Chloroethane	9.930	0.50	10	0	99.3	65	135	10.00	0.702	25	
Chloroform	10.13	0.50	10	0	101	65	135	10.40	2.63	25	
Chloromethane	10.06	0.50	10	0	101	65	135	10.33	2.65	25	
cis-1,2-Dichloroethene	10.46	0.50	10	0	105	65	135	10.70	2.27	25	
cis-1,3-Dichloropropene	11.33	0.50	10	0	113	65	135	11.60	2.35	25	
Cyclohexane	10.94	0.50	10	0	109	65	135	11.17	2.08	25	
Dibromochloromethane	10.38	0.50	10	0	104	65	135	10.74	3.41	25	
Dichlorodifluoromethane(F-12)	9.650	0.50	10	0	96.5	65	135	10.05	4.06	25	
Dichlorotetrafluoroethane(F-114)	10.00	0.50	10	0	100	65	135	10.22	2.18	25	
Ethyl Acetate	10.82	0.50	10	0	108	65	135	10.96	1.29	25	
Ethylbenzene	10.86	0.50	10	0	109	65	135	11.02	1.46	25	
Heptane	10.64	0.50	10	0	106	65	135	10.90	2.41	25	
Hexachlorobutadiene	10.23	1.0	10	0	102	65	135	10.46	2.22	25	
Hexane	11.15	0.50	10	0	112	65	135	11.43	2.48	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

TestCode: TO15

Sample ID **LCSD-R75467** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75467**
Client ID: Batch ID: **R75467** TestNo: **TO15** Analysis Date: **6/20/2006** SeqNo: **897087**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	21.21	1.0	20	0	106	65	135	22.25	4.79	25	
Methyl tert-butyl ether	10.90	1.0	10	0	109	65	135	10.97	0.640	25	
Methylene chloride	9.900	0.50	10	0	99.0	65	135	10.03	1.30	25	
o-Xylene	10.78	0.50	10	0	108	65	135	11.02	2.20	25	
Propene (Propylene)	10.31	0.50	10	0	103	65	135	10.23	0.779	25	
Styrene	11.16	0.50	10	0	112	65	135	11.38	1.95	25	
Tetrachloroethene	10.31	0.50	10	0	103	65	135	10.63	3.06	25	
Tetrahydrofuran	11.40	2.0	10	0	114	65	135	11.53	1.13	25	
Toluene	10.86	0.50	10	0	109	65	135	11.22	3.26	25	
trans-1,2-Dichloroethene	10.09	0.50	10	0	101	65	135	10.25	1.57	25	
trans-1,3-Dichloropropene	11.05	0.50	10	0	110	65	135	11.40	3.12	25	
Trichloroethene	9.880	0.50	10	0	98.8	65	135	10.10	2.20	25	
Trichlorofluoromethane(F-11)	10.33	0.50	10	0	103	65	135	10.75	3.98	25	
Trichlorotrifluoroethane(F-113)	9.980	0.50	10	0	99.8	65	135	10.22	2.38	25	
Vinyl acetate	11.11	0.50	10	0	111	65	135	11.12	0.0900	25	
Vinyl chloride	10.05	0.50	10	0	100	65	135	10.12	0.694	25	
Surr: 4-Bromofluorobenzene	10.35	0.50	10	0	104	70	130	10.36	0	0	

Sample ID **LCSD-R75617** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898735**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.950	0.50	10	0	99.5	65	135	9.840	1.11	25	
1,1,2,2-Tetrachloroethane	10.66	0.50	10	0	107	65	135	10.40	2.47	25	
1,1,2-Trichloroethane	10.85	0.50	10	0	108	65	135	10.61	2.24	25	
1,1-Dichloroethane	10.40	0.50	10	0	104	65	135	10.24	1.55	25	
1,1-Dichloroethene	10.71	0.50	10	0	107	65	135	10.52	1.79	25	
1,2,4-Trichlorobenzene	12.18	2.0	10	0	122	65	135	11.64	4.53	25	
1,2,4-Trimethylbenzene	11.43	0.50	10	0	114	65	135	11.17	2.30	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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a division of Aerotech Laboratories, Inc.

CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75617** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898735**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromoethane	11.18	0.50	10	0	112	65	135	11.02	1.44	25	
1,2-Dichlorobenzene	11.16	0.50	10	0	112	65	135	10.94	1.99	25	
1,2-Dichloroethane	10.06	0.50	10	0	101	65	135	9.920	1.40	25	
1,2-Dichloropropane	10.86	0.50	10	0	109	65	135	10.56	2.80	25	
1,3,5-Trimethylbenzene	11.17	0.50	10	0	112	65	135	10.93	2.17	25	
1,3-Butadiene	10.10	0.50	10	0	101	65	135	9.830	2.71	25	
1,3-Dichlorobenzene	11.06	0.50	10	0	111	65	135	10.86	1.82	25	
1,4-Dichlorobenzene	11.10	0.50	10	0	111	65	135	10.88	2.00	25	
1,4-Dioxane	11.08	5.0	10	0	111	65	135	11.40	2.85	25	
2,2,4-Trimethylpentane	10.91	0.50	10	0	109	65	135	10.69	2.04	25	
2-Butanone (MEK)	11.45	1.0	10	0	114	65	135	11.17	2.48	25	
2-Hexanone	11.73	1.0	10	0	117	65	135	11.55	1.55	25	
2-Propanol	10.30	2.0	10	0	103	65	135	10.17	1.27	25	
4-Ethyltoluene	11.57	0.50	10	0	116	65	135	11.39	1.57	25	
4-Methyl-2-pentanone	11.39	1.0	10	0	114	65	135	11.14	2.22	25	
Acetone	9.780	5.0	10	0	97.8	65	135	9.680	1.03	25	
Allyl chloride	11.58	0.50	10	0	116	65	135	11.45	1.13	25	
Benzene	11.22	0.50	10	0	112	65	135	11.04	1.62	25	
Benzyl chloride	11.28	2.0	10	0	113	65	135	11.01	2.42	25	
Bromodichloromethane	10.30	0.50	10	0	103	65	135	10.12	1.76	25	
Bromoethene(Vinyl Bromide)	10.68	0.50	10	0	107	65	135	10.68	0	25	
Bromoform	10.57	0.50	10	0	106	65	135	10.41	1.53	25	
Bromomethane	10.69	0.50	10	0	107	65	135	10.53	1.51	25	
Carbon disulfide	10.65	0.50	10	0	106	65	135	10.48	1.61	25	
Carbon tetrachloride	10.08	0.50	10	0	101	65	135	9.940	1.40	25	
Chlorobenzene	10.76	0.50	10	0	108	65	135	10.50	2.45	25	
Chloroethane	10.16	0.50	10	0	102	65	135	10.06	0.989	25	
Chloroform	10.28	0.50	10	0	103	65	135	10.12	1.57	25	
Chloromethane	10.14	0.50	10	0	101	65	135	9.890	2.50	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories

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CLIENT: Geomatrix Consultants
Work Order: 06060468
Project: SRP/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75617** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75617**
Client ID: Batch ID: **R75617** TestNo: **TO15** Analysis Date: **6/24/2006** SeqNo: **898735**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,2-Dichloroethene	11.60	0.50	10	0	116	65	135	11.40	1.74	25	
cis-1,3-Dichloropropene	11.45	0.50	10	0	114	65	135	11.30	1.32	25	
Cyclohexane	11.54	0.50	10	0	115	65	135	11.43	0.958	25	
Dibromochloromethane	10.76	0.50	10	0	108	65	135	10.57	1.78	25	
Dichlorodifluoromethane(F-12)	9.710	0.50	10	0	97.1	65	135	9.510	2.08	25	
Dichlorotetrafluoroethane(F-114)	10.31	0.50	10	0	103	65	135	10.17	1.37	25	
Ethyl Acetate	11.13	0.50	10	0	111	65	135	10.95	1.63	25	
Ethylbenzene	11.57	0.50	10	0	116	65	135	11.27	2.63	25	
Heptane	10.07	0.50	10	0	101	65	135	10.00	0.698	25	
Hexachlorobutadiene	11.06	1.0	10	0	111	65	135	10.79	2.47	25	
Hexane	11.81	0.50	10	0	118	65	135	11.67	1.19	25	
m&p-Xylene	22.70	1.0	20	0	114	65	135	22.42	1.24	25	
Methyl tert-butyl ether	11.01	1.0	10	0	110	65	135	10.90	1.00	25	
Methylene chloride	9.860	0.50	10	0	98.6	65	135	9.800	0.610	25	
o-Xylene	10.73	0.50	10	0	107	65	135	10.41	3.03	25	
Propene (Propylene)	11.25	0.50	10	0	112	65	135	10.84	3.71	25	
Styrene	11.71	0.50	10	0	117	65	135	11.46	2.16	25	
Tetrachloroethene	11.21	0.50	10	0	112	65	135	11.07	1.26	25	
Tetrahydrofuran	12.00	2.0	10	0	120	65	135	11.77	1.94	25	
Toluene	11.45	0.50	10	0	114	65	135	11.25	1.76	25	
trans-1,2-Dichloroethene	11.25	0.50	10	0	112	65	135	11.15	0.893	25	
trans-1,3-Dichloropropene	11.24	0.50	10	0	112	65	135	11.10	1.25	25	
Trichloroethene	10.65	0.50	10	0	106	65	135	10.42	2.18	25	
Trichlorofluoromethane(F-11)	9.610	0.50	10	0	96.1	65	135	9.440	1.78	25	
Trichlorotrifluoroethane(F-113)	10.46	0.50	10	0	105	65	135	10.28	1.74	25	
Vinyl acetate	11.46	0.50	10	0	115	65	135	11.16	2.65	25	
Vinyl chloride	10.81	0.50	10	0	108	65	135	10.49	3.00	25	
Surr: 4-Bromofluorobenzene	9.680	0.50	10	0	96.8	70	130	9.770	0	0	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:_____

Laboratory Number: 06-06-0468	Checklist completed by: RTF 6/13/06
Client Name: Geomatrix	Signature/Date
Matrix: Air / Carrier Name: Client	Date/Time Rec'd: 6/13/06 1608 By: JG

Temperature of Samples? AMB °C *Circle one:* Blue Ice Wet Ice ~~Not Present~~

	Yes	No*	Not Present
Shipping container/cooler in good condition?	X		
Custody seals intact on shipping container/cooler?			X
Custody seals intact on sample containers?			X
Chain of Custody present and relinquished/received properly?	X		
Chain of Custody agrees with sample labels?	X		
Samples in proper containers/bottles?	X		
Sample containers intact?	X		
All samples received within holding time?	X		
Is there sufficient sample volume to perform the tests?	X		
40mL vials for volatiles & SOCs received with zero headspace?			X

Soil Containers:
Brass Sleeve_____
Glass Jar_____
Methanol_____
Plastic Bag_____
Encore Samplers_____

**See Comment about Chlorine and pH

Total number of bottles received: 13	IH sample media: 1 Canister
If applicable, how many sample bottles were shipped from AEL-Tucson?	N/A X

Number of containers received by preservative and by sample number: (If more than 15 samples are rec'd, please continue on separate sheet(s))

Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A-General	1	1	1	1	1	1	1	1	1	1	1	1	1		
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-Na Sulfite															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Water-pH acceptable upon receipt? Yes No N/A X

Preservative & pH	pH of samples upon receipt	If pH requires adjustment, list sample number, and reagent ID. number
Metals <2		
Nutrients <2		
Total Phenols <2		
413 (O&G) <2		
418 (TPH) <2		
Cyanide >12		
Sulfide >9		

Any No response must be detailed in the comments section below. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001.04, Section 1.8.6. Continue on back if additional space is needed.

The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate result, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.

Comments:

Corrective Action:

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[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 06 06 - 0468

Customer Number:	Page 1 of 2
Customer: GEOMATRIX CONSULTANTS INC.	Sampler: ANDREW MACHGIL
Address: 8777 E. VIA DE VENTURA #396	Project Name: SRP
City, State, Zip: SCOTTSDALE AZ 85258	Project Number: 10108 TASK 3
Contact: LAURIE LAPAT - POLASKO	P.O. Number: 10108 TASK 3
Phone: (480)348-1244 Fax: (480)348-1245	Fax Results: Y N
E-Mail Address: llapat@geomatrix.com	E-Mail Results: Y N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No N/A
Total # of Containers: 13

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	MAXIMUM PID DURING PURGE
1	00619	6, 1, 0.4	ASG-22-5.0	6/13/06	0716	AIR/SG				X		0.5 PPM
2	00206	6, 1, 0.4	ASG-22-14.0	6/13/06	0748	AIR/SG				X		1.6 PPM
3	00227	6, 1, 0.4	AMBIENT-02	6/13/06	0812	AIR/SG				X		—
4	00612	6, 1, 0.4	ASG-20-5.0	6/13/06	0846	AIR/SG				X		0.6 PPM
5	00933	6, 1, 0.4	ASG-20-10.5	6/13/06	0923	AIR/SG				X		4.1 PPM
6	00224	6, 1, 0.4	ASG-19-5.0	6/13/06	1040	AIR/SG				X		NM
7	00613	6, 1, 0.4	ASG-19-13.0	6/13/06	1117	AIR/SG				X		1.4 PPM
8	00308	6, 1, 0.4	DUP-02	6/13/06	1117	AIR/SG				X		—
9	00194	6, 1, 0.4	ASG-17-5.0	6/13/06	1202	AIR/SG				X		1.1 PPM
10	01428	6, 1, 0.4	ASG-17-12.0	6/13/06	1231	AIR/SG				X		1.4 PPM

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
6/13/06	1608	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

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[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216
[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 06 06 0468

Customer Number:	Page 2 of 2
Customer: GEOMATRIX CONSULTANTS, INC.	Sampler: ANDREW MACHUGH
Address: 8777 E. VIA DE VENTURA #396	Project Name: SRP
City, State, Zip: SCOTTSDALE, AZ 85258	Project Number: 10108 TASK 3
Contact: LAURIE LAPAS-POLASKO	P.O. Number: 10108 TASK 3
Phone: (480) 348-1244 Fax: (480) 348-1245	Fax Results: Y N
E-Mail Address:	E-Mail Results: Y N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No N/A
Total # of Containers: 13

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15		MAXIMUM PID DURING PURGE				
11	00672	6, 1, 0.4	EB-02	6/13/06	1430	AIR/SG				X							
12	01280	6, 1, 0.4	ASG-18-5.0	6/13/06	1506	AIR/SG				X			0.6	PPM			
13	01302	6, 1, 0.4	ASG-18-14.0	6/13/06	1538	AIR/SG				X			1.0	PPM			
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

6/13/06

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
6/13/06	1608	[signature]	[signature]

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Aerotech Environmental, Inc. **Date:** *30-Jun-06*

CLIENT: Geomatrix Consultants
Project: SRP 16th St Facility/10108 Task 3
Lab Order: 06060410

CASE NARRATIVE

Samples were analyzed using methods outlined in references such as:

Standard Methods for the Examination of Water and Wastewater, 19th Edition, 1995.

Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, Revised March 1983.

Methods for the Determination of Organic Compounds in Drinking Water: Supplement III, EPA/600/R-95/131, August 1995.

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition.

40 CFR, Part 136, Revised 1998. Appendix A to Part 136 - Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater.

NIOSH Manual of Analytical Methods, Fourth Edition, 1994.

Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition, 1999.

Aerotech Environmental Laboratories (AEL) holds Arizona certification no. AZ0610 and AEL-Tucson holds Arizona certification no. AZ0609.

Aerotech Environmental Laboratories (Laboratory ID 154268) is accredited by the American Industrial Hygiene Association (AIHA) in the industrial hygiene program for the analytical techniques noted on the scope of accreditation.

Analytical Comments:

All method blanks and laboratory control spikes met EPA method and/or laboratory quality control objectives for the analyses included in this report.

Data Qualifiers:

Listed below are the data qualifiers used in your analytical report to explain any analytical or quality control issues. You will find them noted in your report under the column header "QUAL". Any quality control deficiencies that cannot be adequately described by these qualifiers will be addressed in the analytical comments section of this case narrative.

D2 Sample required dilution due to high concentration of target analyte.
L1 The associated blank spike recovery was above laboratory acceptance limits.

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CLIENT: Geomatrix Consultants
Project: SRP 16th St Facility/10108 Task 3
Lab Order: 06060410

CASE NARRATIVE

N1 See case narrative.
R7 LCS/LCSD RPD exceeded the laboratory control limit. Recovery met acceptance criteria.
R9 Sample RPD exceeded the laboratory control limit.
T4 Tentatively identified compound. Concentration is estimated and based on the closest internal standard.
V1 CCV recovery was above method acceptance limits. This target analyte was not detected in the sample.

N1- Method TO15:
The LCS recovery of 61.1% for 1,4-Dioxane was lower than AEL acceptance limits of 65-135%. The LCSD recovery for 1,4-Dioxane was good and was not detected in the samples. The Samples and the LCS were reported with an N1.

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-01A

Client Sample ID: ASG-25-5.0
Tag Number: 00622
Collection Date: 6/12/2006 8:27:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/15/2006
1,2,4-Trimethylbenzene	14 J	2.5	0.070 J	0.012		5	6/15/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/15/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3,5-Trimethylbenzene	3.1	2.5	0.015	0.012		5	6/15/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dioxane	< 25 UJ	25	< 0.092 UJ	0.092	L1	5	6/15/2006
2,2,4-Trimethylpentane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
2-Butanone (MEK)	35	5.0	0.10	0.015		5	6/15/2006
2-Hexanone	5.9 UJ	5.0	0.025 UJ	0.021	L1	5	6/15/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/15/2006
4-Ethyltoluene	5.8	2.5	0.026	0.011		5	6/15/2006
4-Methyl-2-pentanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021		5	6/15/2006
→ Acetone	180	25	0.43	0.060	D2	5	6/15/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/15/2006
Benzene	9.1	2.5	0.030	0.0081		5	6/15/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/15/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-01A

Client Sample ID: ASG-25-5.0
Tag Number: 00622
Collection Date: 6/12/2006 8:27:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/15/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/15/2006
Carbon disulfide	3.1	2.5	0.0098	0.0079		5	6/15/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/15/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/15/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/15/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/15/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/15/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/15/2006
Ethyl Acetate	4.9	2.5	0.018	0.0092		5	6/15/2006
Ethylbenzene	3.2	2.5	0.014	0.011		5	6/15/2006
Heptane	12	2.5	0.050	0.010		5	6/15/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054	V1L1	5	6/15/2006
Hexane	6.8	2.5	0.024	0.0089		5	6/15/2006
m&p-Xylene	14	5.0	0.062	0.022		5	6/15/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/15/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/15/2006
o-Xylene	5.9	2.5	0.026	0.011		5	6/15/2006
Propene (Propylene)	80	2.5	0.14	0.0044	D2	5	6/15/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-01A

Client Sample ID: ASG-25-5.0
Tag Number: 00622
Collection Date: 6/12/2006 8:27:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Tetrachloroethene	94	2.5	0.65	0.017	D2	5	6/15/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/15/2006
Toluene	12	2.5	0.046	0.0096		5	6/15/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/15/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/15/2006
Surr: 4-Bromofluorobenzene	104 %REC	70-130	-	-		5	6/15/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/15/2006

Qualifiers:

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-02A

Client Sample ID: ASG-25-15.0
Tag Number: 00197
Collection Date: 6/12/2006 9:00:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/15/2006
1,2,4-Trimethylbenzene	7.8 J	2.5	0.039 J	0.012		5	6/15/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/15/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dioxane	< 25	25	< 0.092	0.092	L1	5	6/15/2006
2,2,4-Trimethylpentane	< 2.5 UJ	2.5	< 0.012 UJ	0.012		5	6/15/2006
2-Butanone (MEK)	15	5.0	0.045	0.015		5	6/15/2006
2-Hexanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021	L1	5	6/15/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/15/2006
4-Ethyltoluene	3.3	2.5	0.015	0.011		5	6/15/2006
4-Methyl-2-pentanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021		5	6/15/2006
Acetone	100	25	0.24	0.060	D2	5	6/15/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/15/2006
Benzene	< 2.5	2.5	< 0.0081	0.0081		5	6/15/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/15/2006

Qualifiers:
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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-02A

Client Sample ID: ASG-25-15.0
Tag Number: 00197
Collection Date: 6/12/2006 9:00:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/15/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/15/2006
Carbon disulfide	< 2.5	2.5	< 0.0079	0.0079		5	6/15/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/15/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/15/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/15/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/15/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/15/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/15/2006
Ethyl Acetate	9.9	2.5	0.036	0.0092		5	6/15/2006
Ethylbenzene	3.2	2.5	0.014	0.011		5	6/15/2006
Heptane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054	V1L1	5	6/15/2006
Hexane	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
m&p-Xylene	14	5.0	0.062	0.022		5	6/15/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/15/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/15/2006
o-Xylene	5.8	2.5	0.026	0.011		5	6/15/2006
Propene (Propylene)	8.2	2.5	0.014	0.0044		5	6/15/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-02A

Client Sample ID: ASG-25-15.0
Tag Number: 00197
Collection Date: 6/12/2006 9:00:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Tetrachloroethene	110	2.5	0.76	0.017	D2	5	6/15/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/15/2006
Toluene	7.0	2.5	0.027	0.0096		5	6/15/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorofluoromethane(F-11)	3.2	2.5	0.018	0.014		5	6/15/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/15/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/15/2006
Surr: 4-Bromofluorobenzene	98.3 %REC	70-130	-	-		5	6/15/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-03A

Client Sample ID: ASG-26-5.0
Tag Number: 00668
Collection Date: 6/12/2006 9:47:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/15/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/15/2006
1,2,4-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/15/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/15/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/15/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dioxane	< 100 UJ	100	< 0.37 UJ	0.37	L1	20	6/15/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/15/2006
2-Butanone (MEK)	31	20	0.093	0.060		20	6/15/2006
2-Hexanone	< 20 UJ	20	< 0.083 UJ	0.083	L1	20	6/15/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/15/2006
4-Ethyltoluene	< 10	10	< 0.044	0.044		20	6/15/2006
4-Methyl-2-pentanone	< 20 UJ	20	< 0.083 UJ	0.083		20	6/15/2006
Acetone	160	100	0.39	0.24	D2	20	6/15/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/15/2006
Benzene	64	10	0.21	0.032		20	6/15/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/15/2006

Qualifiers:
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R - RPD outside accepted recovery limits
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-03A

Client Sample ID: ASG-26-5.0
Tag Number: 00668
Collection Date: 6/12/2006 9:47:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/15/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/15/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/15/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/15/2006
Carbon disulfide	< 10	10	< 0.032	0.032		20	6/15/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/15/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/15/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/15/2006
Chloroform	< 10	10	< 0.050	0.050		20	6/15/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/15/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Cyclohexane	< 10	10	< 0.035	0.035		20	6/15/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/15/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/15/2006
Ethyl Acetate	< 10	10	< 0.037	0.037		20	6/15/2006
Ethylbenzene	< 10	10	< 0.044	0.044		20	6/15/2006
Heptane	29	10	0.12	0.042		20	6/15/2006
Hexachlorobutadiene	< 20	20	< 0.22	0.22	V1L1	20	6/15/2006
Hexane	21	10	0.075	0.036		20	6/15/2006
m&p-Xylene	< 20	20	< 0.088	0.088		20	6/15/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/15/2006
Methylene chloride	27	10	0.095	0.035		20	6/15/2006
o-Xylene	< 10	10	< 0.044	0.044		20	6/15/2006
Propene (Propylene)	150	10	0.26	0.018	D2	20	6/15/2006

Qualifiers:
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R - RPD outside accepted recovery limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-03A

Client Sample ID: ASG-26-5.0
Tag Number: 00668
Collection Date: 6/12/2006 9:47:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/15/2006
Tetrachloroethene	58	10	0.40	0.069		20	6/15/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/15/2006
Toluene	17	10	0.065	0.038		20	6/15/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/15/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/15/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/15/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/15/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/15/2006
Surr: 4-Bromofluorobenzene	95.2 %REC	70-130	-	-		20	6/15/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/15/2006

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-04A

Client Sample ID: ASG-26-15.0
Tag Number: 01323
Collection Date: 6/12/2006 10:12:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/15/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/15/2006
1,2,4-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/15/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/15/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/15/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dioxane	< 100 U5	100	< 0.37 U5	0.37	L1	20	6/15/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/15/2006
2-Butanone (MEK)	39	20	0.12	0.060		20	6/15/2006
2-Hexanone	< 20 U5	20	< 0.083 U5	0.083	L1	20	6/15/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/15/2006
4-Ethyltoluene	< 10	10	< 0.044	0.044		20	6/15/2006
4-Methyl-2-pentanone	< 20 U5	20	< 0.083 U5	0.083		20	6/15/2006
Acetone	210	100	0.51	0.24	D2	20	6/15/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/15/2006
Benzene	< 10	10	< 0.032	0.032		20	6/15/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/15/2006

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

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-04A

Client Sample ID: ASG-26-15.0
Tag Number: 01323
Collection Date: 6/12/2006 10:12:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/15/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/15/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/15/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/15/2006
Carbon disulfide	< 10	10	< 0.032	0.032		20	6/15/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/15/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/15/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/15/2006
Chloroform	< 10	10	< 0.050	0.050		20	6/15/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/15/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Cyclohexane	< 10	10	< 0.035	0.035		20	6/15/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/15/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/15/2006
Ethyl Acetate	< 10	10	< 0.037	0.037		20	6/15/2006
Ethylbenzene	< 10	10	< 0.044	0.044		20	6/15/2006
Heptane	18	10	0.075	0.042		20	6/15/2006
Hexachlorobutadiene	< 20	20	< 0.22	0.22	V1L1	20	6/15/2006
Hexane	14	10	0.050	0.036		20	6/15/2006
m&p-Xylene	< 20	20	< 0.088	0.088		20	6/15/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/15/2006
Methylene chloride	< 10	10	< 0.035	0.035		20	6/15/2006
o-Xylene	< 10	10	< 0.044	0.044		20	6/15/2006
Propene (Propylene)	230	10	0.40	0.018	D2	20	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-04A

Client Sample ID: ASG-26-15.0
Tag Number: 01323
Collection Date: 6/12/2006 10:12:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/15/2006
Tetrachloroethene	46	10	0.32	0.069		20	6/15/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/15/2006
Toluene	< 10	10	< 0.038	0.038		20	6/15/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/15/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/15/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/15/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/15/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/15/2006
Surr: 4-Bromofluorobenzene	95.9 %REC	70-130	-	-		20	6/15/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/15/2006

Qualifiers:

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B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-05A

Client Sample ID: ASG-24-5.0
Tag Number: 01240
Collection Date: 6/12/2006 11:07:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/15/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/15/2006
1,2,4-Trimethylbenzene	20 J	10	0.10 J	0.050		20	6/15/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/15/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/15/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/15/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dioxane	< 100 UJ	100	< 0.37 UJ	0.37	L1	20	6/15/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/15/2006
2-Butanone (MEK)	< 20	20	< 0.060	0.060		20	6/15/2006
2-Hexanone	< 20 UJ	20	< 0.083 UJ	0.083	L1	20	6/15/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/15/2006
4-Ethyltoluene	< 10	10	< 0.044	0.044		20	6/15/2006
4-Methyl-2-pentanone	< 20 UJ	20	< 0.083 UJ	0.083		20	6/15/2006
Acetone	< 100	100	< 0.24	0.24		20	6/15/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/15/2006
Benzene	< 10	10	< 0.032	0.032		20	6/15/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/15/2006

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

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-05A

Client Sample ID: ASG-24-5.0
Tag Number: 01240
Collection Date: 6/12/2006 11:07:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: **KPD**
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/15/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/15/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/15/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/15/2006
Carbon disulfide	< 10	10	< 0.032	0.032		20	6/15/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/15/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/15/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/15/2006
Chloroform	< 10	10	< 0.050	0.050		20	6/15/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/15/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Cyclohexane	< 10	10	< 0.035	0.035		20	6/15/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/15/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/15/2006
Ethyl Acetate	< 10	10	< 0.037	0.037		20	6/15/2006
Ethylbenzene	< 10	10	< 0.044	0.044		20	6/15/2006
Heptane	< 10	10	< 0.042	0.042		20	6/15/2006
Hexachlorobutadiene	< 20	20	< 0.22	0.22	V1L1	20	6/15/2006
Hexane	< 10	10	< 0.036	0.036		20	6/15/2006
m&p-Xylene	< 20	20	< 0.088	0.088		20	6/15/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/15/2006
Methylene chloride	< 10	10	< 0.035	0.035		20	6/15/2006
o-Xylene	< 10	10	< 0.044	0.044		20	6/15/2006
Propene (Propylene)	71	10	0.12	0.018	D2	20	6/15/2006

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-05A

Client Sample ID: ASG-24-5.0
Tag Number: 01240
Collection Date: 6/12/2006 11:07:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/15/2006
Tetrachloroethene	240	10	1.7	0.069	D2	20	6/15/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/15/2006
Toluene	< 10	10	< 0.038	0.038		20	6/15/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/15/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/15/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/15/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/15/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/15/2006
Surr: 4-Bromofluorobenzene	97.5 %REC	70-130	-	-		20	6/15/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/15/2006

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

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-06A

Client Sample ID: DUP-01
Tag Number: 00276
Collection Date: 6/12/2006 11:07:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1,2,2-Tetrachloroethane	< 5.0	5.0	< 0.035	0.035		10	6/15/2006
1,1,2-Trichloroethane	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
1,1-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,1-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
1,2,4-Trichlorobenzene	< 20	20	< 0.15	0.15		10	6/15/2006
1,2,4-Trimethylbenzene	34 J	5.0	0.17 J	0.025		10	6/15/2006
1,2-Dibromoethane	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
1,2-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,2-Dichloroethane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
1,2-Dichloropropane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
1,3,5-Trimethylbenzene	13	5.0	0.065	0.025		10	6/15/2006
1,3-Butadiene	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
1,3-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dichlorobenzene	< 5.0	5.0	< 0.031	0.031		10	6/15/2006
1,4-Dioxane	< 50 UJ	50	< 0.18 UJ	0.18	L1	10	6/15/2006
2,2,4-Trimethylpentane	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
2-Butanone (MEK)	33	10	0.099	0.030		10	6/15/2006
2-Hexanone	< 10 UJ	10	< 0.042 UJ	0.042	L1	10	6/15/2006
2-Propanol	< 20	20	< 0.050	0.050		10	6/15/2006
→ 4-Ethyltoluene	17	5.0	0.075	0.022		10	6/15/2006
4-Methyl-2-pentanone	< 10 UJ	10	< 0.042 UJ	0.042		10	6/15/2006
→ Acetone	290	50	0.70	0.12	D2	10	6/15/2006
Allyl chloride	< 5.0	5.0	< 0.0080	0.0080		10	6/15/2006
Benzene	12	5.0	0.039	0.016		10	6/15/2006
Benzyl chloride	< 20	20	< 0.11	0.11		10	6/15/2006

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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R - RPD outside accepted recovery limits
E - Value above quantitation range

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-06A

Client Sample ID: DUP-01
Tag Number: 00276
Collection Date: 6/12/2006 11:07:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 5.0	5.0	< 0.034	0.034		10	6/15/2006
Bromoethene(Vinyl Bromide)	< 5.0	5.0	< 0.011	0.011		10	6/15/2006
Bromoform	< 5.0	5.0	< 0.052	0.052		10	6/15/2006
Bromomethane	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
Carbon disulfide	< 5.0	5.0	< 0.016	0.016		10	6/15/2006
Carbon tetrachloride	< 5.0	5.0	< 0.032	0.032		10	6/15/2006
Chlorobenzene	< 5.0	5.0	< 0.024	0.024		10	6/15/2006
Chloroethane	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Chloroform	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Chloromethane	< 5.0	5.0	< 0.010	0.010		10	6/15/2006
cis-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
cis-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Cyclohexane	5.0	5.0	0.017	0.017		10	6/15/2006
Dibromochloromethane	< 5.0	5.0	< 0.043	0.043		10	6/15/2006
Dichlorodifluoromethane(F-12)	< 5.0	5.0	< 0.025	0.025		10	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 5.0	5.0	< 0.036	0.036		10	6/15/2006
Ethyl Acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Ethylbenzene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Heptane	< 5.0	5.0	< 0.021	0.021		10	6/15/2006
Hexachlorobutadiene	< 10	10	< 0.11	0.11	V1L1	10	6/15/2006
Hexane	11	5.0	0.039	0.018		10	6/15/2006
m&p-Xylene	10	10	0.044	0.044		10	6/15/2006
Methyl tert-butyl ether	< 10	10	< 0.037	0.037		10	6/15/2006
Methylene chloride	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
o-Xylene	5.4	5.0	0.024	0.022		10	6/15/2006
Propene (Propylene)	72	5.0	0.13	0.0088	D2	10	6/15/2006

Qualifiers:
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Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-06A

Client Sample ID: DUP-01
Tag Number: 00276
Collection Date: 6/12/2006 11:07:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 5.0	5.0	< 0.022	0.022		10	6/15/2006
Tetrachloroethene	280	5.0	1.9	0.034	D2	10	6/15/2006
Tetrahydrofuran	< 20	20	< 0.060	0.060		10	6/15/2006
Toluene	8.5	5.0	0.033	0.019		10	6/15/2006
trans-1,2-Dichloroethene	< 5.0	5.0	< 0.020	0.020		10	6/15/2006
trans-1,3-Dichloropropene	< 5.0	5.0	< 0.023	0.023		10	6/15/2006
Trichloroethene	< 5.0	5.0	< 0.028	0.028		10	6/15/2006
Trichlorofluoromethane(F-11)	5.0	5.0	0.028	0.028		10	6/15/2006
Trichlorotrifluoroethane(F-113)	< 5.0	5.0	< 0.039	0.039		10	6/15/2006
Vinyl acetate	< 5.0	5.0	< 0.018	0.018		10	6/15/2006
Vinyl chloride	< 5.0	5.0	< 0.013	0.013		10	6/15/2006
Surr: 4-Bromofluorobenzene	97.3 %REC	70-130	-	-		10	6/15/2006
TIC: Difluoroethane	< 50	50	-	-	T4	10	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-07A

Client Sample ID: ASG-24-15.0
Tag Number: 01236
Collection Date: 6/12/2006 11:38:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/15/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/15/2006
1,2,4-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/15/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/15/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/15/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dioxane	< 100 UJ	100	< 0.37 UJ	0.37	L1	20	6/15/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/15/2006
2-Butanone (MEK)	22	20	0.066	0.060		20	6/15/2006
2-Hexanone	< 20 UJ	20	< 0.083 UJ	0.083	L1	20	6/15/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/15/2006
4-Ethyltoluene	< 10	10	< 0.044	0.044		20	6/15/2006
4-Methyl-2-pentanone	< 20 UJ	20	< 0.083 UJ	0.083		20	6/15/2006
Acetone	110	100	0.27	0.24	D2	20	6/15/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/15/2006
Benzene	< 10	10	< 0.032	0.032		20	6/15/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/15/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-07A

Client Sample ID: ASG-24-15.0
Tag Number: 01236
Collection Date: 6/12/2006 11:38:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/15/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/15/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/15/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/15/2006
Carbon disulfide	14	10	0.044	0.032		20	6/15/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/15/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/15/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/15/2006
Chloroform	< 10	10	< 0.050	0.050		20	6/15/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/15/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Cyclohexane	< 10	10	< 0.035	0.035		20	6/15/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/15/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/15/2006
Ethyl Acetate	17	10	0.062	0.037		20	6/15/2006
Ethylbenzene	< 10	10	< 0.044	0.044		20	6/15/2006
Heptane	< 10	10	< 0.042	0.042		20	6/15/2006
Hexachlorobutadiene	< 20	20	< 0.22	0.22	V1L1	20	6/15/2006
Hexane	< 10	10	< 0.036	0.036		20	6/15/2006
m&p-Xylene	< 20	20	< 0.088	0.088		20	6/15/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/15/2006
Methylene chloride	< 10	10	< 0.035	0.035		20	6/15/2006
o-Xylene	< 10	10	< 0.044	0.044		20	6/15/2006
Propene (Propylene)	58	10	0.10	0.018	D2	20	6/15/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-07A

Client Sample ID: ASG-24-15.0
Tag Number: 01236
Collection Date: 6/12/2006 11:38:00 AM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/15/2006
Tetrachloroethene	140	10	0.97	0.069	D2	20	6/15/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/15/2006
Toluene	< 10	10	< 0.038	0.038		20	6/15/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/15/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/15/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/15/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/15/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/15/2006
Surr: 4-Bromofluorobenzene	102 %REC	70-130	-	-		20	6/15/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/15/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-08A

Client Sample ID: ASG-27-5.0
Tag Number: 00616
Collection Date: 6/12/2006 1:15:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/15/2006
1,2,4-Trimethylbenzene	3.9 J	2.5	0.019 J	0.012		5	6/15/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/15/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dioxane	< 25 UJ	25	< 0.092 UJ	0.092	L1	5	6/15/2006
2,2,4-Trimethylpentane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
2-Butanone (MEK)	53	5.0	0.16	0.015	D2	5	6/15/2006
2-Hexanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021	L1	5	6/15/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/15/2006
4-Ethyltoluene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
4-Methyl-2-pentanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021		5	6/15/2006
Acetone	440	50	1.1	0.12	D2	10	6/21/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/15/2006
Benzene	5.2	2.5	0.017	0.0081		5	6/15/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/15/2006

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

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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-08A

Client Sample ID: ASG-27-5.0
Tag Number: 00616
Collection Date: 6/12/2006 1:15:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/15/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/15/2006
Carbon disulfide	< 2.5	2.5	< 0.0079	0.0079		5	6/15/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/15/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/15/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/15/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/15/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/15/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/15/2006
Ethyl Acetate	19	2.5	0.070	0.0092		5	6/15/2006
Ethylbenzene	3.0	2.5	0.013	0.011		5	6/15/2006
Heptane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054	V1L1	5	6/15/2006
Hexane	8.0	2.5	0.029	0.0089		5	6/15/2006
m&p-Xylene	10	5.0	0.044	0.022		5	6/15/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/15/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/15/2006
o-Xylene	3.3	2.5	0.015	0.011		5	6/15/2006
Propene (Propylene)	47	2.5	0.082	0.0044		5	6/15/2006

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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-08A

Client Sample ID: ASG-27-5.0
Tag Number: 00616
Collection Date: 6/12/2006 1:15:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Tetrachloroethene	3.6	2.5	0.025	0.017		5	6/15/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/15/2006
Toluene	9.8	2.5	0.038	0.0096		5	6/15/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/15/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/15/2006
Surr: 4-Bromofluorobenzene	98.1 %REC	70-130	-	-		5	6/15/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/15/2006

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J - Analyte detected below quantitation limits
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* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-09A

Client Sample ID: ASG-27-13.0
Tag Number: 01300
Collection Date: 6/12/2006 1:42:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/15/2006
1,2,4-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/15/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dioxane	< 25 UJ	25	< 0.092 UJ	0.092	L1	5	6/15/2006
2,2,4-Trimethylpentane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
2-Butanone (MEK)	20	5.0	0.060	0.015		5	6/15/2006
2-Hexanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021	L1	5	6/15/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/15/2006
4-Ethyltoluene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
4-Methyl-2-pentanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021		5	6/15/2006
Acetone	140	25	0.34	0.060	D2	5	6/15/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/15/2006
Benzene	3.3	2.5	0.011	0.0081		5	6/15/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/15/2006

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

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-09A

Client Sample ID: ASG-27-13.0
Tag Number: 01300
Collection Date: 6/12/2006 1:42:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/15/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/15/2006
Carbon disulfide	7.6	2.5	0.024	0.0079		5	6/15/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/15/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/15/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/15/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/15/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/15/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/15/2006
Ethyl Acetate	< 2.5	2.5	< 0.0092	0.0092		5	6/15/2006
Ethylbenzene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Heptane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054	V1L1	5	6/15/2006
Hexane	3.4	2.5	0.012	0.0089		5	6/15/2006
m&p-Xylene	< 5.0	5.0	< 0.022	0.022		5	6/15/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/15/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/15/2006
o-Xylene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Propene (Propylene)	92	2.5	0.16	0.0044	D2	5	6/15/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-09A

Client Sample ID: ASG-27-13.0
Tag Number: 01300
Collection Date: 6/12/2006 1:42:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Tetrachloroethene	16	2.5	0.11	0.017		5	6/15/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/15/2006
Toluene	< 2.5	2.5	< 0.0096	0.0096		5	6/15/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
→ Trichlorofluoromethane(F-11)	8.6	2.5	0.049	0.014		5	6/15/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/15/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/15/2006
Surr: 4-Bromofluorobenzene	101 %REC	70-130	-	-		5	6/15/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/15/2006

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-10A

Client Sample ID: AMBIENT-01
Tag Number: 00304
Collection Date: 6/12/2006 2:07:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
1,1,2,2-Tetrachloroethane	< 0.50	0.50	< 0.0035	0.0035		1	6/17/2006
1,1,2-Trichloroethane	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
1,1-Dichloroethane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
1,1-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
1,2,4-Trichlorobenzene	< 2.0	2.0	< 0.015	0.015		1	6/17/2006
1,2,4-Trimethylbenzene	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
1,2-Dibromoethane	< 0.50	0.50	< 0.0039	0.0039		1	6/17/2006
1,2-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,2-Dichloroethane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
1,2-Dichloropropane	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
1,3,5-Trimethylbenzene	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
1,3-Butadiene	< 0.50	0.50	< 0.0011	0.0011		1	6/17/2006
1,3-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,4-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,4-Dioxane	< 5.0 UJ	5.0	< 0.018 UJ	0.018	N1	1	6/17/2006
2,2,4-Trimethylpentane	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
2-Butanone (MEK)	< 1.0	1.0	< 0.0030	0.0030		1	6/17/2006
2-Hexanone	< 1.0	1.0	< 0.0042	0.0042		1	6/17/2006
2-Propanol	< 2.0	2.0	< 0.0050	0.0050		1	6/17/2006
4-Ethyltoluene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
4-Methyl-2-pentanone	< 1.0	1.0	< 0.0042	0.0042		1	6/17/2006
Acetone	17	5.0	0.041	0.012		1	6/17/2006
Allyl chloride	< 0.50	0.50	< 0.00080	0.00080		1	6/17/2006
Benzene	< 0.50	0.50	< 0.0016	0.0016		1	6/17/2006
Benzyl chloride	< 2.0	2.0	< 0.011	0.011		1	6/17/2006

Qualifiers:
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S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
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Aerotech Environmental Laboratories

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-10A

Client Sample ID: AMBIENT-01
Tag Number: 00304
Collection Date: 6/12/2006 2:07:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 0.50	0.50	< 0.0034	0.0034		1	6/17/2006
Bromoethene(Vinyl Bromide)	< 0.50	0.50	< 0.0011	0.0011		1	6/17/2006
Bromoform	< 0.50	0.50	< 0.0052	0.0052		1	6/17/2006
Bromomethane	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
Carbon disulfide	< 0.50	0.50	< 0.0016	0.0016		1	6/17/2006
Carbon tetrachloride	< 0.50	0.50	< 0.0032	0.0032		1	6/17/2006
Chlorobenzene	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
Chloroethane	< 0.50	0.50	< 0.0013	0.0013		1	6/17/2006
Chloroform	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
Chloromethane	< 0.50	0.50	< 0.0010	0.0010		1	6/17/2006
cis-1,2-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
cis-1,3-Dichloropropene	< 0.50	0.50	< 0.0023	0.0023		1	6/17/2006
Cyclohexane	< 0.50	0.50	< 0.0017	0.0017		1	6/17/2006
Dibromochloromethane	< 0.50	0.50	< 0.0043	0.0043		1	6/17/2006
Dichlorodifluoromethane(F-12)	0.68	0.50	0.0034	0.0025		1	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50	< 0.0036	0.0036		1	6/17/2006
Ethyl Acetate	0.70	0.50	0.0026	0.0018		1	6/17/2006
Ethylbenzene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Heptane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
Hexachlorobutadiene	< 1.0	1.0	< 0.011	0.011		1	6/17/2006
Hexane	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
m&p-Xylene	< 1.0	1.0	< 0.0044	0.0044		1	6/17/2006
Methyl tert-butyl ether	< 1.0	1.0	< 0.0037	0.0037		1	6/17/2006
Methylene chloride	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
o-Xylene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Propene (Propylene)	< 0.50	0.50	< 0.00088	0.00088		1	6/17/2006

Qualifiers:
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-10A

Client Sample ID: AMBIENT-01
Tag Number: 00304
Collection Date: 6/12/2006 2:07:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Tetrachloroethene	< 0.50	0.50	< 0.0034	0.0034		1	6/17/2006
Tetrahydrofuran	< 2.0	2.0	< 0.0060	0.0060		1	6/17/2006
Toluene	0.62 U	0.50	0.0024 U	0.0019		1	6/17/2006
trans-1,2-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
trans-1,3-Dichloropropene	< 0.50	0.50	< 0.0023	0.0023		1	6/17/2006
Trichloroethene	0.51	0.50	0.0028	0.0028		1	6/17/2006
Trichlorofluoromethane(F-11)	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
Trichlorotrifluoroethane(F-113)	< 0.50	0.50	< 0.0039	0.0039		1	6/17/2006
Vinyl acetate	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
Vinyl chloride	< 0.50	0.50	< 0.0013	0.0013		1	6/17/2006
Surr: 4-Bromofluorobenzene	99.4 %REC	70-130	-	-		1	6/17/2006
TIC: Difluoroethane	< 5.0	5.0	-	-	T4	1	6/17/2006

Qualifiers:
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J - Analyte detected below quantitation limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-11A

Client Sample ID: ASG-23-5.0
Tag Number: 00307
Collection Date: 6/12/2006 2:34:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
1,1,1-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1,2,2-Tetrachloroethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
1,1,2-Trichloroethane	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
1,1-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,1-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2,4-Trichlorobenzene	< 10	10	< 0.075	0.075		5	6/15/2006
1,2,4-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,2-Dibromoethane	< 2.5	2.5	< 0.020	0.020		5	6/15/2006
1,2-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,2-Dichloroethane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
1,2-Dichloropropane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3,5-Trimethylbenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
1,3-Butadiene	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
1,3-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dichlorobenzene	< 2.5	2.5	< 0.015	0.015		5	6/15/2006
1,4-Dioxane	< 25 UJ	25	< 0.092 UJ	0.092	L1	5	6/15/2006
2,2,4-Trimethylpentane	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
2-Butanone (MEK)	12	5.0	0.036	0.015		5	6/15/2006
2-Hexanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021	L1	5	6/15/2006
2-Propanol	< 10	10	< 0.025	0.025		5	6/15/2006
4-Ethyltoluene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
4-Methyl-2-pentanone	< 5.0 UJ	5.0	< 0.021 UJ	0.021		5	6/15/2006
Acetone	60	25	0.14	0.060	D2	5	6/15/2006
Allyl chloride	< 2.5	2.5	< 0.0040	0.0040		5	6/15/2006
Benzene	15	2.5	0.049	0.0081		5	6/15/2006
Benzyl chloride	< 10	10	< 0.053	0.053		5	6/15/2006

Qualifiers:
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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
* - Value exceeds Maximum Contaminant Level
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
Tucson Facility: 4455 S. Park Ave. Ste. 110 Tucson, AZ 85714 Phone: 520.807.3801 Fax: 520.807.3803

Aerotech Environmental Laboratories

a division of Aerotech Laboratories, Inc.

Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-11A

Client Sample ID: ASG-23-5.0
Tag Number: 00307
Collection Date: 6/12/2006 2:34:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 2.5	2.5	< 0.017	0.017		5	6/15/2006
Bromoethene(Vinyl Bromide)	< 2.5	2.5	< 0.0056	0.0056		5	6/15/2006
Bromoform	< 2.5	2.5	< 0.026	0.026		5	6/15/2006
Bromomethane	< 2.5	2.5	< 0.0099	0.0099		5	6/15/2006
Carbon disulfide	2.6	2.5	0.0082	0.0079		5	6/15/2006
Carbon tetrachloride	< 2.5	2.5	< 0.016	0.016		5	6/15/2006
Chlorobenzene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloroethane	< 2.5	2.5	< 0.0067	0.0067		5	6/15/2006
Chloroform	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Chloromethane	< 2.5	2.5	< 0.0052	0.0052		5	6/15/2006
cis-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
cis-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Cyclohexane	< 2.5	2.5	< 0.0087	0.0087		5	6/15/2006
Dibromochloromethane	< 2.5	2.5	< 0.022	0.022		5	6/15/2006
Dichlorodifluoromethane(F-12)	< 2.5	2.5	< 0.013	0.013		5	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 2.5	2.5	< 0.018	0.018		5	6/15/2006
Ethyl Acetate	< 2.5	2.5	< 0.0092	0.0092		5	6/15/2006
Ethylbenzene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Heptane	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
Hexachlorobutadiene	< 5.0	5.0	< 0.054	0.054	V1L1	5	6/15/2006
Hexane	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
m&p-Xylene	< 5.0	5.0	< 0.022	0.022		5	6/15/2006
Methyl tert-butyl ether	< 5.0	5.0	< 0.018	0.018		5	6/15/2006
Methylene chloride	< 2.5	2.5	< 0.0088	0.0088		5	6/15/2006
o-Xylene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Propene (Propylene)	13	2.5	0.023	0.0044		5	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-11A

Client Sample ID: ASG-23-5.0
Tag Number: 00307
Collection Date: 6/12/2006 2:34:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 2.5	2.5	< 0.011	0.011		5	6/15/2006
Tetrachloroethene	75	2.5	0.52	0.017	D2	5	6/15/2006
Tetrahydrofuran	< 10	10	< 0.030	0.030		5	6/15/2006
Toluene	< 2.5	2.5	< 0.0096	0.0096		5	6/15/2006
trans-1,2-Dichloroethene	< 2.5	2.5	< 0.010	0.010		5	6/15/2006
trans-1,3-Dichloropropene	< 2.5	2.5	< 0.012	0.012		5	6/15/2006
Trichloroethene	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorofluoromethane(F-11)	< 2.5	2.5	< 0.014	0.014		5	6/15/2006
Trichlorotrifluoroethane(F-113)	< 2.5	2.5	< 0.019	0.019		5	6/15/2006
Vinyl acetate	< 2.5	2.5	< 0.0089	0.0089		5	6/15/2006
Vinyl chloride	< 2.5	2.5	< 0.0065	0.0065		5	6/15/2006
Surr: 4-Bromofluorobenzene	97.4 %REC	70-130	-	-		5	6/15/2006
TIC: Difluoroethane	< 25	25	-	-	T4	5	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-12A

Client Sample ID: ASG-23-15.0
Tag Number: 00255
Collection Date: 6/12/2006 2:58:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
1,1,1-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1,2,2-Tetrachloroethane	< 10	10	< 0.070	0.070		20	6/15/2006
1,1,2-Trichloroethane	< 10	10	< 0.055	0.055		20	6/15/2006
1,1-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,1-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
1,2,4-Trichlorobenzene	< 40	40	< 0.30	0.30		20	6/15/2006
1,2,4-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,2-Dibromoethane	< 10	10	< 0.078	0.078		20	6/15/2006
1,2-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,2-Dichloroethane	< 10	10	< 0.041	0.041		20	6/15/2006
1,2-Dichloropropane	< 10	10	< 0.047	0.047		20	6/15/2006
1,3,5-Trimethylbenzene	< 10	10	< 0.050	0.050		20	6/15/2006
1,3-Butadiene	< 10	10	< 0.022	0.022		20	6/15/2006
1,3-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dichlorobenzene	< 10	10	< 0.061	0.061		20	6/15/2006
1,4-Dioxane	< 100 UJ	100	< 0.37 UJ	0.37	L1	20	6/15/2006
2,2,4-Trimethylpentane	< 10	10	< 0.047	0.047		20	6/15/2006
2-Butanone (MEK)	39	20	0.12	0.060		20	6/15/2006
2-Hexanone	< 20 UJ	20	< 0.083 UJ	0.083	L1	20	6/15/2006
2-Propanol	< 40	40	< 0.10	0.10		20	6/15/2006
4-Ethyltoluene	< 10	10	< 0.044	0.044		20	6/15/2006
4-Methyl-2-pentanone	< 20 UJ	20	< 0.083 UJ	0.083		20	6/15/2006
Acetone	210	100	0.51	0.24	D2	20	6/15/2006
Allyl chloride	< 10	10	< 0.016	0.016		20	6/15/2006
Benzene	21	10	0.068	0.032		20	6/15/2006
Benzyl chloride	< 40	40	< 0.21	0.21		20	6/15/2006

Qualifiers:
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R - RPD outside accepted recovery limits
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-12A

Client Sample ID: ASG-23-15.0
Tag Number: 00255
Collection Date: 6/12/2006 2:58:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
Bromodichloromethane	< 10	10	< 0.068	0.068		20	6/15/2006
Bromoethene(Vinyl Bromide)	< 10	10	< 0.022	0.022		20	6/15/2006
Bromoform	< 10	10	< 0.10	0.10		20	6/15/2006
Bromomethane	< 10	10	< 0.040	0.040		20	6/15/2006
Carbon disulfide	< 10	10	< 0.032	0.032		20	6/15/2006
Carbon tetrachloride	< 10	10	< 0.064	0.064		20	6/15/2006
Chlorobenzene	< 10	10	< 0.047	0.047		20	6/15/2006
Chloroethane	< 10	10	< 0.027	0.027		20	6/15/2006
Chloroform	< 10	10	< 0.050	0.050		20	6/15/2006
Chloromethane	< 10	10	< 0.021	0.021		20	6/15/2006
cis-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
cis-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Cyclohexane	< 10	10	< 0.035	0.035		20	6/15/2006
Dibromochloromethane	< 10	10	< 0.086	0.086		20	6/15/2006
Dichlorodifluoromethane(F-12)	< 10	10	< 0.050	0.050		20	6/15/2006
Dichlorotetrafluoroethane(F-114)	< 10	10	< 0.071	0.071		20	6/15/2006
Ethyl Acetate	< 10	10	< 0.037	0.037		20	6/15/2006
Ethylbenzene	< 10	10	< 0.044	0.044		20	6/15/2006
Heptane	< 10	10	< 0.042	0.042		20	6/15/2006
Hexachlorobutadiene	< 20	20	< 0.22	0.22	V1L1	20	6/15/2006
Hexane	< 10	10	< 0.036	0.036		20	6/15/2006
m&p-Xylene	< 20	20	< 0.088	0.088		20	6/15/2006
Methyl tert-butyl ether	< 20	20	< 0.073	0.073		20	6/15/2006
Methylene chloride	< 10	10	< 0.035	0.035		20	6/15/2006
o-Xylene	< 10	10	< 0.044	0.044		20	6/15/2006
Propene (Propylene)	85	10	0.15	0.018	D2	20	6/15/2006

Qualifiers:
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-12A

Client Sample ID: ASG-23-15.0
Tag Number: 00255
Collection Date: 6/12/2006 2:58:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 10	10	< 0.043	0.043		20	6/15/2006
Tetrachloroethene	57	10	0.39	0.069	D2	20	6/15/2006
Tetrahydrofuran	< 40	40	< 0.12	0.12		20	6/15/2006
Toluene	17	10	0.065	0.038		20	6/15/2006
trans-1,2-Dichloroethene	< 10	10	< 0.040	0.040		20	6/15/2006
trans-1,3-Dichloropropene	< 10	10	< 0.046	0.046		20	6/15/2006
Trichloroethene	< 10	10	< 0.055	0.055		20	6/15/2006
Trichlorofluoromethane(F-11)	< 10	10	< 0.057	0.057		20	6/15/2006
Trichlorotrifluoroethane(F-113)	< 10	10	< 0.078	0.078		20	6/15/2006
Vinyl acetate	< 10	10	< 0.036	0.036		20	6/15/2006
Vinyl chloride	< 10	10	< 0.026	0.026		20	6/15/2006
Surr: 4-Bromofluorobenzene	97.7 %REC	70-130	-	-		20	6/15/2006
TIC: Difluoroethane	< 100	100	-	-	T4	20	6/15/2006

Qualifiers:
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-13A

Client Sample ID: EB-01
Tag Number: 00606
Collection Date: 6/12/2006 3:44:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		TO15					Analyst: KPD
1,1,1-Trichloroethane	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
1,1,2,2-Tetrachloroethane	< 0.50	0.50	< 0.0035	0.0035		1	6/17/2006
1,1,2-Trichloroethane	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
1,1-Dichloroethane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
1,1-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
1,2,4-Trichlorobenzene	< 2.0	2.0	< 0.015	0.015		1	6/17/2006
1,2,4-Trimethylbenzene	1.1	0.50	0.0055	0.0025		1	6/17/2006
1,2-Dibromoethane	< 0.50	0.50	< 0.0039	0.0039		1	6/17/2006
1,2-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,2-Dichloroethane	< 0.50	0.50	< 0.0021	0.0021		1	6/17/2006
1,2-Dichloropropane	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
1,3,5-Trimethylbenzene	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
1,3-Butadiene	< 0.50	0.50	< 0.0011	0.0011		1	6/17/2006
1,3-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,4-Dichlorobenzene	< 0.50	0.50	< 0.0031	0.0031		1	6/17/2006
1,4-Dioxane	< 5.0 UJ	5.0	< 0.018	0.018	N1	1	6/17/2006
2,2,4-Trimethylpentane	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
2-Butanone (MEK)	< 1.0	1.0	< 0.0030	0.0030		1	6/17/2006
2-Hexanone	< 1.0	1.0	< 0.0042	0.0042		1	6/17/2006
2-Propanol	9.9	2.0	0.025	0.0050		1	6/17/2006
4-Ethyltoluene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
4-Methyl-2-pentanone	< 1.0	1.0	< 0.0042	0.0042		1	6/17/2006
Acetone	12	5.0	0.029	0.012		1	6/17/2006
Allyl chloride	< 0.50	0.50	< 0.00080	0.00080		1	6/17/2006
Benzene	< 0.50	0.50	< 0.0016	0.0016		1	6/17/2006
Benzyl chloride	< 2.0	2.0	< 0.011	0.011		1	6/17/2006

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R - RPD outside accepted recovery limits
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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-13A

Client Sample ID: EB-01
Tag Number: 00606
Collection Date: 6/12/2006 3:44:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Bromodichloromethane	< 0.50	0.50	< 0.0034	0.0034		1	6/17/2006
Bromoethene(Vinyl Bromide)	< 0.50	0.50	< 0.0011	0.0011		1	6/17/2006
Bromoform	< 0.50	0.50	< 0.0052	0.0052		1	6/17/2006
Bromomethane	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
Carbon disulfide	< 0.50	0.50	< 0.0016	0.0016		1	6/17/2006
Carbon tetrachloride	< 0.50	0.50	< 0.0032	0.0032		1	6/17/2006
Chlorobenzene	< 0.50	0.50	< 0.0024	0.0024		1	6/17/2006
Chloroethane	< 0.50	0.50	< 0.0013	0.0013		1	6/17/2006
Chloroform	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
Chloromethane	< 0.50	0.50	< 0.0010	0.0010		1	6/17/2006
cis-1,2-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
cis-1,3-Dichloropropene	< 0.50	0.50	< 0.0023	0.0023		1	6/17/2006
Cyclohexane	< 0.50	0.50	< 0.0017	0.0017		1	6/17/2006
Dibromochloromethane	< 0.50	0.50	< 0.0043	0.0043		1	6/17/2006
Dichlorodifluoromethane(F-12)	< 0.50	0.50	< 0.0025	0.0025		1	6/17/2006
Dichlorotetrafluoroethane(F-114)	< 0.50	0.50	< 0.0036	0.0036		1	6/17/2006
Ethyl Acetate	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
Ethylbenzene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Heptane	0.76	0.50	0.0032	0.0021		1	6/17/2006
Hexachlorobutadiene	< 1.0	1.0	< 0.011	0.011		1	6/17/2006
Hexane	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
m&p-Xylene	1.3	1.0	0.0057	0.0044		1	6/17/2006
Methyl tert-butyl ether	< 1.0	1.0	< 0.0037	0.0037		1	6/17/2006
Methylene chloride	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
o-Xylene	0.68	0.50	0.0030	0.0022		1	6/17/2006
Propene (Propylene)	< 0.50	0.50	< 0.00088	0.00088		1	6/17/2006

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R - RPD outside accepted recovery limits
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Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Lab Order: 06060410
Project: SRP 16th St Facility/10108 Task 3
Lab ID: 06060410-13A

Client Sample ID: EB-01
Tag Number: 00606
Collection Date: 6/12/2006 3:44:00 PM
Matrix: AIR

Analyses	ppbv Result	ppbv Limit	µg/L Result	µg/L Limit	Qual	DF	Date Analyzed
VOLATILE ORGANICS IN AIR		**TO15**					Analyst: **KPD**
Styrene	< 0.50	0.50	< 0.0022	0.0022		1	6/17/2006
Tetrachloroethene	< 0.50	0.50	< 0.0034	0.0034		1	6/17/2006
Tetrahydrofuran	< 2.0	2.0	< 0.0060	0.0060		1	6/17/2006
Toluene	1.4	0.50	0.0054	0.0019		1	6/17/2006
trans-1,2-Dichloroethene	< 0.50	0.50	< 0.0020	0.0020		1	6/17/2006
trans-1,3-Dichloropropene	< 0.50	0.50	< 0.0023	0.0023		1	6/17/2006
Trichloroethene	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
Trichlorofluoromethane(F-11)	< 0.50	0.50	< 0.0028	0.0028		1	6/17/2006
Trichlorotrifluoroethane(F-113)	< 0.50	0.50	< 0.0039	0.0039		1	6/17/2006
Vinyl acetate	< 0.50	0.50	< 0.0018	0.0018		1	6/17/2006
Vinyl chloride	< 0.50	0.50	< 0.0013	0.0013		1	6/17/2006
Surr: 4-Bromofluorobenzene	99.6 %REC	70-130	-	-		1	6/17/2006
TIC: Difluoroethane	< 5.0	5.0	-	-	T4	1	6/17/2006

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

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Aerotech Environmental Laboratories

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30-Jun-06

Aerotech Environmental, Inc.

Lab Order: 06060410
Client: Geomatrix Consultants
Project: SRP 16th St Facility/10108 Task 3

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
06060410-01A	ASG-25-5.0	6/12/2006 8:27:00 AM	Air	Volatile Organics in Air			6/15/2006
06060410-02A	ASG-25-15.0	6/12/2006 9:00:00 AM		Volatile Organics in Air			6/15/2006
06060410-03A	ASG-26-5.0	6/12/2006 9:47:00 AM		Volatile Organics in Air			6/15/2006
06060410-04A	ASG-26-15.0	6/12/2006 10:12:00 AM		Volatile Organics in Air			6/15/2006
06060410-05A	ASG-24-5.0	6/12/2006 11:07:00 AM		Volatile Organics in Air			6/15/2006
06060410-06A	DUP-01			Volatile Organics in Air			6/15/2006
06060410-07A	ASG-24-15.0	6/12/2006 11:38:00 AM		Volatile Organics in Air			6/15/2006
06060410-08A	ASG-27-5.0	6/12/2006 1:15:00 PM		Volatile Organics in Air			6/21/2006
				Volatile Organics in Air			6/15/2006
06060410-09A	ASG-27-13.0	6/12/2006 1:42:00 PM		Volatile Organics in Air			6/17/2006
06060410-10A	AMBIENT-01	6/12/2006 2:07:00 PM		Volatile Organics in Air			6/15/2006
06060410-11A	ASG-23-5.0	6/12/2006 2:34:00 PM		Volatile Organics in Air			6/15/2006
06060410-12A	ASG-23-15.0	6/12/2006 2:58:00 PM		Volatile Organics in Air			6/17/2006
06060410-13A	EB-01	6/12/2006 3:44:00 PM		Volatile Organics in Air			

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Aerotech Environmental, Inc.

Date: *30-Jun-06*

CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID MB-R75371 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75371
Client ID: | Batch ID: R75371 | TestNo: TO15 | Analysis Date: 6/15/2006 | SeqNo: 896017

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

TestCode: TO15

Sample ID **MB-R75371** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896017**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									V1
Hexachlorobutadiene	<1.0	1.0									
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

TestCode: TO15

Sample ID MB-R75371 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75371
Client ID: | Batch ID: R75371 | TestNo: TO15 | Analysis Date: 6/15/2006 | SeqNo: 896017

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.760	0.50	10	0	97.6	70	130				

Sample ID MB-R75442 | SampType: MBLK | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75442
Client ID: | Batch ID: R75442 | TestNo: TO15 | Analysis Date: 6/17/2006 | SeqNo: 896796

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	<0.50	0.50									
1,1,2,2-Tetrachloroethane	<0.50	0.50									
1,1,2-Trichloroethane	<0.50	0.50									
1,1-Dichloroethane	<0.50	0.50									
1,1-Dichloroethene	<0.50	0.50									
1,2,4-Trichlorobenzene	<2.0	2.0									
1,2,4-Trimethylbenzene	<0.50	0.50									
1,2-Dibromoethane	<0.50	0.50									
1,2-Dichlorobenzene	<0.50	0.50									
1,2-Dichloroethane	<0.50	0.50									
1,2-Dichloropropane	<0.50	0.50									
1,3,5-Trimethylbenzene	<0.50	0.50									
1,3-Butadiene	<0.50	0.50									
1,3-Dichlorobenzene	<0.50	0.50									
1,4-Dichlorobenzene	<0.50	0.50									
1,4-Dioxane	<5.0	5.0									
2,2,4-Trimethylpentane	<0.50	0.50									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Butanone (MEK)	<1.0	1.0									
2-Hexanone	<1.0	1.0									
2-Propanol	<2.0	2.0									
4-Ethyltoluene	<0.50	0.50									
4-Methyl-2-pentanone	<1.0	1.0									
Acetone	<5.0	5.0									
Allyl chloride	<0.50	0.50									
Benzene	<0.50	0.50									
Benzyl chloride	<2.0	2.0									
Bromodichloromethane	<0.50	0.50									
Bromoethene(Vinyl Bromide)	<0.50	0.50									
Bromoform	<0.50	0.50									
Bromomethane	<0.50	0.50									
Carbon disulfide	<0.50	0.50									
Carbon tetrachloride	<0.50	0.50									
Chlorobenzene	<0.50	0.50									
Chloroethane	<0.50	0.50									
Chloroform	<0.50	0.50									
Chloromethane	<0.50	0.50									
cis-1,2-Dichloroethene	<0.50	0.50									
cis-1,3-Dichloropropene	<0.50	0.50									
Cyclohexane	<0.50	0.50									
Dibromochloromethane	<0.50	0.50									
Dichlorodifluoromethane(F-12)	<0.50	0.50									
Dichlorotetrafluoroethane(F-114)	<0.50	0.50									
Ethyl Acetate	<0.50	0.50									
Ethylbenzene	<0.50	0.50									
Heptane	<0.50	0.50									
Hexachlorobutadiene	<1.0	1.0									

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **MB-R75442** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896796**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexane	<0.50	0.50									
m&p-Xylene	<1.0	1.0									
Methyl tert-butyl ether	<1.0	1.0									
Methylene chloride	<0.50	0.50									
o-Xylene	<0.50	0.50									
Propene (Propylene)	<0.50	0.50									
Styrene	<0.50	0.50									
Tetrachloroethene	<0.50	0.50									
Tetrahydrofuran	<2.0	2.0									
Toluene	<0.50	0.50									
trans-1,2-Dichloroethene	<0.50	0.50									
trans-1,3-Dichloropropene	<0.50	0.50									
Trichloroethene	<0.50	0.50									
Trichlorofluoromethane(F-11)	<0.50	0.50									
Trichlorotrifluoroethane(F-113)	<0.50	0.50									
Vinyl acetate	<0.50	0.50									
Vinyl chloride	<0.50	0.50									
Surr: 4-Bromofluorobenzene	9.650	0.50	10	0	96.5	70	130				

Sample ID **MB-R75511** SampType: **MBLK** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75511**
Client ID: Batch ID: **R75511** TestNo: **TO15** Analysis Date: **6/21/2006** SeqNo: **897595**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	<5.0	5.0									
Surr: 4-Bromofluorobenzene	9.670	0.50	10	0	96.7	70	130				

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

TestCode: TO15

Sample ID LCS-R75371 | SampType: LCS | TestCode: TO15 | Units: ppbv | Prep Date: | RunNo: 75371
Client ID: | Batch ID: R75371 | TestNo: TO15 | Analysis Date: 6/15/2006 | SeqNo: 896140

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	9.550	0.50	10	0	95.5	65	135				
1,1,2,2-Tetrachloroethane	11.00	0.50	10	0	110	65	135				
1,1,2-Trichloroethane	12.23	0.50	10	0	122	65	135				
1,1-Dichloroethane	9.990	0.50	10	0	99.9	65	135				
1,1-Dichloroethene	10.22	0.50	10	0	102	65	135				
1,2,4-Trichlorobenzene	10.65	2.0	10	0	106	65	135				
1,2,4-Trimethylbenzene	10.98	0.50	10	0	110	65	135				
1,2-Dibromoethane	12.71	0.50	10	0	127	65	135				
1,2-Dichlorobenzene	11.56	0.50	10	0	116	65	135				
1,2-Dichloroethane	10.70	0.50	10	0	107	65	135				
1,2-Dichloropropane	11.24	0.50	10	0	112	65	135				
1,3,5-Trimethylbenzene	10.75	0.50	10	0	108	65	135				
1,3-Butadiene	11.03	0.50	10	0	110	65	135				
1,3-Dichlorobenzene	11.56	0.50	10	0	116	65	135				
1,4-Dichlorobenzene	11.20	0.50	10	0	112	65	135				
1,4-Dioxane	9.950	5.0	10	0	99.5	65	135				
2,2,4-Trimethylpentane	11.30	0.50	10	0	113	65	135				
2-Butanone (MEK)	10.01	1.0	10	0	100	65	135				
2-Hexanone	9.970	1.0	10	0	99.7	65	135				
2-Propanol	8.610	2.0	10	0	86.1	65	135				
4-Ethyltoluene	10.74	0.50	10	0	107	65	135				
4-Methyl-2-pentanone	9.360	1.0	10	0	93.6	65	135				
Acetone	9.460	5.0	10	0	94.6	65	135				
Allyl chloride	10.24	0.50	10	0	102	65	135				
Benzene	10.24	0.50	10	0	102	65	135				
Benzyl chloride	8.470	2.0	10	0	84.7	65	135				
Bromodichloromethane	11.77	0.50	10	0	118	65	135				
Bromoethene(Vinyl Bromide)	10.93	0.50	10	0	109	65	135				
Bromoform	11.49	0.50	10	0	115	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75371** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896140**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	10.74	0.50	10	0	107	65	135				
Carbon disulfide	10.30	0.50	10	0	103	65	135				
Carbon tetrachloride	10.91	0.50	10	0	109	65	135				
Chlorobenzene	11.00	0.50	10	0	110	65	135				
Chloroethane	11.14	0.50	10	0	111	65	135				
Chloroform	9.730	0.50	10	0	97.3	65	135				
Chloromethane	11.35	0.50	10	0	114	65	135				
cis-1,2-Dichloroethene	10.69	0.50	10	0	107	65	135				
cis-1,3-Dichloropropene	11.98	0.50	10	0	120	65	135				
Cyclohexane	10.15	0.50	10	0	102	65	135				
Dibromochloromethane	12.56	0.50	10	0	126	65	135				
Dichlorodifluoromethane(F-12)	10.67	0.50	10	0	107	65	135				
Dichlorotetrafluoroethane(F-114)	10.95	0.50	10	0	110	65	135				
Ethyl Acetate	10.16	0.50	10	0	102	65	135				
Ethylbenzene	10.89	0.50	10	0	109	65	135				
Heptane	11.67	0.50	10	0	117	65	135				
Hexachlorobutadiene	13.52	1.0	10	0	135	65	135				L1
Hexane	9.880	0.50	10	0	98.8	65	135				
m&p-Xylene	21.81	1.0	20	0	109	65	135				
Methyl tert-butyl ether	9.060	1.0	10	0	90.6	65	135				
Methylene chloride	10.50	0.50	10	0	105	65	135				
o-Xylene	10.80	0.50	10	0	108	65	135				
Propene (Propylene)	10.43	0.50	10	0	104	65	135				
Styrene	11.06	0.50	10	0	111	65	135				
Tetrachloroethene	11.33	0.50	10	0	113	65	135				
Tetrahydrofuran	9.970	2.0	10	0	99.7	65	135				
Toluene	11.65	0.50	10	0	116	65	135				
trans-1,2-Dichloroethene	10.45	0.50	10	0	104	65	135				
trans-1,3-Dichloropropene	11.93	0.50	10	0	119	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

Main Laboratory: 4645 E. Cotton Center Boulevard, Building 3, Suite 189 Phoenix, AZ 85040 Phone: 602.437.3340 Toll Free: 866.772.5227 Fax. 623.445.6192 www.aeroenvirolabs.com
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CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75371** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896140**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	11.38	0.50	10	0	114	65	135				
Trichlorofluoromethane(F-11)	10.52	0.50	10	0	105	65	135				
Trichlorotrifluoroethane(F-113)	10.31	0.50	10	0	103	65	135				
Vinyl acetate	10.13	0.50	10	0	101	65	135				
Vinyl chloride	10.87	0.50	10	0	109	65	135				
Surr: 4-Bromofluorobenzene	9.880	0.50	10	0	98.8	70	130				

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	7.790	0.50	10	0	77.9	65	135				
1,1,2,2-Tetrachloroethane	8.040	0.50	10	0	80.4	65	135				
1,1,2-Trichloroethane	8.180	0.50	10	0	81.8	65	135				
1,1-Dichloroethane	8.090	0.50	10	0	80.9	65	135				
1,1-Dichloroethene	8.010	0.50	10	0	80.1	65	135				
1,2,4-Trichlorobenzene	7.470	2.0	10	0	74.7	65	135				
1,2,4-Trimethylbenzene	7.990	0.50	10	0	79.9	65	135				
1,2-Dibromoethane	8.170	0.50	10	0	81.7	65	135				
1,2-Dichlorobenzene	7.980	0.50	10	0	79.8	65	135				
1,2-Dichloroethane	7.620	0.50	10	0	76.2	65	135				
1,2-Dichloropropane	8.210	0.50	10	0	82.1	65	135				
1,3,5-Trimethylbenzene	8.010	0.50	10	0	80.1	65	135				
1,3-Butadiene	8.110	0.50	10	0	81.1	65	135				
1,3-Dichlorobenzene	7.970	0.50	10	0	79.7	65	135				
1,4-Dichlorobenzene	7.910	0.50	10	0	79.1	65	135				
1,4-Dioxane	6.110	5.0	10	0	61.1	65	135				N1
2,2,4-Trimethylpentane	8.120	0.50	10	0	81.2	65	135				
2-Butanone (MEK)	8.750	1.0	10	0	87.5	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	8.280	1.0	10	0	82.8	65	135				
2-Propanol	7.810	2.0	10	0	78.1	65	135				
4-Ethyltoluene	8.170	0.50	10	0	81.7	65	135				
4-Methyl-2-pentanone	8.470	1.0	10	0	84.7	65	135				
Acetone	7.810	5.0	10	0	78.1	65	135				
Allyl chloride	8.490	0.50	10	0	84.9	65	135				
Benzene	8.100	0.50	10	0	81.0	65	135				
Benzyl chloride	8.330	2.0	10	0	83.3	65	135				
Bromodichloromethane	7.890	0.50	10	0	78.9	65	135				
Bromoethene(Vinyl Bromide)	7.760	0.50	10	0	77.6	65	135				
Bromoform	7.630	0.50	10	0	76.3	65	135				
Bromomethane	8.190	0.50	10	0	81.9	65	135				
Carbon disulfide	8.200	0.50	10	0	82.0	65	135				
Carbon tetrachloride	7.610	0.50	10	0	76.1	65	135				
Chlorobenzene	8.090	0.50	10	0	80.9	65	135				
Chloroethane	8.190	0.50	10	0	81.9	65	135				
Chloroform	7.770	0.50	10	0	77.7	65	135				
Chloromethane	8.170	0.50	10	0	81.7	65	135				
cis-1,2-Dichloroethene	8.170	0.50	10	0	81.7	65	135				
cis-1,3-Dichloropropene	8.530	0.50	10	0	85.3	65	135				
Cyclohexane	8.260	0.50	10	0	82.6	65	135				
Dibromochloromethane	7.840	0.50	10	0	78.4	65	135				
Dichlorodifluoromethane(F-12)	7.600	0.50	10	0	76.0	65	135				
Dichlorotetrafluoroethane(F-114)	7.900	0.50	10	0	79.0	65	135				
Ethyl Acetate	8.600	0.50	10	0	86.0	65	135				
Ethylbenzene	8.210	0.50	10	0	82.1	65	135				
Heptane	7.690	0.50	10	0	76.9	65	135				
Hexachlorobutadiene	8.050	1.0	10	0	80.5	65	135				
Hexane	8.620	0.50	10	0	86.2	65	135				

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCS-R75442** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896808**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	16.04	1.0	20	0	80.2	65	135				
Methyl tert-butyl ether	8.900	1.0	10	0	89.0	65	135				
Methylene chloride	7.650	0.50	10	0	76.5	65	135				
o-Xylene	7.890	0.50	10	0	78.9	65	135				
Propene (Propylene)	8.270	0.50	10	0	82.7	65	135				
Styrene	8.210	0.50	10	0	82.1	65	135				
Tetrachloroethene	8.110	0.50	10	0	81.1	65	135				
Tetrahydrofuran	8.770	2.0	10	0	87.7	65	135				
Toluene	8.230	0.50	10	0	82.3	65	135				
trans-1,2-Dichloroethene	8.100	0.50	10	0	81.0	65	135				
trans-1,3-Dichloropropene	8.560	0.50	10	0	85.6	65	135				
Trichloroethene	8.430	0.50	10	0	84.3	65	135				
Trichlorofluoromethane(F-11)	7.300	0.50	10	0	73.0	65	135				
Trichlorotrifluoroethane(F-113)	7.940	0.50	10	0	79.4	65	135				
Vinyl acetate	8.720	0.50	10	0	87.2	65	135				
Vinyl chloride	8.310	0.50	10	0	83.1	65	135				
Surr: 4-Bromofluorobenzene	9.850	0.50	10	0	98.5	70	130				

Sample ID **LCS-R75511** SampType: **LCS** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75511**
Client ID: Batch ID: **R75511** TestNo: **TO15** Analysis Date: **6/21/2006** SeqNo: **897596**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	9.700	5.0	10	0	97.0	65	135				
Surr: 4-Bromofluorobenzene	9.700	0.50	10	0	97.0	70	130				

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	8.720	0.50	10	0	87.2	65	135	9.550	9.09	25	
1,1,2,2-Tetrachloroethane	10.43	0.50	10	0	104	65	135	11.00	5.32	25	
1,1,2-Trichloroethane	11.19	0.50	10	0	112	65	135	12.23	8.88	25	
1,1-Dichloroethane	9.090	0.50	10	0	90.9	65	135	9.990	9.43	25	
1,1-Dichloroethene	8.860	0.50	10	0	88.6	65	135	10.22	14.3	25	
1,2,4-Trichlorobenzene	9.810	2.0	10	0	98.1	65	135	10.65	8.21	25	
1,2,4-Trimethylbenzene	10.79	0.50	10	0	108	65	135	10.98	1.75	25	
1,2-Dibromoethane	11.54	0.50	10	0	115	65	135	12.71	9.65	25	
1,2-Dichlorobenzene	11.38	0.50	10	0	114	65	135	11.56	1.57	25	
1,2-Dichloroethane	9.790	0.50	10	0	97.9	65	135	10.70	8.88	25	
1,2-Dichloropropane	10.37	0.50	10	0	104	65	135	11.24	8.05	25	
1,3,5-Trimethylbenzene	10.24	0.50	10	0	102	65	135	10.75	4.86	25	
1,3-Butadiene	10.04	0.50	10	0	100	65	135	11.03	9.40	25	
1,3-Dichlorobenzene	11.24	0.50	10	0	112	65	135	11.56	2.81	25	
1,4-Dichlorobenzene	10.47	0.50	10	0	105	65	135	11.20	6.74	25	
1,4-Dioxane	14.23	5.0	10	0	142	65	135	9.950	35.4	25	L1R9
2,2,4-Trimethylpentane	10.31	0.50	10	0	103	65	135	11.30	9.16	25	
2-Butanone (MEK)	9.700	1.0	10	0	97.0	65	135	10.01	3.15	25	
2-Hexanone	14.97	1.0	10	0	150	65	135	9.970	40.1	25	L1R9
2-Propanol	8.930	2.0	10	0	89.3	65	135	8.610	3.65	25	
4-Ethyltoluene	10.22	0.50	10	0	102	65	135	10.74	4.96	25	
4-Methyl-2-pentanone	12.71	1.0	10	0	127	65	135	9.360	30.4	25	R7
Acetone	9.490	5.0	10	0	94.9	65	135	9.460	0.317	25	
Allyl chloride	9.290	0.50	10	0	92.9	65	135	10.24	9.73	25	
Benzene	9.060	0.50	10	0	90.6	65	135	10.24	12.2	25	
Benzyl chloride	8.460	2.0	10	0	84.6	65	135	8.470	0.118	25	
Bromodichloromethane	10.78	0.50	10	0	108	65	135	11.77	8.78	25	
Bromoethene(Vinyl Bromide)	9.790	0.50	10	0	97.9	65	135	10.93	11.0	25	
Bromoform	11.15	0.50	10	0	112	65	135	11.49	3.00	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromomethane	9.530	0.50	10	0	95.3	65	135	10.74	11.9	25	
Carbon disulfide	9.060	0.50	10	0	90.6	65	135	10.30	12.8	25	
Carbon tetrachloride	9.690	0.50	10	0	96.9	65	135	10.91	11.8	25	
Chlorobenzene	10.51	0.50	10	0	105	65	135	11.00	4.56	25	
Chloroethane	9.710	0.50	10	0	97.1	65	135	11.14	13.7	25	
Chloroform	8.790	0.50	10	0	87.9	65	135	9.730	10.2	25	
Chloromethane	9.860	0.50	10	0	98.6	65	135	11.35	14.0	25	
cis-1,2-Dichloroethene	9.420	0.50	10	0	94.2	65	135	10.69	12.6	25	
cis-1,3-Dichloropropene	11.29	0.50	10	0	113	65	135	11.98	5.93	25	
Cyclohexane	9.070	0.50	10	0	90.7	65	135	10.15	11.2	25	
Dibromochloromethane	11.71	0.50	10	0	117	65	135	12.56	7.00	25	
Dichlorodifluoromethane(F-12)	9.280	0.50	10	0	92.8	65	135	10.67	13.9	25	
Dichlorotetrafluoroethane(F-114)	9.600	0.50	10	0	96.0	65	135	10.95	13.1	25	
Ethyl Acetate	9.650	0.50	10	0	96.5	65	135	10.16	5.15	25	
Ethylbenzene	10.46	0.50	10	0	105	65	135	10.89	4.03	25	
Heptane	10.55	0.50	10	0	106	65	135	11.67	10.1	25	
Hexachlorobutadiene	12.05	1.0	10	0	120	65	135	13.52	11.5	25	
Hexane	8.860	0.50	10	0	88.6	65	135	9.880	10.9	25	
m&p-Xylene	21.00	1.0	20	0	105	65	135	21.81	3.78	25	
Methyl tert-butyl ether	8.540	1.0	10	0	85.4	65	135	9.060	5.91	25	
Methylene chloride	9.230	0.50	10	0	92.3	65	135	10.50	12.9	25	
o-Xylene	10.20	0.50	10	0	102	65	135	10.80	5.71	25	
Propene (Propylene)	9.120	0.50	10	0	91.2	65	135	10.43	13.4	25	
Styrene	10.56	0.50	10	0	106	65	135	11.06	4.63	25	
Tetrachloroethene	10.49	0.50	10	0	105	65	135	11.33	7.70	25	
Tetrahydrofuran	9.520	2.0	10	0	95.2	65	135	9.970	4.62	25	
Toluene	10.82	0.50	10	0	108	65	135	11.65	7.39	25	
trans-1,2-Dichloroethene	9.150	0.50	10	0	91.5	65	135	10.45	13.3	25	
trans-1,3-Dichloropropene	11.50	0.50	10	0	115	65	135	11.93	3.67	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

TestCode: TO15

Sample ID **LCSD-R75371** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75371**
Client ID: Batch ID: **R75371** TestNo: **TO15** Analysis Date: **6/15/2006** SeqNo: **896154**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichloroethene	10.34	0.50	10	0	103	65	135	11.38	9.58	25	
Trichlorofluoromethane(F-11)	9.330	0.50	10	0	93.3	65	135	10.52	12.0	25	
Trichlorotrifluoroethane(F-113)	9.070	0.50	10	0	90.7	65	135	10.31	12.8	25	
Vinyl acetate	10.08	0.50	10	0	101	65	135	10.13	0.495	25	
Vinyl chloride	9.480	0.50	10	0	94.8	65	135	10.87	13.7	25	
Surr: 4-Bromofluorobenzene	9.800	0.50	10	0	98.0	70	130	9.880	0	0	

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	7.850	0.50	10	0	78.5	65	135	7.790	0.767	25	
1,1,2,2-Tetrachloroethane	8.150	0.50	10	0	81.5	65	135	8.040	1.36	25	
1,1,2-Trichloroethane	8.270	0.50	10	0	82.7	65	135	8.180	1.09	25	
1,1-Dichloroethane	8.090	0.50	10	0	80.9	65	135	8.090	0	25	
1,1-Dichloroethene	8.080	0.50	10	0	80.8	65	135	8.010	0.870	25	
1,2,4-Trichlorobenzene	7.610	2.0	10	0	76.1	65	135	7.470	1.86	25	
1,2,4-Trimethylbenzene	8.100	0.50	10	0	81.0	65	135	7.990	1.37	25	
1,2-Dibromoethane	8.240	0.50	10	0	82.4	65	135	8.170	0.853	25	
1,2-Dichlorobenzene	8.190	0.50	10	0	81.9	65	135	7.980	2.60	25	
1,2-Dichloroethane	7.720	0.50	10	0	77.2	65	135	7.620	1.30	25	
1,2-Dichloropropane	8.290	0.50	10	0	82.9	65	135	8.210	0.970	25	
1,3,5-Trimethylbenzene	8.090	0.50	10	0	80.9	65	135	8.010	0.994	25	
1,3-Butadiene	8.290	0.50	10	0	82.9	65	135	8.110	2.20	25	
1,3-Dichlorobenzene	8.080	0.50	10	0	80.8	65	135	7.970	1.37	25	
1,4-Dichlorobenzene	8.130	0.50	10	0	81.3	65	135	7.910	2.74	25	
1,4-Dioxane	11.42	5.0	10	0	114	65	135	6.110	60.6	25	R9
2,2,4-Trimethylpentane	8.180	0.50	10	0	81.8	65	135	8.120	0.736	25	
2-Butanone (MEK)	8.770	1.0	10	0	87.7	65	135	8.750	0.228	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories

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ANALYTICAL QC SUMMARY REPORT

CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Hexanone	9.030	1.0	10	0	90.3	65	135	8.280	8.67	25	
2-Propanol	7.890	2.0	10	0	78.9	65	135	7.810	1.02	25	
4-Ethyltoluene	8.300	0.50	10	0	83.0	65	135	8.170	1.58	25	
4-Methyl-2-pentanone	8.980	1.0	10	0	89.8	65	135	8.470	5.85	25	
Acetone	7.940	5.0	10	0	79.4	65	135	7.810	1.65	25	
Allyl chloride	8.510	0.50	10	0	85.1	65	135	8.490	0.235	25	
Benzene	8.060	0.50	10	0	80.6	65	135	8.100	0.495	25	
Benzyl chloride	8.490	2.0	10	0	84.9	65	135	8.330	1.90	25	
Bromodichloromethane	7.940	0.50	10	0	79.4	65	135	7.890	0.632	25	
Bromoethene(Vinyl Bromide)	8.050	0.50	10	0	80.5	65	135	7.760	3.67	25	
Bromoform	7.730	0.50	10	0	77.3	65	135	7.630	1.30	25	
Bromomethane	8.250	0.50	10	0	82.5	65	135	8.190	0.730	25	
Carbon disulfide	8.190	0.50	10	0	81.9	65	135	8.200	0.122	25	
Carbon tetrachloride	7.650	0.50	10	0	76.5	65	135	7.610	0.524	25	
Chlorobenzene	8.200	0.50	10	0	82.0	65	135	8.090	1.35	25	
Chloroethane	8.270	0.50	10	0	82.7	65	135	8.190	0.972	25	
Chloroform	7.830	0.50	10	0	78.3	65	135	7.770	0.769	25	
Chloromethane	8.200	0.50	10	0	82.0	65	135	8.170	0.367	25	
cis-1,2-Dichloroethene	8.240	0.50	10	0	82.4	65	135	8.170	0.853	25	
cis-1,3-Dichloropropene	8.610	0.50	10	0	86.1	65	135	8.530	0.933	25	
Cyclohexane	8.320	0.50	10	0	83.2	65	135	8.260	0.724	25	
Dibromochloromethane	7.970	0.50	10	0	79.7	65	135	7.840	1.64	25	
Dichlorodifluoromethane(F-12)	7.710	0.50	10	0	77.1	65	135	7.600	1.44	25	
Dichlorotetrafluoroethane(F-114)	8.010	0.50	10	0	80.1	65	135	7.900	1.38	25	
Ethyl Acetate	8.730	0.50	10	0	87.3	65	135	8.600	1.50	25	
Ethylbenzene	8.270	0.50	10	0	82.7	65	135	8.210	0.728	25	
Heptane	7.790	0.50	10	0	77.9	65	135	7.690	1.29	25	
Hexachlorobutadiene	8.150	1.0	10	0	81.5	65	135	8.050	1.23	25	
Hexane	8.560	0.50	10	0	85.6	65	135	8.620	0.698	25	

Qualifiers:
E Value above quantitation range
ND Not Detected at the Reporting Limit
H Holding times for preparation or analysis exceeded
R RPD outside accepted recovery limits
J Analyte detected below quantitation limits
S Spike Recovery outside accepted recovery limits

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CLIENT: Geomatrix Consultants
Work Order: 06060410
Project: SRP 16th St Facility/10108 Task 3

ANALYTICAL QC SUMMARY REPORT

TestCode: TO15

Sample ID **LCSD-R75442** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75442**
Client ID: Batch ID: **R75442** TestNo: **TO15** Analysis Date: **6/17/2006** SeqNo: **896809**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
m&p-Xylene	16.10	1.0	20	0	80.5	65	135	16.04	0.373	25	
Methyl tert-butyl ether	8.960	1.0	10	0	89.6	65	135	8.900	0.672	25	
Methylene chloride	7.740	0.50	10	0	77.4	65	135	7.650	1.17	25	
o-Xylene	8.030	0.50	10	0	80.3	65	135	7.890	1.76	25	
Propene (Propylene)	8.350	0.50	10	0	83.5	65	135	8.270	0.963	25	
Styrene	8.310	0.50	10	0	83.1	65	135	8.210	1.21	25	
Tetrachloroethene	8.190	0.50	10	0	81.9	65	135	8.110	0.982	25	
Tetrahydrofuran	8.930	2.0	10	0	89.3	65	135	8.770	1.81	25	
Toluene	8.280	0.50	10	0	82.8	65	135	8.230	0.606	25	
trans-1,2-Dichloroethene	8.110	0.50	10	0	81.1	65	135	8.100	0.123	25	
trans-1,3-Dichloropropene	8.630	0.50	10	0	86.3	65	135	8.560	0.814	25	
Trichloroethene	8.510	0.50	10	0	85.1	65	135	8.430	0.945	25	
Trichlorofluoromethane(F-11)	7.390	0.50	10	0	73.9	65	135	7.300	1.23	25	
Trichlorotrifluoroethane(F-113)	7.980	0.50	10	0	79.8	65	135	7.940	0.503	25	
Vinyl acetate	8.820	0.50	10	0	88.2	65	135	8.720	1.14	25	
Vinyl chloride	8.480	0.50	10	0	84.8	65	135	8.310	2.03	25	
Surr: 4-Bromofluorobenzene	9.900	0.50	10	0	99.0	70	130	9.850	0	0	

Sample ID **LCSD-R7551** SampType: **LCSD** TestCode: **TO15** Units: **ppbv** Prep Date: RunNo: **75511**
Client ID: Batch ID: **R75511** TestNo: **TO15** Analysis Date: **6/21/2006** SeqNo: **897597**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Acetone	10.51	5.0	10	0	105	65	135	9.700	8.02	25	
Surr: 4-Bromofluorobenzene	9.990	0.50	10	0	99.9	70	130	9.700	0	0	

Qualifiers:
- E Value above quantitation range
- ND Not Detected at the Reporting Limit
- H Holding times for preparation or analysis exceeded
- R RPD outside accepted recovery limits
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

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Aerotech Environmental Laboratories Sample Receipt Checklist

Project Checked By:_____

06-06-0410

Laboratory Number: Geomatrix	Checklist completed by: James Gravlin
Client Name: Geomatrix Cons. Inc.	Signature/Date 6/12/06
Matrix: Air / Carrier Name: Client	Date/Time Rec'd: 6/12/06 16:12 By: J.G.

Temperature of Samples? Amb. °C *Circle one:* Blue Ice Wet Ice (Not Present)

	Yes	No*	Not Present
Shipping container/cooler in good condition?	✓		
Custody seals intact on shipping container/cooler?			✓
Custody seals intact on sample containers?			✓
Chain of Custody present and relinquished/received properly?	✓		
Chain of Custody agrees with sample labels?	✓		
Samples in proper containers/bottles?	✓		
Sample containers intact?	✓		
All samples received within holding time?	✓		
Is there sufficient sample volume to perform the tests?	✓		
40mL vials for volatiles & SOCs received with zero headspace?			✓

Soil Containers:
Brass Sleeve_____
Glass Jar_____
Methanol_____
Plastic Bag_____
Encore Samplers_____

**See Comment about Chlorine and pH

Total number of bottles received: 13	IH sample media: 1L mini Cannister
If applicable, how many sample bottles were shipped from AEL-Tucson?	N/A ✓

Number of containers received by preservative and by sample number: (If more than 15 samples are rec'd, please continue on separate sheet(s))

Preservative	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A-General	1	1	1	1	1	1	1	1	1	1	1	1	1		
B-HNO3															
C-H2SO4															
D-HCl															
E-Na2S2O3															
F-NaOH															
G-Sulfide															
H-Na Sulfite															
I-MCAA															
J-Methanol															
K-HAA															
L-Other															

Water-pH acceptable upon receipt? Yes No N/A ✓

Preservative & pH		pH of samples upon receipt	If pH requires adjustment, list sample number, and reagent ID. number
Metals	<2		
Nutrients	<2		
Total Phenols	<2		
413 (O&G)	<2		
418 (TPH)	<2		
Cyanide	>12		
Sulfide	>9		

Any No response must be detailed in the comments section below. Contact the PM immediately to determine how to proceed. Refer to SOP 11-001.04, Section 1.8.6. Continue on back if additional space is needed.

*****The holding time for pH and Total Residual Chlorine analysis is immediate. For the most accurate result, the pH and Total Residual Chlorine should be taken in the field within 15 minutes of sampling.***

Comments:

Corrective Action:

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[ ] North Phoenix - 1501 W. Knudsen, Phoenix, AZ 85027 623.780.4800 - FAX 623.445.6216

[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803

www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 06-06-240

Customer Number:	Page 1 of 1
Customer: Geomatrix Consultants Inc	Sampler: Andrew Marshall
Address: 2077 E. Via De Ventura #336	Project Name: GPP 16th St Facility
City, State, Zip: Scottsdale AZ 85258	Project Number: 101108 Task 3
Contact: Laura Lara-Pinero	P.O. Number: 101108 Task 3
Phone: (480) 396-1244 Fax: (480) 242-1245	Fax Results: (Y) N
E-Mail Address: llara@geomatrix.com	E-Mail Results: (Y) N

Sample Receipt

Temperature _____ °C

Custody Seals: Yes _____ No _____

Custody Seals Intact: Yes _____ No N/A

Total # of Containers: 3

Turn Around Request

_____ 24 Hours _____ 48 Hours

_____ 72 Hours

_____ 5 working Day

X Standard 10 Working Days

Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15	Manganese TO-15 Target Range					
1	00022	6, (1) 0.4	AS6-25-5.0	6/12/06	0854	Air				X		NM					
2	00197	6, (1) 0.4	AS6-25-15.0	6/12/06	0900	Air				X		0.3	ppm				
3	00608	6, (1) 0.4	AS6-26-5.0	6/12/06	0947	Air				X		1.0	ppm				
4	01323	6, (1) 0.4	AS6-26-15.0	6/12/06	1012	Air				X		2.4	ppm				
5	01740	6, (1) 0.4	AS6-24-5.0	6/12/06	1107	Air				X		2.1	ppm				
6	00276	6, (1) 0.4	DUP-01	6/12/06	1157	Air				X		—					
7	01236	6, (1) 0.4	AS6-24-15.0	6/12/06	1238	Air				X		0.5	ppm				
8	00616	6, (1) 0.4	AS6-19-5.0	6/12/06	1315	Air				X		NM					
9	01300	6, (1) 0.4	AS6-19-15.0	6/12/06	1382	Air				X		0.4	ppm				
10	00304	6, (1) 0.4	Ambient-01	6/12/06	1407	Air				X		—					

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
6/12/06	1412		

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

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[ ] Tucson - 4455 S. Park Ave, Suite 110, Tucson, AZ 85714 520.807.3801 - FAX 520.807.3803
www.aeroenvirolabs.com or call toll-free 866.772.5227

Lab Number: 06 06 0410

Customer Number:	Page 2 of 2
Customer: GEOMATRIX CONSULTANTS INC	Sampler: ANDREW MACHIGH
Address: 8779 E VIA DE VENTURA #396	Project Name: 10108 TASK 3
City, State, Zip: SCOTTSDALE, AZ 85258	Project Number: 10108 TASK 3
Contact: LAURIE LAPAT-POLASKO	P.O. Number:
Phone: (480) 348-1244 Fax: (480) 348-1245	Fax Results: (Y) N
E-Mail Address: llapat@geomatrix.com	E-Mail Results: (Y) N

Sample Receipt

Temperature Amb °C
Custody Seals: Yes ____ No X
Custody Seals Intact: Yes ____ No N/A
Total # of Containers: 13

Turn Around Request

____ 24 Hours ____ 48 Hours
____ 72 Hours
____ 5 working Day
X Standard 10 Working Days
Subject to scheduling and availability (surcharges apply)

Analyses Requested

Sample Information

Lab #	Canister Serial #	Model	Sample Identification	Date	Time	Type	Final	Receipt	TO-14 List of TO-15	TO-15 list	PCE Only by TO-15		MAXIMUM PID DURING PURGE				
11	00307	6, 1, 0.4	ASG-23-5.0	6/12/06	1434	AIR				X			0.6 ppm				
12	00255	6, 1, 0.4	ASG-23-15.0	6/12/06	1458	AIR				X			0.7 ppm				
13	00606	6, 1, 0.4	EB-01	6/12/06	1544	AIR				X							
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															
		6, 1, 0.4															

Instructions / Special Requirements:

Date:	Time:	Samples Relinquished By:	Received By:
6/12/06	1612	[signature]	[signature]

Analysis performed is subject to the Terms & Conditions available at www.aeroenvirolabs.com or call 866.772.5227 to request a copy.

APPENDIX J.3

April 2007 Soil Vapor Monitor Well Data

Leak Check Cmdp.

SVMW2-2 70,000 µg/m³.

TRANSWEST GEOCHEM

SVMW1-3 20,000 µg/m³.

May 16, 2007

SVMW1-4 "

Stephanie Koehne
Geomatrix
8777 E. Via de Ventura
Suite 396
Scottsdale, AZ 85258

SVMW 2-3 10,000 µg/m³. – No action

SVMW 2-4 9,000 – No action

Re: SRP's 16th Street Facility/10108.00
Work Order No.: 0704502

Dear Stephanie,

Attached is the original Report of Analysis from Columbia Analytical Services, Inc. (AZ0550) for the samples received on 4/19/07. The following analysis was performed:

Volatile Organic Compounds in Air

If you have any questions regarding the results, please call me. We appreciate your business and thank you for choosing Transwest Geochem.

Sincerely,

Carlene McCutcheon

Carlene McCutcheon
Project Manager

Blanks (AB + EB).

AB041007

ADHS License No. AZM133/AZ0133

3725 E. Atlanta Avenue • Phoenix, Arizona 85040 • (602) 437-0330 • (800) 927-5183 • Fax (602) 437-0660
3860 S. Palo Verde Rd. • Suite 301 • Tucson, Arizona 85714 • (520) 573-1061 • Fax (520) 573-1063

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

May 7, 2007

Ms. Carlene McCutcheon
Transwest Geochem, Inc.
3725 East Atlanta Avenue, Suite 2
Phoenix, AZ 85040

RE: P2701127
SRP's 16th Street Facility/10108.00

Dear Ms. McCutcheon:

Enclosed are the results of the sample(s) submitted to our laboratory on April 20, 2007.
For your reference, these analyses have been assigned our service request number P2701127.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 57 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0550; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161, extension 234.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera

Kate Aguilera
Project Manager

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	TRANSWEST GEOCHEM, INC.	Date of Report:	05/07/07
Address:	3725 East Atlanta Avenue, Suite 2	Date Received:	04/20/07
	Phoenix, AZ 85040	CAS Project No:	P2701127
Contact:	Ms. Carlene McCutcheon	Purchase Order:	Verbal
Client Project ID:	SRP's 16th Street Facility/10108.00	Arizona License No.:	AZ0694

Eleven (11) Stainless Steel Summa Canisters labeled:

"SVMW1-1" "SVMW2-1" "DUP-01" "SVMW1-2" "SVMW2-2" "SVMW1-3"
"SVMW1-4" "SVMW2-3" "SVMW2-4" "AB041807" "EB041807"

The samples were received at the laboratory under chain of custody on April 20, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds and tentatively identified compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical system used was comprised of an Agilent Model 5973inert GC/MS/DS interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00351

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 10.2

Can D.F. = 2.02

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	10	ND	5.9	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	10	ND	2.0	
74-87-3	Chloromethane	**15**	10	**7.4**	4.9	M
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	10	ND	1.4	
75-01-4	Vinyl Chloride	ND	10	ND	4.0	
106-99-0	1,3-Butadiene	ND	10	ND	4.6	
74-83-9	Bromomethane	ND	10	ND	2.6	
75-00-3	Chloroethane	ND	10	ND	3.8	
67-64-1	Acetone	ND	100	ND	43	
75-69-4	Trichlorofluoromethane	**12**	10	**2.2**	1.8	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	10	ND	4.1	
75-35-4	1,1-Dichloroethene	ND	10	ND	2.5	
75-09-2	Methylene chloride	ND	10	ND	2.9	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	10	ND	3.2	
76-13-1	Trichlorotrifluoroethane	ND	10	ND	1.3	
75-15-0	Carbon Disulfide	**290**	10	**94**	3.2	
156-60-5	trans-1,2-Dichloroethene	ND	10	ND	2.5	
75-34-3	1,1-Dichloroethane	ND	10	ND	2.5	
1634-04-4	Methyl tert-Butyl Ether	ND	10	ND	2.8	
108-05-4	Vinyl Acetate	ND	20	ND	5.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: R.G. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00351

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 10.2

Can D.F. = 2.02

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	20	ND	6.9	
156-59-2	cis-1,2-Dichloroethene	ND	10	ND	2.5	
141-78-6	Ethyl Acetate	ND	10	ND	2.8	
110-54-3	n-Hexane	ND	10	ND	2.9	
67-66-3	Chloroform	**200**	10	**41**	2.1	
109-99-9	Tetrahydrofuran (THF)	ND	10	ND	3.4	
107-06-2	1,2-Dichloroethane	ND	10	ND	2.5	
71-55-6	1,1,1-Trichloroethane	ND	10	ND	1.9	
71-43-2	Benzene	ND	10	ND	3.2	
56-23-5	Carbon Tetrachloride	ND	10	ND	1.6	
110-82-7	Cyclohexane	ND	10	ND	2.9	
78-87-5	1,2-Dichloropropane	ND	10	ND	2.2	
75-27-4	Bromodichloromethane	ND	10	ND	1.5	
79-01-6	Trichloroethene	**14**	10	**2.5**	1.9	
123-91-1	1,4-Dioxane	ND	10	ND	2.8	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	10	ND	2.2	
142-82-5	n-Heptane	ND	10	ND	2.5	
10061-01-5	cis-1,3-Dichloropropene	ND	10	ND	2.2	
108-10-1	4-Methyl-2-pentanone	ND	10	ND	2.5	
10061-02-6	trans-1,3-Dichloropropene	ND	10	ND	2.2	
79-00-5	1,1,2-Trichloroethane	ND	10	ND	1.9	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00351

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 10.2

Can D.F. = 2.02

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	15	10	4.1	2.7	
591-78-6	2-Hexanone	ND	10	ND	2.5	
124-48-1	Dibromochloromethane	ND	10	ND	1.2	
106-93-4	1,2-Dibromoethane	ND	10	ND	1.3	
127-18-4	Tetrachloroethene	1,900	10	280	1.5	
108-90-7	Chlorobenzene	ND	10	ND	2.2	
100-41-4	Ethylbenzene	ND	10	ND	2.3	
179601-23-1	*m,p* -Xylenes	ND	20	ND	4.7	
75-25-2	Bromoform	ND	10	ND	0.98	
100-42-5	Styrene	ND	10	ND	2.4	
95-47-6	o-Xylene	ND	10	ND	2.3	
79-34-5	1,1,2,2-Tetrachloroethane	ND	10	ND	1.5	
622-96-8	4-Ethyltoluene	ND	10	ND	2.1	
108-67-8	1,3,5-Trimethylbenzene	ND	10	ND	2.1	
95-63-6	1,2,4-Trimethylbenzene	ND	10	ND	2.1	
100-44-7	Benzyl Chloride	ND	10	ND	2.0	
541-73-1	1,3-Dichlorobenzene	ND	10	ND	1.7	
106-46-7	1,4-Dichlorobenzene	16	10	2.7	1.7	
95-50-1	1,2-Dichlorobenzene	ND	10	ND	1.7	
120-82-1	1,2,4-Trichlorobenzene	ND	10	ND	1.4	
87-68-3	Hexachlorobutadiene	ND	10	ND	0.95	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-001

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00351

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.4 Pf 1 = 10.2
Can D.F. = 2.02

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.54	1,1-Difluoroethane	100 u	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: Ku Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00034

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.6

Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	13	ND	7.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	13	ND	2.6	
74-87-3	Chloromethane	ND	13	ND	6.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	13	ND	1.8	
75-01-4	Vinyl Chloride	ND	13	ND	5.0	
106-99-0	1,3-Butadiene	ND	13	ND	5.7	
74-83-9	Bromomethane	ND	13	ND	3.3	
75-00-3	Chloroethane	ND	13	ND	4.8	
67-64-1	Acetone	ND	130	ND	53	
75-69-4	Trichlorofluoromethane	ND	13	ND	2.3	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	13	ND	5.2	
75-35-4	1,1-Dichloroethene	ND	13	ND	3.2	
75-09-2	Methylene chloride	ND	13	ND	3.6	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	13	ND	4.0	
76-13-1	Trichlorotrifluoroethane	ND	13	ND	1.7	
75-15-0	Carbon Disulfide	**31**	13	**9.8**	4.1	
156-60-5	trans-1,2-Dichloroethene	ND	13	ND	3.2	
75-34-3	1,1-Dichloroethane	ND	13	ND	3.1	
1634-04-4	Methyl tert-Butyl Ether	ND	13	ND	3.5	
108-05-4	Vinyl Acetate	ND	25	ND	7.2	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00034

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.6

Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	25	ND	8.6	
156-59-2	cis-1,2-Dichloroethene	ND	13	ND	3.2	
141-78-6	Ethyl Acetate	ND	13	ND	3.5	
110-54-3	n-Hexane	ND	13	ND	3.6	
67-66-3	Chloroform	ND	13	ND	2.6	
109-99-9	Tetrahydrofuran (THF)	ND	13	ND	4.3	
107-06-2	1,2-Dichloroethane	ND	13	ND	3.1	
71-55-6	1,1,1-Trichloroethane	ND	13	ND	2.3	
71-43-2	Benzene	ND	13	ND	4.0	
56-23-5	Carbon Tetrachloride	ND	13	ND	2.0	
110-82-7	Cyclohexane	ND	13	ND	3.7	
78-87-5	1,2-Dichloropropane	ND	13	ND	2.7	
75-27-4	Bromodichloromethane	ND	13	ND	1.9	
79-01-6	Trichloroethene	ND	13	ND	2.4	
123-91-1	1,4-Dioxane	ND	13	ND	3.5	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	13	ND	2.7	
142-82-5	n-Heptane	ND	13	ND	3.1	
10061-01-5	cis-1,3-Dichloropropene	ND	13	ND	2.8	
108-10-1	4-Methyl-2-pentanone	ND	13	ND	3.1	
10061-02-6	trans-1,3-Dichloropropene	ND	13	ND	2.8	
79-00-5	1,1,2-Trichloroethane	ND	13	ND	2.3	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00034

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.6
Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	13	ND	3.4	
591-78-6	2-Hexanone	ND	13	ND	3.1	
124-48-1	Dibromochloromethane	ND	13	ND	1.5	
106-93-4	1,2-Dibromoethane	ND	13	ND	1.6	
127-18-4	Tetrachloroethene	**1,700**	13	**260**	1.9	
108-90-7	Chlorobenzene	ND	13	ND	2.8	
100-41-4	Ethylbenzene	ND	13	ND	2.9	
179601-23-1	*m,p* -Xylenes	ND	25	ND	5.8	
75-25-2	Bromoform	ND	13	ND	1.2	
100-42-5	Styrene	ND	13	ND	3.0	
95-47-6	o-Xylene	ND	13	ND	2.9	
79-34-5	1,1,2,2-Tetrachloroethane	ND	13	ND	1.8	
622-96-8	4-Ethyltoluene	ND	13	ND	2.6	
108-67-8	1,3,5-Trimethylbenzene	ND	13	ND	2.6	
95-63-6	1,2,4-Trimethylbenzene	ND	13	ND	2.6	
100-44-7	Benzyl Chloride	ND	13	ND	2.4	
541-73-1	1,3-Dichlorobenzene	ND	13	ND	2.1	
106-46-7	1,4-Dichlorobenzene	ND	13	ND	2.1	
95-50-1	1,2-Dichlorobenzene	ND	13	ND	2.1	
120-82-1	1,2,4-Trichlorobenzene	ND	13	ND	1.7	
87-68-3	Hexachlorobutadiene	ND	13	ND	1.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-002

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00034

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.6
Can D.F. = 1.90

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.54	1,1-Difluoroethane	300	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: RG Date: 5/7/07

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00226

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.5 Pf 1 = 11.4

Can D.F. = 1.98

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	13	ND	7.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	13	ND	2.7	
74-87-3	Chloromethane	ND	13	ND	6.4	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	13	ND	1.9	
75-01-4	Vinyl Chloride	ND	13	ND	5.2	
106-99-0	1,3-Butadiene	ND	13	ND	6.0	
74-83-9	Bromomethane	ND	13	ND	3.4	
75-00-3	Chloroethane	ND	13	ND	5.0	
67-64-1	Acetone	ND	130	ND	56	
75-69-4	Trichlorofluoromethane	ND	13	ND	2.3	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	13	ND	5.4	
75-35-4	1,1-Dichloroethene	ND	13	ND	3.3	
75-09-2	Methylene chloride	ND	13	ND	3.8	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	13	ND	4.2	
76-13-1	Trichlorotrifluoroethane	ND	13	ND	1.7	
75-15-0	Carbon Disulfide	**37**	13	**12**	4.2	
156-60-5	trans-1,2-Dichloroethene	ND	13	ND	3.3	
75-34-3	1,1-Dichloroethane	ND	13	ND	3.3	
1634-04-4	Methyl tert-Butyl Ether	ND	13	ND	3.7	
108-05-4	Vinyl Acetate	ND	26	ND	7.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RCG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00226

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.5 Pf 1 = 11.4

Can D.F. = 1.98

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	26	ND	9.0	
156-59-2	cis-1,2-Dichloroethene	ND	13	ND	3.3	
141-78-6	Ethyl Acetate	ND	13	ND	3.7	
110-54-3	n-Hexane	ND	13	ND	3.7	
67-66-3	Chloroform	ND	13	ND	2.7	
109-99-9	Tetrahydrofuran (THF)	ND	13	ND	4.5	
107-06-2	1,2-Dichloroethane	ND	13	ND	3.3	
71-55-6	1,1,1-Trichloroethane	ND	13	ND	2.4	
71-43-2	Benzene	ND	13	ND	4.1	
56-23-5	Carbon Tetrachloride	ND	13	ND	2.1	
110-82-7	Cyclohexane	ND	13	ND	3.8	
78-87-5	1,2-Dichloropropane	ND	13	ND	2.9	
75-27-4	Bromodichloromethane	ND	13	ND	2.0	
79-01-6	Trichloroethene	ND	13	ND	2.5	
123-91-1	1,4-Dioxane	ND	13	ND	3.7	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	13	ND	2.8	
142-82-5	n-Heptane	ND	13	ND	3.2	
10061-01-5	cis-1,3-Dichloropropene	ND	13	ND	2.9	
108-10-1	4-Methyl-2-pentanone	ND	13	ND	3.2	
10061-02-6	trans-1,3-Dichloropropene	ND	13	ND	2.9	
79-00-5	1,1,2-Trichloroethane	ND	13	ND	2.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rw Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00226

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.5 Pf 1 = 11.4
Can D.F. = 1.98

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	13	ND	3.5	
591-78-6	2-Hexanone	ND	13	ND	3.2	
124-48-1	Dibromochloromethane	ND	13	ND	1.6	
106-93-4	1,2-Dibromoethane	ND	13	ND	1.7	
127-18-4	Tetrachloroethene	**1,900**	13	**280**	1.9	
108-90-7	Chlorobenzene	ND	13	ND	2.9	
100-41-4	Ethylbenzene	ND	13	ND	3.0	
179601-23-1	*m,p* -Xylenes	ND	26	ND	6.1	
75-25-2	Bromoform	ND	13	ND	1.3	
100-42-5	Styrene	ND	13	ND	3.1	
95-47-6	o-Xylene	ND	13	ND	3.0	
79-34-5	1,1,2,2-Tetrachloroethane	ND	13	ND	1.9	
622-96-8	4-Ethyltoluene	ND	13	ND	2.7	
108-67-8	1,3,5-Trimethylbenzene	ND	13	ND	2.7	
95-63-6	1,2,4-Trimethylbenzene	ND	13	ND	2.7	
100-44-7	Benzyl Chloride	ND	13	ND	2.6	
541-73-1	1,3-Dichlorobenzene	ND	13	ND	2.2	
106-46-7	1,4-Dichlorobenzene	ND	13	ND	2.2	
95-50-1	1,2-Dichlorobenzene	ND	13	ND	2.2	
120-82-1	1,2,4-Trichlorobenzene	ND	13	ND	1.8	
87-68-3	Hexachlorobutadiene	ND	13	ND	1.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-003

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00226

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.075 Liter(s)

Pi 1 = -1.5 Pf 1 = 11.4
Can D.F. = 1.98

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.54	1,1-Difluoroethane	200 U	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: RL Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00176

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.5 Pf 1 = 10.4
Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	9.5	ND	5.5	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	9.5	ND	1.9	
74-87-3	Chloromethane	ND	9.5	ND	4.6	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	9.5	ND	1.4	
75-01-4	Vinyl Chloride	ND	9.5	ND	3.7	
106-99-0	1,3-Butadiene	ND	9.5	ND	4.3	
74-83-9	Bromomethane	ND	9.5	ND	2.4	
75-00-3	Chloroethane	ND	9.5	ND	3.6	
67-64-1	Acetone	ND	95	ND	40	
75-69-4	Trichlorofluoromethane	**13**	9.5	**2.3**	1.7	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	9.5	ND	3.9	
75-35-4	1,1-Dichloroethene	ND	9.5	ND	2.4	
75-09-2	Methylene chloride	ND	9.5	ND	2.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	9.5	ND	3.0	
76-13-1	Trichlorotrifluoroethane	ND	9.5	ND	1.2	
75-15-0	Carbon Disulfide	**130**	9.5	**42**	3.1	
156-60-5	trans-1,2-Dichloroethene	ND	9.5	ND	2.4	
75-34-3	1,1-Dichloroethane	ND	9.5	ND	2.3	
1634-04-4	Methyl tert-Butyl Ether	ND	9.5	ND	2.6	
108-05-4	Vinyl Acetate	ND	19	ND	5.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00176

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.5 Pf 1 = 10.4
Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	19	ND	6.4	
156-59-2	cis-1,2-Dichloroethene	ND	9.5	ND	2.4	
141-78-6	Ethyl Acetate	ND	9.5	ND	2.6	
110-54-3	n-Hexane	ND	9.5	ND	2.7	
67-66-3	Chloroform	**540**	9.5	**110**	1.9	
109-99-9	Tetrahydrofuran (THF)	ND	9.5	ND	3.2	
107-06-2	1,2-Dichloroethane	ND	9.5	ND	2.3	
71-55-6	1,1,1-Trichloroethane	ND	9.5	ND	1.7	
71-43-2	Benzene	ND	9.5	ND	3.0	
56-23-5	Carbon Tetrachloride	ND	9.5	ND	1.5	
110-82-7	Cyclohexane	ND	9.5	ND	2.8	
78-87-5	1,2-Dichloropropane	ND	9.5	ND	2.1	
75-27-4	Bromodichloromethane	ND	9.5	ND	1.4	
79-01-6	Trichloroethene	**61**	9.5	**11**	1.8	
123-91-1	1,4-Dioxane	ND	9.5	ND	2.6	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	9.5	ND	2.0	
142-82-5	n-Heptane	ND	9.5	ND	2.3	
10061-01-5	cis-1,3-Dichloropropene	ND	9.5	ND	2.1	
108-10-1	4-Methyl-2-pentanone	ND	9.5	ND	2.3	
10061-02-6	trans-1,3-Dichloropropene	ND	9.5	ND	2.1	
79-00-5	1,1,2-Trichloroethane	ND	9.5	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00176

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.5 Pf 1 = 10.4

Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	9.5	ND	2.5	
591-78-6	2-Hexanone	ND	9.5	ND	2.3	
124-48-1	Dibromochloromethane	ND	9.5	ND	1.1	
106-93-4	1,2-Dibromoethane	ND	9.5	ND	1.2	
127-18-4	Tetrachloroethene	940	9.5	140	1.4	
108-90-7	Chlorobenzene	ND	9.5	ND	2.1	
100-41-4	Ethylbenzene	ND	9.5	ND	2.2	
179601-23-1	*m,p*-Xylenes	ND	19	ND	4.4	
75-25-2	Bromoform	ND	9.5	ND	0.92	
100-42-5	Styrene	ND	9.5	ND	2.2	
95-47-6	o-Xylene	ND	9.5	ND	2.2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.5	ND	1.4	
622-96-8	4-Ethyltoluene	ND	9.5	ND	1.9	
108-67-8	1,3,5-Trimethylbenzene	ND	9.5	ND	1.9	
95-63-6	1,2,4-Trimethylbenzene	ND	9.5	ND	1.9	
100-44-7	Benzyl Chloride	ND	9.5	ND	1.8	
541-73-1	1,3-Dichlorobenzene	ND	9.5	ND	1.6	
106-46-7	1,4-Dichlorobenzene	<9.5 U	9.5	<1.6 U	1.6	
95-50-1	1,2-Dichlorobenzene	ND	9.5	ND	1.6	
120-82-1	1,2,4-Trichlorobenzene	ND	9.5	ND	1.3	
87-68-3	Hexachlorobutadiene	ND	9.5	ND	0.89	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 5/2/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-004

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00176

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.5 Pf 1 = 10.4
Can D.F. = 1.90

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.53	1,1-Difluoroethane	< 70	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00095

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.8 Pf 1 = 10.5
Can D.F. = 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	UJ ND	8.1	ND	4.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	8.1	ND	1.6	
74-87-3	Chloromethane	ND	8.1	ND	3.9	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	8.1	ND	1.2	
75-01-4	Vinyl Chloride	ND	8.1	ND	3.2	
106-99-0	1,3-Butadiene	ND	8.1	ND	3.7	
74-83-9	Bromomethane	ND	8.1	ND	2.1	
75-00-3	Chloroethane	ND	8.1	ND	3.1	
67-64-1	Acetone	ND	81	ND	34	
75-69-4	Trichlorofluoromethane	**10** J	8.1	**1.8**	1.4	
67-63-0	2-Propanol (Isopropyl Alcohol)	UJ ND	8.1	ND	3.3	
75-35-4	1,1-Dichloroethene	ND	8.1	ND	2.1	
75-09-2	Methylene chloride	ND	8.1	ND	2.3	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	8.1	ND	2.6	
76-13-1	Trichlorotrifluoroethane	**8.8** J	8.1	**1.1**	1.1	
75-15-0	Carbon Disulfide	**22** J	8.1	**7.0**	2.6	
156-60-5	trans-1,2-Dichloroethene	UJ ND	8.1	ND	2.1	
75-34-3	1,1-Dichloroethane	ND	8.1	ND	2.0	
1634-04-4	Methyl tert-Butyl Ether	ND	8.1	ND	2.3	
108-05-4	Vinyl Acetate	< 17 UN	16	< 5.0 UN	4.6	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

01127VOA.REI - Sample (5)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00095

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.8 Pf 1 = 10.5

Can D.F. = 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	16	ND	5.5	
156-59-2	cis-1,2-Dichloroethene	ND	8.1	ND	2.1	
141-78-6	Ethyl Acetate	ND	8.1	ND	2.3	
110-54-3	n-Hexane	ND	8.1	ND	2.3	
67-66-3	Chloroform	ND	8.1	ND	1.7	
109-99-9	Tetrahydrofuran (THF)	ND	8.1	ND	2.8	
107-06-2	1,2-Dichloroethane	ND	8.1	ND	2.0	
71-55-6	1,1,1-Trichloroethane	ND	8.1	ND	1.5	
71-43-2	Benzene	ND	8.1	ND	2.5	
56-23-5	Carbon Tetrachloride	ND	8.1	ND	1.3	
110-82-7	Cyclohexane	ND	8.1	ND	2.4	
78-87-5	1,2-Dichloropropane	ND	8.1	ND	1.8	
75-27-4	Bromodichloromethane	ND	8.1	ND	1.2	
79-01-6	Trichloroethene	ND	8.1	ND	1.5	
123-91-1	1,4-Dioxane	ND	8.1	ND	2.3	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	8.1	ND	1.7	
142-82-5	n-Heptane	ND	8.1	ND	2.0	
10061-01-5	cis-1,3-Dichloropropene	ND	8.1	ND	1.8	
108-10-1	4-Methyl-2-pentanone	ND	8.1	ND	2.0	
10061-02-6	trans-1,3-Dichloropropene	ND	8.1	ND	1.8	
79-00-5	1,1,2-Trichloroethane	ND	8.1	ND	1.5	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.L. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00095

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.8 Pf 1 = 10.5
Can D.F. = 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	U5 ND	8.1	ND	2.2	
591-78-6	2-Hexanone	ND	8.1	ND	2.0	
124-48-1	Dibromochloromethane	ND	8.1	ND	0.95	
106-93-4	1,2-Dibromoethane	ND	8.1	ND	1.1	
127-18-4	Tetrachloroethene	930	8.1	140	1.2	
108-90-7	Chlorobenzene	U5 ND	8.1	ND	1.8	
100-41-4	Ethylbenzene	ND	8.1	ND	1.9	
179601-23-1	*m,p*-Xylenes	ND	16	ND	3.7	
75-25-2	Bromoform	ND	8.1	ND	0.79	
100-42-5	Styrene	ND	8.1	ND	1.9	
95-47-6	o-Xylene	ND	8.1	ND	1.9	
79-34-5	1,1,2,2-Tetrachloroethane	ND	8.1	ND	1.2	
622-96-8	4-Ethyltoluene	ND	8.1	ND	1.7	
108-67-8	1,3,5-Trimethylbenzene	ND	8.1	ND	1.7	
95-63-6	1,2,4-Trimethylbenzene	ND	8.1	ND	1.7	
100-44-7	Benzyl Chloride	ND	8.1	ND	1.6	
541-73-1	1,3-Dichlorobenzene	ND	8.1	ND	1.4	
106-46-7	1,4-Dichlorobenzene	< 8.6 U	8.1	< 1.4 U	1.4	
95-50-1	1,2-Dichlorobenzene	U5 ND	8.1	ND	1.4	
120-82-1	1,2,4-Trichlorobenzene	ND	8.1	ND	1.1	
87-68-3	Hexachlorobutadiene	ND	8.1	ND	0.76	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-005

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00095

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.8 Pf 1 = 10.5
Can D.F. = 1.95

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.54	1,1-Difluoroethane	70,000	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: R.. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00027

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.4

Can D.F. = 1.96

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	UJ ND	6.5	ND	3.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	< 6.9 U	6.5	< 1.4 U	1.3	
74-87-3	Chloromethane	UJ ND	6.5	ND	3.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	6.5	ND	0.94	
75-01-4	Vinyl Chloride	ND	6.5	ND	2.6	
106-99-0	1,3-Butadiene	ND	6.5	ND	3.0	
74-83-9	Bromomethane	ND	6.5	ND	1.7	
75-00-3	Chloroethane	ND	6.5	ND	2.5	
67-64-1	Acetone	< 69 U	65	< 29 U	28	M
75-69-4	Trichlorofluoromethane	11 J	6.5	2.0	1.2	
67-63-0	2-Propanol (Isopropyl Alcohol)	UJ ND	6.5	ND	2.7	
75-35-4	1,1-Dichloroethene	ND	6.5	ND	1.6	
75-09-2	Methylene chloride	ND	6.5	ND	1.9	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	6.5	ND	2.1	
76-13-1	Trichlorotrifluoroethane	ND	6.5	ND	0.85	
75-15-0	Carbon Disulfide	85 J	6.5	27	2.1	
156-60-5	trans-1,2-Dichloroethene	UJ ND	6.5	ND	1.6	
75-34-3	1,1-Dichloroethane	ND	6.5	ND	1.6	
1634-04-4	Methyl tert-Butyl Ether	ND	6.5	ND	1.8	
108-05-4	Vinyl Acetate	< 15 U	13	< 4.2 U	3.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: Rec Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00027

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.4
Can D.F. = 1.96

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	UJ ND	13	ND	4.4	
156-59-2	cis-1,2-Dichloroethene	ND	6.5	ND	1.6	
141-78-6	Ethyl Acetate	ND	6.5	ND	1.8	
110-54-3	n-Hexane	ND	6.5	ND	1.9	
67-66-3	Chloroform	**220** J	6.5	**46**	1.3	
109-99-9	Tetrahydrofuran (THF)	UJ ND	6.5	ND	2.2	
107-06-2	1,2-Dichloroethane	ND	6.5	ND	1.6	
71-55-6	1,1,1-Trichloroethane	ND	6.5	ND	1.2	
71-43-2	Benzene	ND	6.5	ND	2.0	
56-23-5	Carbon Tetrachloride	ND	6.5	ND	1.0	
110-82-7	Cyclohexane	ND	6.5	ND	1.9	
78-87-5	1,2-Dichloropropane	ND	6.5	ND	1.4	
75-27-4	Bromodichloromethane	**7.6** J	6.5	**1.1**	0.98	
79-01-6	Trichloroethene	**36** J	6.5	**6.7**	1.2	
123-91-1	1,4-Dioxane	UJ ND	6.5	ND	1.8	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	6.5	ND	1.4	
142-82-5	n-Heptane	ND	6.5	ND	1.6	
10061-01-5	cis-1,3-Dichloropropene	ND	6.5	ND	1.4	
108-10-1	4-Methyl-2-pentanone	ND	6.5	ND	1.6	
10061-02-6	trans-1,3-Dichloropropene	ND	6.5	ND	1.4	
79-00-5	1,1,2-Trichloroethane	ND	6.5	ND	1.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00027

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.4
Can D.F. = 1.96

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	6.5	ND	1.7	
591-78-6	2-Hexanone	ND	6.5	ND	1.6	
124-48-1	Dibromochloromethane	ND	6.5	ND	0.77	
106-93-4	1,2-Dibromoethane	ND	6.5	ND	0.85	
127-18-4	Tetrachloroethene	750 J	6.5	110	0.96	
108-90-7	Chlorobenzene	ND	6.5	ND	1.4	
100-41-4	Ethylbenzene	ND	6.5	ND	1.5	
179601-23-1	*m,p*-Xylenes	ND	13	ND	3.0	
75-25-2	Bromoform	ND	6.5	ND	0.63	
100-42-5	Styrene	ND	6.5	ND	1.5	
95-47-6	o-Xylene	ND	6.5	ND	1.5	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.5	ND	0.95	
622-96-8	4-Ethyltoluene	ND	6.5	ND	1.3	
108-67-8	1,3,5-Trimethylbenzene	ND	6.5	ND	1.3	
95-63-6	1,2,4-Trimethylbenzene	ND	6.5	ND	1.3	
100-44-7	Benzyl Chloride	ND	6.5	ND	1.3	
541-73-1	1,3-Dichlorobenzene	ND	6.5	ND	1.1	
106-46-7	1,4-Dichlorobenzene	<9.7 U	6.5	<1.6 U	1.1	
95-50-1	1,2-Dichlorobenzene	ND	6.5	ND	1.1	
120-82-1	1,2,4-Trichlorobenzene	ND	6.5	ND	0.88	
87-68-3	Hexachlorobutadiene	ND	6.5	ND	0.61	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-006

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00027

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.4
Can D.F. = 1.96

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.56	1,1-Difluoroethane	20,000	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: R. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00304

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 10.3

Can D.F. = 1.91

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	38	ND	22	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	38	ND	7.7	
74-87-3	Chloromethane	ND	38	ND	19	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	38	ND	5.5	
75-01-4	Vinyl Chloride	ND	38	ND	15	
106-99-0	1,3-Butadiene	ND	38	ND	17	
74-83-9	Bromomethane	ND	38	ND	9.8	
75-00-3	Chloroethane	ND	38	ND	14	
67-64-1	Acetone	ND	380	ND	160	
75-69-4	Trichlorofluoromethane	ND	38	ND	6.8	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	38	ND	16	
75-35-4	1,1-Dichloroethene	ND	38	ND	9.6	
75-09-2	Methylene chloride	ND	38	ND	11	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	38	ND	12	
76-13-1	Trichlorotrifluoroethane	ND	38	ND	5.0	
75-15-0	Carbon Disulfide	ND	38	ND	12	
156-60-5	trans-1,2-Dichloroethene	ND	38	ND	9.6	
75-34-3	1,1-Dichloroethane	ND	38	ND	9.4	
1634-04-4	Methyl tert-Butyl Ether	ND	38	ND	11	
108-05-4	Vinyl Acetate	ND	76	ND	22	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00304

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 10.3
Can D.F. = 1.91

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	76	ND	26	
156-59-2	cis-1,2-Dichloroethene	ND	38	ND	9.6	
141-78-6	Ethyl Acetate	ND	38	ND	11	
110-54-3	n-Hexane	ND	38	ND	11	
67-66-3	Chloroform	ND	38	ND	7.8	
109-99-9	Tetrahydrofuran (THF)	ND	38	ND	13	
107-06-2	1,2-Dichloroethane	ND	38	ND	9.4	
71-55-6	1,1,1-Trichloroethane	ND	38	ND	7.0	
71-43-2	Benzene	ND	38	ND	12	
56-23-5	Carbon Tetrachloride	ND	38	ND	6.1	
110-82-7	Cyclohexane	ND	38	ND	11	
78-87-5	1,2-Dichloropropane	ND	38	ND	8.3	
75-27-4	Bromodichloromethane	ND	38	ND	5.7	
79-01-6	Trichloroethene	ND	38	ND	7.1	
123-91-1	1,4-Dioxane	ND	38	ND	11	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	38	ND	8.2	
142-82-5	n-Heptane	ND	38	ND	9.3	
10061-01-5	cis-1,3-Dichloropropene	ND	38	ND	8.4	
108-10-1	4-Methyl-2-pentanone	ND	38	ND	9.3	
10061-02-6	trans-1,3-Dichloropropene	ND	38	ND	8.4	
79-00-5	1,1,2-Trichloroethane	ND	38	ND	7.0	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00304

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 10.3
Can D.F. = 1.91

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	UJ ND	38	ND	10	
591-78-6	2-Hexanone	ND	38	ND	9.3	
124-48-1	Dibromochloromethane	ND	38	ND	4.5	
106-93-4	1,2-Dibromoethane	ND	38	ND	5.0	
127-18-4	Tetrachloroethene	4,000 J	38	590	5.6	
108-90-7	Chlorobenzene	UJ ND	38	ND	8.3	
100-41-4	Ethylbenzene	ND	38	ND	8.8	
179601-23-1	*m,p*-Xylenes	ND	76	ND	18	
75-25-2	Bromoform	ND	38	ND	3.7	
100-42-5	Styrene	ND	38	ND	9.0	
95-47-6	o-Xylene	ND	38	ND	8.8	
79-34-5	1,1,2,2-Tetrachloroethane	ND	38	ND	5.6	
622-96-8	4-Ethyltoluene	ND	38	ND	7.8	
108-67-8	1,3,5-Trimethylbenzene	ND	38	ND	7.8	
95-63-6	1,2,4-Trimethylbenzene	ND	38	ND	7.8	
100-44-7	Benzyl Chloride	ND	38	ND	7.4	
541-73-1	1,3-Dichlorobenzene	ND	38	ND	6.4	
106-46-7	1,4-Dichlorobenzene	ND	38	ND	6.4	
95-50-1	1,2-Dichlorobenzene	ND	38	ND	6.4	
120-82-1	1,2,4-Trichlorobenzene	ND	38	ND	5.1	
87-68-3	Hexachlorobutadiene	ND	38	ND	3.6	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.G. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-007

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00304

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 10.3
Can D.F. = 1.91

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.56	1,1-Difluoroethane	20,000	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: Rc Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00087

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.20 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.2
Can D.F. = 1.92

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	4.8	ND	2.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	4.8	ND	0.97	
74-87-3	Chloromethane	ND	4.8	ND	2.3	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	4.8	ND	0.69	
75-01-4	Vinyl Chloride	ND	4.8	ND	1.9	
106-99-0	1,3-Butadiene	ND	4.8	ND	2.2	
74-83-9	Bromomethane	ND	4.8	ND	1.2	
75-00-3	Chloroethane	ND	4.8	ND	1.8	
67-64-1	Acetone	ND	48	ND	20	
75-69-4	Trichlorofluoromethane	**6.6**	4.8	**1.2**	0.85	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	4.8	ND	2.0	
75-35-4	1,1-Dichloroethene	ND	4.8	ND	1.2	
75-09-2	Methylene chloride	ND	4.8	ND	1.4	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	4.8	ND	1.5	
76-13-1	Trichlorotrifluoroethane	**12**	4.8	**1.5**	0.63	
75-15-0	Carbon Disulfide	**47**	4.8	**15**	1.5	
156-60-5	trans-1,2-Dichloroethene	ND	4.8	ND	1.2	
75-34-3	1,1-Dichloroethane	ND	4.8	ND	1.2	
1634-04-4	Methyl tert-Butyl Ether	ND	4.8	ND	1.3	
108-05-4	Vinyl Acetate	<15 U	9.6	<4.2 U	2.7	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC. Date: 5/7/07

01127VOA.RE1 - Sample (8)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00087

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.20 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.2
Can D.F. = 1.92

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	9.6	ND	3.3	
156-59-2	cis-1,2-Dichloroethene	ND	4.8	ND	1.2	
141-78-6	Ethyl Acetate	ND	4.8	ND	1.3	
110-54-3	n-Hexane	ND	4.8	ND	1.4	
67-66-3	Chloroform	ND	4.8	ND	0.98	
109-99-9	Tetrahydrofuran (THF)	ND	4.8	ND	1.6	
107-06-2	1,2-Dichloroethane	ND	4.8	ND	1.2	
71-55-6	1,1,1-Trichloroethane	ND	4.8	ND	0.88	
71-43-2	Benzene	ND	4.8	ND	1.5	
56-23-5	Carbon Tetrachloride	ND	4.8	ND	0.76	
110-82-7	Cyclohexane	ND	4.8	ND	1.4	
78-87-5	1,2-Dichloropropane	ND	4.8	ND	1.0	
75-27-4	Bromodichloromethane	ND	4.8	ND	0.72	
79-01-6	Trichloroethene	9.7	4.8	1.8	0.89	
123-91-1	1,4-Dioxane	ND	4.8	ND	1.3	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	4.8	ND	1.0	
142-82-5	n-Heptane	ND	4.8	ND	1.2	
10061-01-5	cis-1,3-Dichloropropene	ND	4.8	ND	1.1	
108-10-1	4-Methyl-2-pentanone	ND	4.8	ND	1.2	
10061-02-6	trans-1,3-Dichloropropene	ND	4.8	ND	1.1	
79-00-5	1,1,2-Trichloroethane	ND	4.8	ND	0.88	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00087

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.20 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.2

Can D.F. = 1.92

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	7.0	4.8	1.8	1.3	
591-78-6	2-Hexanone	ND	4.8	ND	1.2	
124-48-1	Dibromochloromethane	ND	4.8	ND	0.56	
106-93-4	1,2-Dibromoethane	ND	4.8	ND	0.62	
127-18-4	Tetrachloroethene	670	4.8	99	0.71	
108-90-7	Chlorobenzene	ND	4.8	ND	1.0	
100-41-4	Ethylbenzene	ND	4.8	ND	1.1	
179601-23-1	*m,p*-Xylenes	ND	9.6	ND	2.2	
75-25-2	Bromoform	ND	4.8	ND	0.46	
100-42-5	Styrene	ND	4.8	ND	1.1	
95-47-6	o-Xylene	ND	4.8	ND	1.1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.8	ND	0.70	
622-96-8	4-Ethyltoluene	ND	4.8	ND	0.98	
108-67-8	1,3,5-Trimethylbenzene	ND	4.8	ND	0.98	
95-63-6	1,2,4-Trimethylbenzene	ND	4.8	ND	0.98	
100-44-7	Benzyl Chloride	ND	4.8	ND	0.93	
541-73-1	1,3-Dichlorobenzene	ND	4.8	ND	0.80	
106-46-7	1,4-Dichlorobenzene	<6.2 U	4.8	<1.0 U	0.80	
95-50-1	1,2-Dichlorobenzene	ND	4.8	ND	0.80	
120-82-1	1,2,4-Trichlorobenzene	ND	4.8	ND	0.65	
87-68-3	Hexachlorobutadiene	ND	4.8	ND	0.45	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-008

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00087

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.20 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.2
Can D.F. = 1.92

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.57	1,1-Difluoroethane	10,000	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: R.C. Date: 5/7/07

01127VOA.RE1 - TIC (8)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00355

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.7

Can D.F. = 1.87

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	9.4	ND	5.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	9.4	ND	1.9	
74-87-3	Chloromethane	ND	9.4	ND	4.5	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	9.4	ND	1.3	
75-01-4	Vinyl Chloride	ND	9.4	ND	3.7	
106-99-0	1,3-Butadiene	ND	9.4	ND	4.2	
74-83-9	Bromomethane	ND	9.4	ND	2.4	
75-00-3	Chloroethane	ND	9.4	ND	3.5	
67-64-1	Acetone	ND	94	ND	39	
75-69-4	Trichlorofluoromethane	ND	9.4	ND	1.7	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	9.4	ND	3.8	
75-35-4	1,1-Dichloroethene	ND	9.4	ND	2.4	
75-09-2	Methylene chloride	ND	9.4	ND	2.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	9.4	ND	3.0	
76-13-1	Trichlorotrifluoroethane	**10**	9.4	**1.4**	1.2	
75-15-0	Carbon Disulfide	ND	9.4	ND	3.0	
156-60-5	trans-1,2-Dichloroethene	ND	9.4	ND	2.4	
75-34-3	1,1-Dichloroethane	ND	9.4	ND	2.3	
1634-04-4	Methyl tert-Butyl Ether	ND	9.4	ND	2.6	
108-05-4	Vinyl Acetate	ND	19	ND	5.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00355

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.7
Can D.F. = 1.87

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	19	ND	6.3	
156-59-2	cis-1,2-Dichloroethene	ND	9.4	ND	2.4	
141-78-6	Ethyl Acetate	ND	9.4	ND	2.6	
110-54-3	n-Hexane	ND	9.4	ND	2.7	
67-66-3	Chloroform	ND	9.4	ND	1.9	
109-99-9	Tetrahydrofuran (THF)	ND	9.4	ND	3.2	
107-06-2	1,2-Dichloroethane	ND	9.4	ND	2.3	
71-55-6	1,1,1-Trichloroethane	ND	9.4	ND	1.7	
71-43-2	Benzene	ND	9.4	ND	2.9	
56-23-5	Carbon Tetrachloride	ND	9.4	ND	1.5	
110-82-7	Cyclohexane	ND	9.4	ND	2.7	
78-87-5	1,2-Dichloropropane	ND	9.4	ND	2.0	
75-27-4	Bromodichloromethane	ND	9.4	ND	1.4	
79-01-6	Trichloroethene	**15**	9.4	**2.8**	1.7	
123-91-1	1,4-Dioxane	ND	9.4	ND	2.6	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	9.4	ND	2.0	
142-82-5	n-Heptane	ND	9.4	ND	2.3	
10061-01-5	cis-1,3-Dichloropropene	ND	9.4	ND	2.1	
108-10-1	4-Methyl-2-pentanone	ND	9.4	ND	2.3	
10061-02-6	trans-1,3-Dichloropropene	ND	9.4	ND	2.1	
79-00-5	1,1,2-Trichloroethane	ND	9.4	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Pu Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00355

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.7
Can D.F. = 1.87

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	9.4	ND	2.5	
591-78-6	2-Hexanone	ND	9.4	ND	2.3	
124-48-1	Dibromochloromethane	ND	9.4	ND	1.1	
106-93-4	1,2-Dibromoethane	ND	9.4	ND	1.2	
127-18-4	Tetrachloroethene	**1,100**	9.4	**160**	1.4	
108-90-7	Chlorobenzene	ND	9.4	ND	2.0	
100-41-4	Ethylbenzene	ND	9.4	ND	2.2	
179601-23-1	*m,p*-Xylenes	ND	19	ND	4.3	
75-25-2	Bromoform	ND	9.4	ND	0.90	
100-42-5	Styrene	ND	9.4	ND	2.2	
95-47-6	o-Xylene	ND	9.4	ND	2.2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.4	ND	1.4	
622-96-8	4-Ethyltoluene	ND	9.4	ND	1.9	
108-67-8	1,3,5-Trimethylbenzene	ND	9.4	ND	1.9	
95-63-6	1,2,4-Trimethylbenzene	ND	9.4	ND	1.9	
100-44-7	Benzyl Chloride	ND	9.4	ND	1.8	
541-73-1	1,3-Dichlorobenzene	ND	9.4	ND	1.6	
106-46-7	1,4-Dichlorobenzene	ND	9.4	ND	1.6	
95-50-1	1,2-Dichlorobenzene	ND	9.4	ND	1.6	
120-82-1	1,2,4-Trichlorobenzene	ND	9.4	ND	1.3	
87-68-3	Hexachlorobutadiene	ND	9.4	ND	0.88	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.G. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-009

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00355

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.7
Can D.F. = 1.87

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.59	1,1-Difluoroethane	9,000	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: Rr Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00310

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.2 Pf 1 = 10.7
Can D.F. = 1.88

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.4	ND	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.4**	2.4	**0.50**	0.48	
74-87-3	Chloromethane	ND	2.4	ND	1.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.34	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.92	
106-99-0	1,3-Butadiene	ND	2.4	ND	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.61	
75-00-3	Chloroethane	ND	2.4	ND	0.89	
67-64-1	Acetone	ND	24	ND	9.9	
75-69-4	Trichlorofluoromethane	ND	2.4	ND	0.42	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.4	ND	0.96	
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.59	
75-09-2	Methylene chloride	ND	2.4	ND	0.68	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.75	
76-13-1	Trichlorotrifluoroethane	ND	2.4	ND	0.31	
75-15-0	Carbon Disulfide	ND	2.4	ND	0.75	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.59	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.58	
1634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.65	
108-05-4	Vinyl Acetate	ND	4.7	ND	1.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rie Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00310

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.2 Pf 1 = 10.7
Can D.F. = 1.88

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	4.7	ND	1.6	
156-59-2	cis-1,2-Dichloroethene	ND	2.4	ND	0.59	
141-78-6	Ethyl Acetate	ND	2.4	ND	0.65	
110-54-3	n-Hexane	ND	2.4	ND	0.67	
67-66-3	Chloroform	ND	2.4	ND	0.48	
109-99-9	Tetrahydrofuran (THF)	ND	2.4	ND	0.80	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.58	
71-55-6	1,1,1-Trichloroethane	ND	2.4	ND	0.43	
71-43-2	Benzene	**3.0**	2.4	**0.94**	0.74	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.37	
110-82-7	Cyclohexane	ND	2.4	ND	0.68	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.51	
75-27-4	Bromodichloromethane	ND	2.4	ND	0.35	
79-01-6	Trichloroethene	ND	2.4	ND	0.44	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.65	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.4	ND	0.50	
142-82-5	n-Heptane	ND	2.4	ND	0.57	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.52	
108-10-1	4-Methyl-2-pentanone	ND	2.4	ND	0.57	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.52	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.43	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00310

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.2 Pf 1 = 10.7

Can D.F. = 1.88

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	2.4	ND	0.62	
591-78-6	2-Hexanone	ND	2.4	ND	0.57	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.28	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.31	
127-18-4	Tetrachloroethene	ND	2.4	ND	0.35	
108-90-7	Chlorobenzene	ND	2.4	ND	0.51	
100-41-4	Ethylbenzene	ND	2.4	ND	0.54	
179601-23-1	*m,p*-Xylenes	ND	4.7	ND	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.23	
100-42-5	Styrene	ND	2.4	ND	0.55	
95-47-6	o-Xylene	ND	2.4	ND	0.54	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.34	
622-96-8	4-Ethyltoluene	ND	2.4	ND	0.48	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.48	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	ND	0.48	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.45	
541-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.39	
106-46-7	1,4-Dichlorobenzene	**3.2**	2.4	**0.53**	0.39	
95-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.39	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.32	
87-68-3	Hexachlorobutadiene	ND	2.4	ND	0.22	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-010

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00310

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.2 Pf 1 = 10.7
Can D.F. = 1.88

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.53	1,1-Difluoroethane	50	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00146

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**1.3**	1.3	**0.73**	0.73	M
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1.3	ND	0.25	
74-87-3	Chloromethane	ND	1.3	ND	0.61	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1.3	ND	0.18	
75-01-4	Vinyl Chloride	ND	1.3	ND	0.49	
106-99-0	1,3-Butadiene	ND	1.3	ND	0.57	
74-83-9	Bromomethane	ND	1.3	ND	0.32	
75-00-3	Chloroethane	ND	1.3	ND	0.47	
67-64-1	Acetone	**30**	13	**13**	5.3	M
75-69-4	Trichlorofluoromethane	ND	1.3	ND	0.22	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.3	ND	0.51	
75-35-4	1,1-Dichloroethene	ND	1.3	ND	0.32	
75-09-2	Methylene chloride	ND	1.3	ND	0.36	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1.3	ND	0.40	
76-13-1	Trichlorotrifluoroethane	ND	1.3	ND	0.16	
75-15-0	Carbon Disulfide	ND	1.3	ND	0.40	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	ND	0.32	
75-34-3	1,1-Dichloroethane	ND	1.3	ND	0.31	
1634-04-4	Methyl tert-Butyl Ether	ND	1.3	ND	0.35	
108-05-4	Vinyl Acetate	**4.5**	2.5	**1.3**	0.71	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference; results may be biased high.

Verified By: R.. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00146

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**6.0**	2.5	**2.0**	0.85	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	ND	0.32	
141-78-6	Ethyl Acetate	ND	1.3	ND	0.35	
110-54-3	n-Hexane	ND	1.3	ND	0.35	
67-66-3	Chloroform	ND	1.3	ND	0.26	
109-99-9	Tetrahydrofuran (THF)	ND	1.3	ND	0.42	
107-06-2	1,2-Dichloroethane	ND	1.3	ND	0.31	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ND	0.23	
71-43-2	Benzene	ND	1.3	ND	0.39	
56-23-5	Carbon Tetrachloride	ND	1.3	ND	0.20	
110-82-7	Cyclohexane	ND	1.3	ND	0.36	
78-87-5	1,2-Dichloropropane	ND	1.3	ND	0.27	
75-27-4	Bromodichloromethane	ND	1.3	ND	0.19	
79-01-6	Trichloroethene	ND	1.3	ND	0.23	
123-91-1	1,4-Dioxane	ND	1.3	ND	0.35	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	1.3	ND	0.27	
142-82-5	n-Heptane	ND	1.3	ND	0.31	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ND	0.28	
108-10-1	4-Methyl-2-pentanone	ND	1.3	ND	0.31	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ND	0.28	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ND	0.23	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ru Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00146

Date Collected: 4/18/07
Date Received: 4/20/07
Date(s) Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	1.3	ND	0.33	
591-78-6	2-Hexanone	**1.3**	1.3	**0.32**	0.31	
124-48-1	Dibromochloromethane	ND	1.3	ND	0.15	
106-93-4	1,2-Dibromoethane	ND	1.3	ND	0.16	
127-18-4	Tetrachloroethene	ND	1.3	ND	0.18	
108-90-7	Chlorobenzene	ND	1.3	ND	0.27	
100-41-4	Ethylbenzene	ND	1.3	ND	0.29	
179601-23-1	*m,p* -Xylenes	ND	2.5	ND	0.58	
75-25-2	Bromoform	ND	1.3	ND	0.12	
100-42-5	Styrene	ND	1.3	ND	0.29	
95-47-6	o-Xylene	ND	1.3	ND	0.29	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ND	0.18	
622-96-8	4-Ethyltoluene	ND	1.3	ND	0.25	
108-67-8	1,3,5-Trimethylbenzene	ND	1.3	ND	0.25	
95-63-6	1,2,4-Trimethylbenzene	ND	1.3	ND	0.25	
100-44-7	Benzyl Chloride	ND	1.3	ND	0.24	
541-73-1	1,3-Dichlorobenzene	ND	1.3	ND	0.21	
106-46-7	1,4-Dichlorobenzene	ND	1.3	ND	0.21	
95-50-1	1,2-Dichlorobenzene	ND	1.3	ND	0.21	
120-82-1	1,2,4-Trichlorobenzene	ND	1.3	ND	0.17	
87-68-3	Hexachlorobutadiene	ND	1.3	ND	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.r. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB041807**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P2701127-011

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes: T
Container ID: 1SC00146

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/3/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
4.54	1,1-Difluoroethane	40	
	Bromoethene (Vinyl Bromide)	NF	

T = Analyte is a tentatively identified compound, result is estimated.
NF = Compound was searched for, but not found.

Verified By: Rc Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P070502-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P070502-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	0.50	ND	0.11	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P070502-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 5/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.G. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P070502-MB

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 5/2/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	1,1-Difluoroethane	NF	
	Bromoethene (Vinyl Bromide)	NF	

NF = Compound was searched for, but not found.

Verified By: R.L. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Project ID: **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 4/18/07
Date Received: 4/20/07
Date Analyzed: 5/2 - 5/3/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070502-MB	86	70-130	103	70-130	100	70-130	
Lab Control Sample	P070502-LCS	91	70-130	103	70-130	99	70-130	
Duplicate Lab Control Sample	P070502-DLCS	89	70-130	102	70-130	101	70-130	
SVMW1-1	P2701127-001	97	70-130	101	70-130	101	70-130	
SVMW2-1	P2701127-002	99	70-130	102	70-130	100	70-130	
DUP-01	P2701127-003	100	70-130	102	70-130	101	70-130	
SVMW1-2	P2701127-004	96	70-130	101	70-130	100	70-130	
SVMW2-2	P2701127-005	96	70-130	102	70-130	98	70-130	
SVMW1-3	P2701127-006	93	70-130	101	70-130	98	70-130	
SVMW1-4	P2701127-007	100	70-130	101	70-130	99	70-130	
SVMW2-3	P2701127-008	94	70-130	101	70-130	99	70-130	
SVMW2-4	P2701127-009	99	70-130	101	70-130	100	70-130	
AB041807	P2701127-010	88	70-130	101	70-130	99	70-130	
EB041807	P2701127-011	89	70-130	101	70-130	99	70-130	

Verified By: Rc Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**

Client Sample ID: Duplicate Lab Control Sample
Client Project ID : SRP's 16th Street Facility/10108.00

CAS Project ID: P2701127
CAS Sample ID: P070502-LCS, P070502-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 5/2/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	CAS Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Propene	25.8	27.8	23.6	108	91	70-130	17	25	
Dichlorodifluoromethane (CFC 12)	25.5	26.8	23.4	105	92	70-130	13	25	
Chloromethane	24.3	27.8	21.7	114	89	70-130	25	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	23.6	21.0	93	82	70-130	13	25	
Vinyl Chloride	24.8	27.5	23.5	111	95	70-130	16	25	
1,3-Butadiene	26.0	30.4	25.4	117	98	70-130	18	25	
Bromomethane	25.0	26.5	23.4	106	94	70-130	12	25	
Chloroethane	25.0	27.4	22.9	110	92	70-130	18	25	
Acetone	26.5	26.3	22.4	99	85	70-130	15	25	
Trichlorofluoromethane	24.3	24.0	21.8	99	90	70-130	10	25	
2-Propanol (Isopropyl Alcohol)	24.5	25.6	21.7	104	89	70-130	16	25	
1,1-Dichloroethene	27.3	29.2	25.5	107	93	70-130	14	25	
Methylene chloride	26.8	28.7	24.7	107	92	70-130	15	25	
3-Chloro-1-propene (Allyl Chloride)	26.0	30.9	26.4	119	102	70-130	15	25	
Trichlorotrifluoroethane	27.0	29.1	25.8	108	96	70-130	12	25	
Carbon Disulfide	25.0	27.3	23.3	109	93	70-130	16	25	
trans-1,2-Dichloroethene	26.3	28.4	24.4	108	93	70-130	15	25	
1,1-Dichloroethane	26.3	27.3	23.6	104	90	70-130	14	25	
Methyl tert-Butyl Ether	26.3	27.5	23.8	105	90	70-130	15	25	
Vinyl Acetate	24.3	29.4	24.7	121	102	70-130	17	25	

Verified By: EC Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **SRP's 16th Street Facility/10108.00**

CAS Project ID: P2701127
CAS Sample ID: P070502-LCS, P070502-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 5/2/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	CAS Acceptance Limits	RPD	RPD Limit %	Data Qualifier
2-Butanone (MEK)	26.8	27.9	24.1	104	90	70-130	14	25	
cis-1,2-Dichloroethene	26.5	28.7	24.6	108	93	70-130	15	25	
Ethyl Acetate	29.8	34.5	29.4	116	99	70-130	16	25	
n-Hexane	26.8	29.6	24.7	110	92	70-130	18	25	
Chloroform	30.0	28.2	25.0	94	83	70-130	12	25	
Tetrahydrofuran (THF)	26.5	27.2	24.2	103	91	70-130	12	25	
1,2-Dichloroethane	26.0	27.4	24.1	105	93	70-130	12	25	
1,1,1-Trichloroethane	26.3	28.0	24.1	106	92	70-130	14	25	
Benzene	26.3	29.0	24.8	110	94	70-130	16	25	
Carbon Tetrachloride	25.8	31.5	27.9	122	108	70-130	12	25	
Cyclohexane	26.5	28.4	24.1	107	91	70-130	16	25	
1,2-Dichloropropane	26.0	30.1	25.6	116	98	70-130	17	25	
Bromodichloromethane	27.5	30.1	26.6	109	97	70-130	12	25	
Trichloroethene	27.3	29.9	26.2	110	96	70-130	14	25	
1,4-Dioxane	27.3	30.3	26.1	111	96	70-130	14	25	
2,2,4-Trimethylpentane (Isooctane)	25.0	28.6	24.0	114	96	70-130	17	25	
n-Heptane	26.5	29.6	24.9	112	94	70-130	17	25	
cis-1,3-Dichloropropene	26.0	27.4	23.5	105	90	70-130	15	25	
4-Methyl-2-pentanone	26.5	31.7	26.4	120	100	70-130	18	25	
trans-1,3-Dichloropropene	27.8	31.1	26.7	112	96	70-130	15	25	
1,1,2-Trichloroethane	25.8	28.9	24.8	112	96	70-130	15	25	

Verified By: R. Date: 5/7/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : SRP's 16th Street Facility/10108.00

CAS Project ID: P2701127
CAS Sample ID: P070502-LCS, P070502-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS8
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 5/2/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	CAS Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Toluene	26.0	29.7	25.2	114	97	70-130	16	25	
2-Hexanone	26.0	32.0	26.1	123	100	70-130	21	25	
Dibromochloromethane	26.5	31.2	26.8	118	101	70-130	16	25	
1,2-Dibromoethane	26.0	30.3	26.0	117	100	70-130	16	25	
Tetrachloroethene	25.8	28.8	25.0	112	97	70-130	14	25	
Chlorobenzene	26.0	29.6	25.2	114	97	70-130	16	25	
Ethylbenzene	25.8	29.7	25.4	115	98	70-130	16	25	
m,p-Xylenes	61.5	70.7	64.7	115	105	70-130	9	25	
Bromoform	31.3	35.3	30.4	113	97	70-130	15	25	
Styrene	25.8	29.0	26.7	112	103	70-130	8	25	
o-Xylene	29.0	33.3	30.5	115	105	70-130	9	25	
1,1,2,2-Tetrachloroethane	29.3	35.7	30.1	122	103	70-130	17	25	
4-Ethyltoluene	26.3	30.6	28.6	116	109	70-130	6	25	
1,3,5-Trimethylbenzene	25.5	29.2	27.5	115	108	70-130	6	25	
1,2,4-Trimethylbenzene	26.0	30.2	28.7	116	110	70-130	5	25	
Benzyl Chloride	25.5	31.7	27.7	124	109	70-130	13	25	
1,3-Dichlorobenzene	25.3	29.4	27.5	116	109	70-130	6	25	
1,4-Dichlorobenzene	26.0	30.3	28.6	117	110	70-130	6	25	
1,2-Dichlorobenzene	25.5	30.1	28.1	118	110	70-130	7	25	
1,2,4-Trichlorobenzene	26.8	34.0	33.3	127	124	70-130	2	25	
Hexachlorobutadiene	26.5	29.5	28.5	111	108	70-130	3	25	

Verified By: RG Date: 5/7/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Transwest Geochem, Inc. Work order: P2701127

Project: SRP's 16th Street Facility/10108.00

Sample(s) received on: 4/20/07 Date opened: 4/20/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2701127-001			NA	
P2701127-002			NA	
P2701127-003			NA	
P2701127-004			NA	
P2701127-005			NA	
P2701127-006			NA	
P2701127-007			NA	
P2701127-008			NA	
P2701127-009			NA	
P2701127-010			NA	

Explain any discrepancies: (include lab sample ID numbers):

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Transwest Geochem, Inc. Work order: P2701127

Project: SRP's 16th Street Facility/10108.00

Sample(s) received on: 4/20/07 Date opened: 4/20/07 by: MZ

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2701127-011			NA	

TRANSWEST GEOCHEM

P270127

CHAIN-OF-CUSTODY

Carlene McCutcheon
3725 E. Atlanta Avenue
Suite 2
Phoenix, AZ 85040

TEL: (602) 437-0330
FAX: (602) 437-0660

Work Order: 0704502

Project: SRP's 16th Street Facility 10108.00

Subcontractor:
Columbia Analytical
2655 Park Center Dr., Ste. A
Simi Valley, CA 93065

TEL: (805) 526-7161
FAX: (805) 526-7270

19-Apr-07

Client Sample ID	TGI ID	Matrix	Collection Date	Containers	Requested Tests: SUBCONTRACT	TO15					
SVMW1-1	01A	Air	4/18/2007 1:16:00 PM	1	1	1					-4.8
SVMW2-1	02A	Air	4/18/2007 2:28:00 PM	1	1	1					-2.4
DUP-01	03A	Air	4/18/2007 2:29:00 PM	1	1	1					-3.1
SVMW1-2	04A	Air	4/18/2007 3:20:00 PM	1	1	1					-3.1
SVMW2-2	05A	Air	4/18/2007 4:28:00 PM	1	1	1					-3.7
SVMW1-3	06A	Air	4/18/2007 4:51:00 PM	1	1	1					-5.8
SVMW1-4	07A	Air	4/18/2007 5:36:00 PM	1	1	1					-3.2
SVMW2-3	08A	Air	4/18/2007 6:02:00 PM	1	1	1					-3.4
SVMW2-4	09A	Air	4/18/2007 6:33:00 PM	1	1	1					-2.8
AB041807	10A	Air	4/18/2007 6:34:00 PM	1	1	1					-2.4
EB041807	11A	Air	4/18/2007 6:43:00 PM	1	1	1					-28.4

Difluoroethane

Comments: After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

Sample Receipt		
Temperature:	Ambient / Cold	Ice:
Received Intact:		Absent / Present
Custody Seals:		Wet / Blue
Total No. of Containers:		°C.

		Date/Time			Date/Time
Relinquished by:	Leslie May TGI	4/19/07 1600	Received by:	UPS	
Relinquished by:	UPS		Received by:	Altamira	4/20/07 1000
Relinquished by:			Received by:		

57

= 0704 502 PHO 10047

CHAIN-OF-CUSTODY RECORD

PROJECT NAME: SRP's 16th Street Facility

DATE: 4/18/07 PAGE 1 OF 1

PROJECT NUMBER: 10108.000

RESULTS TO: Stephanie Koehne

TURNAROUND TIME: Normal TAT

SAMPLE SHIPMENT METHOD:

LABORATORY NAME: Transwest Geochem

LABORATORY ADDRESS: 3725 E. Atlanta Ave Phoenix, AZ

LABORATORY CONTACT: Carlene McCutcheon

LABORATORY PHONE NUMBER: (602) 437-0330

CLIENT INFORMATION: Geomatrix

REPORTING REQUIREMENTS:

GEOTRACKER REQUIRED YES NO

SITE SPECIFIC GLOBAL ID NO.

SAMPLERS (SIGNATURE): Nimisha Patel, S. Koehne

ANALYSES

DATE	TIME	SAMPLE NUMBER	TO-15	Difluoroethane	CONTAINER TYPE AND SIZE	Soil (S), Water (W), Vapor (V), or Other (O)	Filtered	Preservative Type	Cooled	MS/MSD	No. of Containers	Canister Orifice Serial #/Serial # (1V-0-08- ADDITIONAL COMMENTS
4/18/07	1316	SVMW1-1	X	X	1L Summa	V					1	1SC00351/-005
	1428	SVMW2-1	X	X		V					1	1SC00034/-019
	1429	DUP-01	X	X		V					1	1SC00226/-010
	1520	SVMW1-2	X	X		V					1	1SC00176/-020
	1628	SVMW2-2	X	X		V					1	1SC00095/-004
	1651	SVMW1-3	X	X		V					1	1SC00027/-065
	1736	SVMW1-4	X	X		V					1	1SC00304/-087
	1802	SVMW2-3	X	X		V					1	1SC00087/-056
	1833	SVMW2-4	X	X		V					1	1SC00355/-071
	1834	AB041807	X			V					1	1SC00310/-022
	1843	EB041807	X			V					1	1S00146

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
SIGNATURE: [signature]	4/19/07	1426	SIGNATURE: [signature] TGI	4.19.07	14:26
PRINTED NAME: NIMISHA PATEL			PRINTED NAME: [illegible]		
COMPANY: Geomatrix			COMPANY: TGI		
SIGNATURE: [signature]			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		
SIGNATURE:			SIGNATURE:		
PRINTED NAME:			PRINTED NAME:		
COMPANY:			COMPANY:		

TOTAL NUMBER OF CONTAINERS:

SAMPLING COMMENTS:

8777 East Via de Ventura, Suite 396
Scottsdale, Arizona 85258-3369
Tel 480.348.1244 Fax 480.348.1245

Geomatrix

APPENDIX J.4

May 2007 Soil Vapor Monitor Well Data

TRANSWEST GEOCHEM

Leak Check

SVMW2-2 0.07 µg/L
SVMW1-3 0.05 µg/L
SVMW2-3 0.91 µg/L
SVMW1-4 0.4 µg/L
SVMW2-4 5 µg/L

June 18, 2007

Stephanie Koehne
Geomatrix
8777 E. Via de Ventura
Suite 396
Scottsdale, AZ 85258

Re: Salt River Project/10108.000.0
Work Order No.: 0705590

Dear Stephanie,

Attached is the original Report of Analysis from Columbia Analytical Services, Inc. (AZ0694) for the samples received on 5/23/07. The following analysis was performed:

Test Code: EPA TO-15 - Volatile Organic Compounds in Air

If you have any questions regarding the results, please call me. We appreciate your business and thank you for choosing Transwest Geochem.

Sincerely,

Blanks Detections.

Carlene McCutcheon

Carlene McCutcheon
Project Manager

FB-02

ADHS License No. AZM133/AZ0133

3725 E. Atlanta Avenue • Phoenix, Arizona 85040 • (602) 437-0330 • (800) 927-5183 • Fax (602) 437-0660
3860 S. Palo Verde Rd. • Suite 301 • Tucson, Arizona 85714 • (520) 573-1061 • Fax (520) 573-1063

100% Recycled

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

June 13, 2007

Ms. Carlene McCutcheon
Transwest Geochem, Inc.
3725 East Atlanta Avenue, Suite 2
Phoenix, AZ 85040

RE: P2701543
Salt River Project/10108.000.0

Dear Ms. McCutcheon:

Enclosed are the results of the sample(s) submitted to our laboratory on May 24, 2007.
For your reference, these analyses have been assigned our service request number P2701543.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 105 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera

Kate Aguilera
Project Manager

NELAP Accredited ACIL Seal of Excellence Award 100% Employee Owned

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	TRANSWEST GEOCHEM, INC.	Date of Report:	06/13/07
Address:	3725 East Atlanta Avenue, Suite 2	Date Received:	05/24/07
	Phoenix, AZ 85040	CAS Project No:	P2701543
Contact:	Ms. Carlene McCutcheon	Purchase Order:	Verbal
Client Project ID:	Salt River Project/10108.000.0	Arizona License No.:	AZ0694

Eleven (11) Stainless Steel Summa Canisters labeled:

"SVMW1-1" "SVMW2-1" "DUP-01-052207" "SVMW1-2" "SVMW2-2" "SVMW1-3"
"SVMW2-3" "SVMW1-4" "FB-02" "EB-02" "SVMW2-4"

The samples were received at the laboratory under chain of custody on May 24, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds and tentatively identified compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical system used was comprised of an Agilent Model 5973inert GC/MS/DS interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Reviewed and Approved:

Liliana Marghitoiu
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:
For

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00010

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.080 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	9.1	ND	5.3	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	9.1	ND	1.8	
74-87-3	Chloromethane	ND	9.1	ND	4.4	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	9.1	ND	1.3	
75-01-4	Vinyl Chloride	ND	9.1	ND	3.5	
106-99-0	1,3-Butadiene	ND	9.1	ND	4.1	
74-83-9	Bromomethane	ND	9.1	ND	2.3	
75-00-3	Chloroethane	ND	9.1	ND	3.4	
67-64-1	Acetone	ND	91	ND	38	
75-69-4	Trichlorofluoromethane	ND	9.1	ND	1.6	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	9.1	ND	3.7	
75-35-4	1,1-Dichloroethene	ND	9.1	ND	2.3	
75-09-2	Methylene chloride	ND	9.1	ND	2.6	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	9.1	ND	2.9	
76-13-1	Trichlorotrifluoroethane	ND	9.1	ND	1.2	
75-15-0	Carbon Disulfide	<300 U	9.1	<96 U	2.9	
156-60-5	trans-1,2-Dichloroethene	ND	9.1	ND	2.3	
75-34-3	1,1-Dichloroethane	ND	9.1	ND	2.2	
1634-04-4	Methyl tert-Butyl Ether	ND	9.1	ND	2.5	
108-05-4	Vinyl Acetate	ND	18	ND	5.1	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.c. Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00010

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.080 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	18	ND	6.1	
156-59-2	cis-1,2-Dichloroethene	ND	9.1	ND	2.3	
141-78-6	Ethyl Acetate	ND	9.1	ND	2.5	
110-54-3	n-Hexane	ND	9.1	ND	2.6	
67-66-3	Chloroform	**160**	9.1	**33**	1.9	
109-99-9	Tetrahydrofuran (THF)	ND	9.1	ND	3.1	
107-06-2	1,2-Dichloroethane	ND	9.1	ND	2.2	
71-55-6	1,1,1-Trichloroethane	ND	9.1	ND	1.7	
71-43-2	Benzene	ND	9.1	ND	2.8	
56-23-5	Carbon Tetrachloride	ND	9.1	ND	1.4	
110-82-7	Cyclohexane	ND	9.1	ND	2.6	
78-87-5	1,2-Dichloropropane	ND	9.1	ND	2.0	
75-27-4	Bromodichloromethane	ND	9.1	ND	1.4	
79-01-6	Trichloroethene	ND	9.1	ND	1.7	
123-91-1	1,4-Dioxane	ND	9.1	ND	2.5	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	9.1	ND	1.9	
142-82-5	n-Heptane	ND	9.1	ND	2.2	
10061-01-5	cis-1,3-Dichloropropene	ND	9.1	ND	2.0	
108-10-1	4-Methyl-2-pentanone	ND	9.1	ND	2.2	
10061-02-6	trans-1,3-Dichloropropene	ND	9.1	ND	2.0	
79-00-5	1,1,2-Trichloroethane	ND	9.1	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: K.C. Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00010

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.080 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	9.1	ND	2.4	
591-78-6	2-Hexanone	ND	9.1	ND	2.2	
124-48-1	Dibromochloromethane	ND	9.1	ND	1.1	
106-93-4	1,2-Dibromoethane	ND	9.1	ND	1.2	
127-18-4	Tetrachloroethene	**1,400**	9.1	**210**	1.3	
108-90-7	Chlorobenzene	ND	9.1	ND	2.0	
100-41-4	Ethylbenzene	ND	9.1	ND	2.1	
179601-23-1	*m,p* -Xylenes	ND	18	ND	4.2	
75-25-2	Bromoform	ND	9.1	ND	0.88	
100-42-5	Styrene	ND	9.1	ND	2.1	
95-47-6	o-Xylene	ND	9.1	ND	2.1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.1	ND	1.3	
622-96-8	4-Ethyltoluene	ND	9.1	ND	1.8	
108-67-8	1,3,5-Trimethylbenzene	ND	9.1	ND	1.8	
95-63-6	1,2,4-Trimethylbenzene	ND	9.1	ND	1.8	
100-44-7	Benzyl Chloride	ND	9.1	ND	1.8	
541-73-1	1,3-Dichlorobenzene	ND	9.1	ND	1.5	
106-46-7	1,4-Dichlorobenzene	ND	9.1	ND	1.5	
95-50-1	1,2-Dichlorobenzene	ND	9.1	ND	1.5	
120-82-1	1,2,4-Trichlorobenzene	ND	9.1	ND	1.2	
87-68-3	Hexachlorobutadiene	ND	9.1	ND	0.85	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-001

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00010

Date Collected: 5/22/07
Date Received: 5/24/07
Date Analyzed: 6/4/07
Volume(s) Analyzed: 0.080 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1
Can D.F. = 1.45

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00016

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	15	ND	8.7	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	15	ND	3.0	
74-87-3	Chloromethane	ND	15	ND	7.3	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	15	ND	2.1	
75-01-4	Vinyl Chloride	ND	15	ND	5.9	
106-99-0	1,3-Butadiene	ND	15	ND	6.8	
74-83-9	Bromomethane	ND	15	ND	3.9	
75-00-3	Chloroethane	ND	15	ND	5.7	
67-64-1	Acetone	ND	150	ND	63	
75-69-4	Trichlorofluoromethane	ND	15	ND	2.7	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	15	ND	6.1	
75-35-4	1,1-Dichloroethene	ND	15	ND	3.8	
75-09-2	Methylene chloride	ND	15	ND	4.3	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	15	ND	4.8	
76-13-1	Trichlorotrifluoroethane	ND	15	ND	2.0	
75-15-0	Carbon Disulfide	<42 U	15	<14 U	4.8	
156-60-5	trans-1,2-Dichloroethene	ND	15	ND	3.8	
75-34-3	1,1-Dichloroethane	ND	15	ND	3.7	
1634-04-4	Methyl tert-Butyl Ether	ND	15	ND	4.2	
108-05-4	Vinyl Acetate	ND	30	ND	8.5	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00016

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0
Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	30	ND	10	
156-59-2	cis-1,2-Dichloroethene	ND	15	ND	3.8	
141-78-6	Ethyl Acetate	ND	15	ND	4.2	
110-54-3	n-Hexane	ND	15	ND	4.3	
67-66-3	Chloroform	ND	15	ND	3.1	
109-99-9	Tetrahydrofuran (THF)	ND	15	ND	5.1	
107-06-2	1,2-Dichloroethane	ND	15	ND	3.7	
71-55-6	1,1,1-Trichloroethane	ND	15	ND	2.8	
71-43-2	Benzene	ND	15	ND	4.7	
56-23-5	Carbon Tetrachloride	ND	15	ND	2.4	
110-82-7	Cyclohexane	ND	15	ND	4.4	
78-87-5	1,2-Dichloropropane	ND	15	ND	3.2	
75-27-4	Bromodichloromethane	ND	15	ND	2.2	
79-01-6	Trichloroethene	ND	15	ND	2.8	
123-91-1	1,4-Dioxane	ND	15	ND	4.2	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	15	ND	3.2	
142-82-5	n-Heptane	ND	15	ND	3.7	
10061-01-5	cis-1,3-Dichloropropene	ND	15	ND	3.3	
108-10-1	4-Methyl-2-pentanone	ND	15	ND	3.7	
10061-02-6	trans-1,3-Dichloropropene	ND	15	ND	3.3	
79-00-5	1,1,2-Trichloroethane	ND	15	ND	2.8	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00016

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0
Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	15	ND	4.0	
591-78-6	2-Hexanone	ND	15	ND	3.7	
124-48-1	Dibromochloromethane	ND	15	ND	1.8	
106-93-4	1,2-Dibromoethane	ND	15	ND	2.0	
127-18-4	Tetrachloroethene	**2,000**	15	**290**	2.2	
108-90-7	Chlorobenzene	ND	15	ND	3.3	
100-41-4	Ethylbenzene	ND	15	ND	3.5	
179601-23-1	*m,p* -Xylenes	ND	30	ND	6.9	
75-25-2	Bromoform	ND	15	ND	1.5	
100-42-5	Styrene	ND	15	ND	3.5	
95-47-6	o-Xylene	ND	15	ND	3.5	
79-34-5	1,1,2,2-Tetrachloroethane	ND	15	ND	2.2	
622-96-8	4-Ethyltoluene	ND	15	ND	3.1	
108-67-8	1,3,5-Trimethylbenzene	ND	15	ND	3.1	
95-63-6	1,2,4-Trimethylbenzene	ND	15	ND	3.1	
100-44-7	Benzyl Chloride	ND	15	ND	2.9	
541-73-1	1,3-Dichlorobenzene	ND	15	ND	2.5	
106-46-7	1,4-Dichlorobenzene	ND	15	ND	2.5	
95-50-1	1,2-Dichlorobenzene	ND	15	ND	2.5	
120-82-1	1,2,4-Trichlorobenzene	ND	15	ND	2.0	
87-68-3	Hexachlorobutadiene	ND	15	ND	1.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RL Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-002

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00016

Date Collected: 5/22/07
Date Received: 5/24/07
Date Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0
Can D.F. = 1.50

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RG Date: 6/8/07

01543VOA.RE1 - TIC (2)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01-052207**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00025

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.080 Liter(s)
0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	9.4	ND	5.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	9.4	ND	1.9	
74-87-3	Chloromethane	ND	9.4	ND	4.5	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	9.4	ND	1.3	
75-01-4	Vinyl Chloride	ND	9.4	ND	3.7	
106-99-0	1,3-Butadiene	ND	9.4	ND	4.2	
74-83-9	Bromomethane	ND	9.4	ND	2.4	
75-00-3	Chloroethane	ND	9.4	ND	3.6	
67-64-1	Acetone	ND	94	ND	39	
75-69-4	Trichlorofluoromethane	10	9.4	1.8	1.7	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	9.4	ND	3.8	
75-35-4	1,1-Dichloroethene	ND	9.4	ND	2.4	
75-09-2	Methylene chloride	ND	9.4	ND	2.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	9.4	ND	3.0	
76-13-1	Trichlorotrifluoroethane	ND	9.4	ND	1.2	
75-15-0	Carbon Disulfide	<54 U	9.4	<17 U	3.0	
156-60-5	trans-1,2-Dichloroethene	ND	9.4	ND	2.4	
75-34-3	1,1-Dichloroethane	ND	9.4	ND	2.3	
1634-04-4	Methyl tert-Butyl Ether	ND	9.4	ND	2.6	
108-05-4	Vinyl Acetate	ND	19	ND	5.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01-052207**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00025

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.080 Liter(s)
0.025 Liter(s)

Pi l = -1.6 Pf l = 5.0

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	19	ND	6.4	
156-59-2	cis-1,2-Dichloroethene	ND	9.4	ND	2.4	
141-78-6	Ethyl Acetate	ND	9.4	ND	2.6	
110-54-3	n-Hexane	ND	9.4	ND	2.7	
67-66-3	Chloroform	12	9.4	2.4	1.9	
109-99-9	Tetrahydrofuran (THF)	ND	9.4	ND	3.2	
107-06-2	1,2-Dichloroethane	ND	9.4	ND	2.3	
71-55-6	1,1,1-Trichloroethane	ND	9.4	ND	1.7	
71-43-2	Benzene	ND	9.4	ND	2.9	
56-23-5	Carbon Tetrachloride	ND	9.4	ND	1.5	
110-82-7	Cyclohexane	ND	9.4	ND	2.7	
78-87-5	1,2-Dichloropropane	ND	9.4	ND	2.0	
75-27-4	Bromodichloromethane	ND	9.4	ND	1.4	
79-01-6	Trichloroethene	ND	9.4	ND	1.7	
123-91-1	1,4-Dioxane	ND	9.4	ND	2.6	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	9.4	ND	2.0	
142-82-5	n-Heptane	ND	9.4	ND	2.3	
10061-01-5	cis-1,3-Dichloropropene	ND	9.4	ND	2.1	
108-10-1	4-Methyl-2-pentanone	ND	9.4	ND	2.3	
10061-02-6	trans-1,3-Dichloropropene	ND	9.4	ND	2.1	
79-00-5	1,1,2-Trichloroethane	ND	9.4	ND	1.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01-052207**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00025

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.080 Liter(s)
0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	9.4	ND	2.5	
591-78-6	2-Hexanone	ND	9.4	ND	2.3	
124-48-1	Dibromochloromethane	ND	9.4	ND	1.1	
106-93-4	1,2-Dibromoethane	ND	9.4	ND	1.2	
127-18-4	Tetrachloroethene	1,900	9.4	280	1.4	
108-90-7	Chlorobenzene	ND	9.4	ND	2.0	
100-41-4	Ethylbenzene	ND	9.4	ND	2.2	
179601-23-1	*m,p*-Xylenes	ND	19	ND	4.3	
75-25-2	Bromoform	ND	9.4	ND	0.91	
100-42-5	Styrene	ND	9.4	ND	2.2	
95-47-6	o-Xylene	ND	9.4	ND	2.2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	9.4	ND	1.4	
622-96-8	4-Ethyltoluene	ND	9.4	ND	1.9	
108-67-8	1,3,5-Trimethylbenzene	ND	9.4	ND	1.9	
95-63-6	1,2,4-Trimethylbenzene	ND	9.4	ND	1.9	
100-44-7	Benzyl Chloride	ND	9.4	ND	1.8	
541-73-1	1,3-Dichlorobenzene	ND	9.4	ND	1.6	
106-46-7	1,4-Dichlorobenzene	ND	9.4	ND	1.6	
95-50-1	1,2-Dichlorobenzene	ND	9.4	ND	1.6	
120-82-1	1,2,4-Trichlorobenzene	ND	9.4	ND	1.3	
87-68-3	Hexachlorobutadiene	ND	9.4	ND	0.88	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ro Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP-01-052207**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-003

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00025

Date Collected: 5/22/07
Date Received: 5/24/07
Date Analyzed: 6/5/07
Volume(s) Analyzed: 0.080 Liter(s)
0.025 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0
Can D.F. = 1.50

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00022

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.1 Pf 1 = 5.0

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	6.0	ND	3.5	
75-71-8	Dichlorodifluoromethane (CFC 12)	<7.6	6.0	<1.5	1.2	
74-87-3	Chloromethane	**8.3**	6.0	**4.0**	2.9	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	6.0	ND	0.86	
75-01-4	Vinyl Chloride	ND	6.0	ND	2.4	
106-99-0	1,3-Butadiene	ND	6.0	ND	2.7	
74-83-9	Bromomethane	ND	6.0	ND	1.6	
75-00-3	Chloroethane	ND	6.0	ND	2.3	
67-64-1	Acetone	ND	60	ND	25	
75-69-4	Trichlorofluoromethane	**13**	6.0	**2.3**	1.1	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	6.0	ND	2.5	
75-35-4	1,1-Dichloroethene	ND	6.0	ND	1.5	
75-09-2	Methylene chloride	ND	6.0	ND	1.7	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	6.0	ND	1.9	
76-13-1	Trichlorotrifluoroethane	**6.3**	6.0	**0.82**	0.79	
75-15-0	Carbon Disulfide	**<190**	6.0	**<60**	1.9	
156-60-5	trans-1,2-Dichloroethene	ND	6.0	ND	1.5	
75-34-3	1,1-Dichloroethane	ND	6.0	ND	1.5	
1634-04-4	Methyl tert-Butyl Ether	ND	6.0	ND	1.7	
108-05-4	Vinyl Acetate	ND	12	ND	3.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00022

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.1 Pf 1 = 5.0

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	12	ND	4.1	
156-59-2	cis-1,2-Dichloroethene	ND	6.0	ND	1.5	
141-78-6	Ethyl Acetate	ND	6.0	ND	1.7	
110-54-3	n-Hexane	ND	6.0	ND	1.7	
67-66-3	Chloroform	**620**	6.0	**130**	1.2	
109-99-9	Tetrahydrofuran (THF)	ND	6.0	ND	2.0	
107-06-2	1,2-Dichloroethane	ND	6.0	ND	1.5	
71-55-6	1,1,1-Trichloroethane	ND	6.0	ND	1.1	
71-43-2	Benzene	ND	6.0	ND	1.9	
56-23-5	Carbon Tetrachloride	ND	6.0	ND	0.96	
110-82-7	Cyclohexane	ND	6.0	ND	1.8	
78-87-5	1,2-Dichloropropane	ND	6.0	ND	1.3	
75-27-4	Bromodichloromethane	ND	6.0	ND	0.90	
79-01-6	Trichloroethene	**48**	6.0	**8.9**	1.1	
123-91-1	1,4-Dioxane	ND	6.0	ND	1.7	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	6.0	ND	1.3	
142-82-5	n-Heptane	ND	6.0	ND	1.5	
10061-01-5	cis-1,3-Dichloropropene	ND	6.0	ND	1.3	
108-10-1	4-Methyl-2-pentanone	ND	6.0	ND	1.5	
10061-02-6	trans-1,3-Dichloropropene	ND	6.0	ND	1.3	
79-00-5	1,1,2-Trichloroethane	ND	6.0	ND	1.1	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00022

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.12 Liter(s)

Pi 1 = -1.1 Pf 1 = 5.0

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	6.0	ND	1.6	
591-78-6	2-Hexanone	ND	6.0	ND	1.5	
124-48-1	Dibromochloromethane	ND	6.0	ND	0.71	
106-93-4	1,2-Dibromoethane	ND	6.0	ND	0.79	
127-18-4	Tetrachloroethene	**820**	6.0	**120**	0.89	
108-90-7	Chlorobenzene	ND	6.0	ND	1.3	
100-41-4	Ethylbenzene	ND	6.0	ND	1.4	
179601-23-1	*m,p*-Xylenes	**15**	12	**3.4**	2.8	
75-25-2	Bromoform	ND	6.0	ND	0.58	
100-42-5	Styrene	ND	6.0	ND	1.4	
95-47-6	o-Xylene	**6.5**	6.0	**1.5**	1.4	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.0	ND	0.88	
622-96-8	4-Ethyltoluene	ND	6.0	ND	1.2	
108-67-8	1,3,5-Trimethylbenzene	ND	6.0	ND	1.2	
95-63-6	1,2,4-Trimethylbenzene	ND	6.0	ND	1.2	
100-44-7	Benzyl Chloride	ND	6.0	ND	1.2	
541-73-1	1,3-Dichlorobenzene	ND	6.0	ND	1.0	
106-46-7	1,4-Dichlorobenzene	ND	6.0	ND	1.0	
95-50-1	1,2-Dichlorobenzene	ND	6.0	ND	1.0	
120-82-1	1,2,4-Trichlorobenzene	ND	6.0	ND	0.81	
87-68-3	Hexachlorobutadiene	ND	6.0	ND	0.57	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2** CAS Project ID: P2701543
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701543-004

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 5/22/07
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/24/07
Analyst: Liliana Marghitoiu Date Analyzed: 6/5/07
Sampling Media: Summa Canister Volume(s) Analyzed: 0.12 Liter(s)
Test Notes:
Container ID: CN00022

Pi 1 = -1.1 Pf 1 = 5.0
Can D.F. = 1.45

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: Rcc Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00011

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.2 Pf 1 = 5.0

Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	4.9	ND	2.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	<6.2 U	4.9	<1.3 U	0.98	
74-87-3	Chloromethane	ND	4.9	ND	2.4	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	4.9	ND	0.70	
75-01-4	Vinyl Chloride	ND	4.9	ND	1.9	
106-99-0	1,3-Butadiene	ND	4.9	ND	2.2	
74-83-9	Bromomethane	ND	4.9	ND	1.3	
75-00-3	Chloroethane	ND	4.9	ND	1.8	
67-64-1	Acetone	ND	49	ND	20	
75-69-4	Trichlorofluoromethane	11	4.9	1.9	0.87	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	4.9	ND	2.0	
75-35-4	1,1-Dichloroethene	ND	4.9	ND	1.2	
75-09-2	Methylene chloride	ND	4.9	ND	1.4	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	4.9	ND	1.6	
76-13-1	Trichlorotrifluoroethane	8.2	4.9	1.1	0.64	
75-15-0	Carbon Disulfide	<16 U	4.9	<5.1 U	1.6	
156-60-5	trans-1,2-Dichloroethene	ND	4.9	ND	1.2	
75-34-3	1,1-Dichloroethane	ND	4.9	ND	1.2	
1634-04-4	Methyl tert-Butyl Ether	ND	4.9	ND	1.4	
108-05-4	Vinyl Acetate	ND	9.7	ND	2.8	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00011

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.2 Pf 1 = 5.0
Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	9.7	ND	3.3	
156-59-2	cis-1,2-Dichloroethene	ND	4.9	ND	1.2	
141-78-6	Ethyl Acetate	ND	4.9	ND	1.4	
110-54-3	n-Hexane	ND	4.9	ND	1.4	
67-66-3	Chloroform	6.5	4.9	1.3	1.0	
109-99-9	Tetrahydrofuran (THF)	ND	4.9	ND	1.7	
107-06-2	1,2-Dichloroethane	ND	4.9	ND	1.2	
71-55-6	1,1,1-Trichloroethane	ND	4.9	ND	0.89	
71-43-2	Benzene	ND	4.9	ND	1.5	
56-23-5	Carbon Tetrachloride	ND	4.9	ND	0.77	
110-82-7	Cyclohexane	ND	4.9	ND	1.4	
78-87-5	1,2-Dichloropropane	ND	4.9	ND	1.1	
75-27-4	Bromodichloromethane	ND	4.9	ND	0.73	
79-01-6	Trichloroethene	ND	4.9	ND	0.91	
123-91-1	1,4-Dioxane	ND	4.9	ND	1.4	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	4.9	ND	1.0	
142-82-5	n-Heptane	ND	4.9	ND	1.2	
10061-01-5	cis-1,3-Dichloropropene	ND	4.9	ND	1.1	
108-10-1	4-Methyl-2-pentanone	ND	4.9	ND	1.2	
10061-02-6	trans-1,3-Dichloropropene	ND	4.9	ND	1.1	
79-00-5	1,1,2-Trichloroethane	ND	4.9	ND	0.89	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00011

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -1.2 Pf 1 = 5.0
Can D.F. = 1.46

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	4.9	ND	1.3	
591-78-6	2-Hexanone	ND	4.9	ND	1.2	
124-48-1	Dibromochloromethane	ND	4.9	ND	0.57	
106-93-4	1,2-Dibromoethane	ND	4.9	ND	0.63	
127-18-4	Tetrachloroethene	**840**	4.9	**120**	0.72	
108-90-7	Chlorobenzene	ND	4.9	ND	1.1	
100-41-4	Ethylbenzene	ND	4.9	ND	1.1	
179601-23-1	*m,p*-Xylenes	ND	9.7	ND	2.2	
75-25-2	Bromoform	ND	4.9	ND	0.47	
100-42-5	Styrene	ND	4.9	ND	1.1	
95-47-6	o-Xylene	ND	4.9	ND	1.1	
79-34-5	1,1,2,2-Tetrachloroethane	ND	4.9	ND	0.71	
622-96-8	4-Ethyltoluene	ND	4.9	ND	0.99	
108-67-8	1,3,5-Trimethylbenzene	ND	4.9	ND	0.99	
95-63-6	1,2,4-Trimethylbenzene	ND	4.9	ND	0.99	
100-44-7	Benzyl Chloride	ND	4.9	ND	0.94	
541-73-1	1,3-Dichlorobenzene	ND	4.9	ND	0.81	
106-46-7	1,4-Dichlorobenzene	ND	4.9	ND	0.81	
95-50-1	1,2-Dichlorobenzene	ND	4.9	ND	0.81	
120-82-1	1,2,4-Trichlorobenzene	ND	4.9	ND	0.66	
87-68-3	Hexachlorobutadiene	ND	4.9	ND	0.46	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2** CAS Project ID: P2701543
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701543-005

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 5/22/07
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/24/07
Analyst: Liliana Marghitoiu Date Analyzed: 6/5/07
Sampling Media: Summa Canister Volume(s) Analyzed: 0.15 Liter(s)
Test Notes:
Container ID: CN00011

Pi 1 = -1.2 Pf 1 = 5.0
Can D.F. = 1.46

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
4.08	1,1-Difluoroethane	70	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00009

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -2.2 Pf 1 = 5.0

Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	5.3	ND	3.1	
75-71-8	Dichlorodifluoromethane (CFC 12)	<6.3 U	5.3	<1.3 U	1.1	
74-87-3	Chloromethane	**5.3**	5.3	**2.6**	2.6	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	5.3	ND	0.75	
75-01-4	Vinyl Chloride	ND	5.3	ND	2.1	
106-99-0	1,3-Butadiene	ND	5.3	ND	2.4	
74-83-9	Bromomethane	ND	5.3	ND	1.4	
75-00-3	Chloroethane	ND	5.3	ND	2.0	
67-64-1	Acetone	ND	53	ND	22	
75-69-4	Trichlorofluoromethane	**12**	5.3	**2.1**	0.94	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	5.3	ND	2.1	
75-35-4	1,1-Dichloroethene	ND	5.3	ND	1.3	
75-09-2	Methylene chloride	ND	5.3	ND	1.5	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	5.3	ND	1.7	
76-13-1	Trichlorotrifluoroethane	**5.3**	5.3	**0.69**	0.69	
75-15-0	Carbon Disulfide	<150 U	5.3	<49 U	1.7	
156-60-5	trans-1,2-Dichloroethene	ND	5.3	ND	1.3	
75-34-3	1,1-Dichloroethane	ND	5.3	ND	1.3	
1634-04-4	Methyl tert-Butyl Ether	ND	5.3	ND	1.5	
108-05-4	Vinyl Acetate	ND	11	ND	3.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00009

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -2.2 Pf 1 = 5.0
Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	11	ND	3.6	
156-59-2	cis-1,2-Dichloroethene	ND	5.3	ND	1.3	
141-78-6	Ethyl Acetate	ND	5.3	ND	1.5	
110-54-3	n-Hexane	ND	5.3	ND	1.5	
67-66-3	Chloroform	**260**	5.3	**52**	1.1	
109-99-9	Tetrahydrofuran (THF)	ND	5.3	ND	1.8	
107-06-2	1,2-Dichloroethane	ND	5.3	ND	1.3	
71-55-6	1,1,1-Trichloroethane	ND	5.3	ND	0.97	
71-43-2	Benzene	ND	5.3	ND	1.6	
56-23-5	Carbon Tetrachloride	ND	5.3	ND	0.84	
110-82-7	Cyclohexane	ND	5.3	ND	1.5	
78-87-5	1,2-Dichloropropane	ND	5.3	ND	1.1	
75-27-4	Bromodichloromethane	**6.2**	5.3	**0.92**	0.79	
79-01-6	Trichloroethene	**29**	5.3	**5.4**	0.98	
123-91-1	1,4-Dioxane	ND	5.3	ND	1.5	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	5.3	ND	1.1	
142-82-5	n-Heptane	ND	5.3	ND	1.3	
10061-01-5	cis-1,3-Dichloropropene	ND	5.3	ND	1.2	
108-10-1	4-Methyl-2-pentanone	ND	5.3	ND	1.3	
10061-02-6	trans-1,3-Dichloropropene	ND	5.3	ND	1.2	
79-00-5	1,1,2-Trichloroethane	ND	5.3	ND	0.97	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00009

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -2.2 Pf 1 = 5.0

Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	5.3	ND	1.4	
591-78-6	2-Hexanone	ND	5.3	ND	1.3	
124-48-1	Dibromochloromethane	ND	5.3	ND	0.62	
106-93-4	1,2-Dibromoethane	ND	5.3	ND	0.69	
127-18-4	Tetrachloroethene	**750**	5.3	**110**	0.78	
108-90-7	Chlorobenzene	ND	5.3	ND	1.1	
100-41-4	Ethylbenzene	ND	5.3	ND	1.2	
179601-23-1	*m,p*-Xylenes	**13**	11	**3.0**	2.4	
75-25-2	Bromoform	ND	5.3	ND	0.51	
100-42-5	Styrene	ND	5.3	ND	1.2	
95-47-6	o-Xylene	**5.5**	5.3	1.3	1.2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.3	ND	0.77	
622-96-8	4-Ethyltoluene	ND	5.3	ND	1.1	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	ND	1.1	
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	ND	1.1	
100-44-7	Benzyl Chloride	ND	5.3	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	5.3	ND	0.88	
106-46-7	1,4-Dichlorobenzene	ND	5.3	ND	0.88	
95-50-1	1,2-Dichlorobenzene	ND	5.3	ND	0.88	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ND	0.71	
87-68-3	Hexachlorobutadiene	ND	5.3	ND	0.49	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-006

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00009

Date Collected: 5/22/07
Date Received: 5/24/07
Date Analyzed: 6/5/07
Volume(s) Analyzed: 0.15 Liter(s)

Pi 1 = -2.2 Pf 1 = 5.0
Can D.F. = 1.58

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
4.09	1,1-Difluoroethane	50	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: R.C. Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00028

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.1 Pf 1 = 5.2

Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	7.9	ND	4.6	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	7.9	ND	1.6	
74-87-3	Chloromethane	ND	7.9	ND	3.8	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	7.9	ND	1.1	
75-01-4	Vinyl Chloride	ND	7.9	ND	3.1	
106-99-0	1,3-Butadiene	ND	7.9	ND	3.6	
74-83-9	Bromomethane	ND	7.9	ND	2.0	
75-00-3	Chloroethane	ND	7.9	ND	3.0	
67-64-1	Acetone	ND	79	ND	33	
75-69-4	Trichlorofluoromethane	ND	7.9	ND	1.4	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	7.9	ND	3.2	
75-35-4	1,1-Dichloroethene	ND	7.9	ND	2.0	
75-09-2	Methylene chloride	ND	7.9	ND	2.3	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	7.9	ND	2.5	
76-13-1	Trichlorotrifluoroethane	**12**	7.9	**1.6**	1.0	
75-15-0	Carbon Disulfide	**< 81** BL	7.9	**< 26** u	2.5	
156-60-5	trans-1,2-Dichloroethene	ND	7.9	ND	2.0	
75-34-3	1,1-Dichloroethane	ND	7.9	ND	2.0	
1634-04-4	Methyl tert-Butyl Ether	ND	7.9	ND	2.2	
108-05-4	Vinyl Acetate	ND	16	ND	4.5	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Ko Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00028

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.1 Pf 1 = 5.2
Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	16	ND	5.4	
156-59-2	cis-1,2-Dichloroethene	ND	7.9	ND	2.0	
141-78-6	Ethyl Acetate	ND	7.9	ND	2.2	
110-54-3	n-Hexane	ND	7.9	ND	2.2	
67-66-3	Chloroform	ND	7.9	ND	1.6	
109-99-9	Tetrahydrofuran (THF)	ND	7.9	ND	2.7	
107-06-2	1,2-Dichloroethane	ND	7.9	ND	2.0	
71-55-6	1,1,1-Trichloroethane	ND	7.9	ND	1.4	
71-43-2	Benzene	ND	7.9	ND	2.5	
56-23-5	Carbon Tetrachloride	ND	7.9	ND	1.3	
110-82-7	Cyclohexane	ND	7.9	ND	2.3	
78-87-5	1,2-Dichloropropane	ND	7.9	ND	1.7	
75-27-4	Bromodichloromethane	ND	7.9	ND	1.2	
79-01-6	Trichloroethene	**12**	7.9	**2.2**	1.5	
123-91-1	1,4-Dioxane	ND	7.9	ND	2.2	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	7.9	ND	1.7	
142-82-5	n-Heptane	ND	7.9	ND	1.9	
10061-01-5	cis-1,3-Dichloropropene	ND	7.9	ND	1.7	
108-10-1	4-Methyl-2-pentanone	ND	7.9	ND	1.9	
10061-02-6	trans-1,3-Dichloropropene	ND	7.9	ND	1.7	
79-00-5	1,1,2-Trichloroethane	ND	7.9	ND	1.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rc Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00028

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.10 Liter(s)

Pi 1 = -2.1 Pf 1 = 5.2
Can D.F. = 1.58

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	7.9	ND	2.1	
591-78-6	2-Hexanone	ND	7.9	ND	1.9	
124-48-1	Dibromochloromethane	ND	7.9	ND	0.93	
106-93-4	1,2-Dibromoethane	ND	7.9	ND	1.0	
127-18-4	Tetrachloroethene	1,100	7.9	160	1.2	
108-90-7	Chlorobenzene	ND	7.9	ND	1.7	
100-41-4	Ethylbenzene	ND	7.9	ND	1.8	
179601-23-1	*m,p*-Xylenes	ND	16	ND	3.6	
75-25-2	Bromoform	ND	7.9	ND	0.76	
100-42-5	Styrene	ND	7.9	ND	1.9	
95-47-6	o-Xylene	ND	7.9	ND	1.8	
79-34-5	1,1,2,2-Tetrachloroethane	ND	7.9	ND	1.2	
622-96-8	4-Ethyltoluene	ND	7.9	ND	1.6	
108-67-8	1,3,5-Trimethylbenzene	ND	7.9	ND	1.6	
95-63-6	1,2,4-Trimethylbenzene	ND	7.9	ND	1.6	
100-44-7	Benzyl Chloride	ND	7.9	ND	1.5	
541-73-1	1,3-Dichlorobenzene	ND	7.9	ND	1.3	
106-46-7	1,4-Dichlorobenzene	ND	7.9	ND	1.3	
95-50-1	1,2-Dichlorobenzene	ND	7.9	ND	1.3	
120-82-1	1,2,4-Trichlorobenzene	ND	7.9	ND	1.1	
87-68-3	Hexachlorobutadiene	ND	7.9	ND	0.74	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3** CAS Project ID: P2701543
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701543-007

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 5/22/07
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/24/07
Analyst: Liliana Marghitoiu Date Analyzed: 6/5/07
Sampling Media: Summa Canister Volume(s) Analyzed: 0.10 Liter(s)
Test Notes:
Container ID: CN00028

Pi I = -2.1 Pf I = 5.2
Can D.F. = 1.58

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
4.09	1,1-Difluoroethane	900	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: Ro Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00001

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.015 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	50	ND	29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	50	ND	10	
74-87-3	Chloromethane	ND	50	ND	24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	50	ND	7.2	
75-01-4	Vinyl Chloride	ND	50	ND	20	
106-99-0	1,3-Butadiene	ND	50	ND	23	
74-83-9	Bromomethane	ND	50	ND	13	
75-00-3	Chloroethane	ND	50	ND	19	
67-64-1	Acetone	ND	500	ND	210	
75-69-4	Trichlorofluoromethane	ND	50	ND	8.9	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	50	ND	20	
75-35-4	1,1-Dichloroethene	ND	50	ND	13	
75-09-2	Methylene chloride	ND	50	ND	14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	50	ND	16	
76-13-1	Trichlorotrifluoroethane	ND	50	ND	6.5	
75-15-0	Carbon Disulfide	ND	50	ND	16	
156-60-5	trans-1,2-Dichloroethene	ND	50	ND	13	
75-34-3	1,1-Dichloroethane	ND	50	ND	12	
1634-04-4	Methyl tert-Butyl Ether	ND	50	ND	14	
108-05-4	Vinyl Acetate	ND	100	ND	28	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00001

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.015 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0

Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	100	ND	34	
156-59-2	cis-1,2-Dichloroethene	ND	50	ND	13	
141-78-6	Ethyl Acetate	ND	50	ND	14	
110-54-3	n-Hexane	ND	50	ND	14	
67-66-3	Chloroform	ND	50	ND	10	
109-99-9	Tetrahydrofuran (THF)	ND	50	ND	17	
107-06-2	1,2-Dichloroethane	ND	50	ND	12	
71-55-6	1,1,1-Trichloroethane	ND	50	ND	9.2	
71-43-2	Benzene	ND	50	ND	16	
56-23-5	Carbon Tetrachloride	ND	50	ND	8.0	
110-82-7	Cyclohexane	ND	50	ND	15	
78-87-5	1,2-Dichloropropane	ND	50	ND	11	
75-27-4	Bromodichloromethane	ND	50	ND	7.5	
79-01-6	Trichloroethene	ND	50	ND	9.3	
123-91-1	1,4-Dioxane	ND	50	ND	14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	50	ND	11	
142-82-5	n-Heptane	ND	50	ND	12	
10061-01-5	cis-1,3-Dichloropropene	ND	50	ND	11	
108-10-1	4-Methyl-2-pentanone	ND	50	ND	12	
10061-02-6	trans-1,3-Dichloropropene	ND	50	ND	11	
79-00-5	1,1,2-Trichloroethane	ND	50	ND	9.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC. Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00001

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.015 Liter(s)

Pi 1 = -1.6 Pf 1 = 5.0
Can D.F. = 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	50	ND	13	
591-78-6	2-Hexanone	ND	50	ND	12	
124-48-1	Dibromochloromethane	ND	50	ND	5.9	
106-93-4	1,2-Dibromoethane	ND	50	ND	6.5	
127-18-4	Tetrachloroethene	**7,500**	50	**1,100**	7.4	
108-90-7	Chlorobenzene	ND	50	ND	11	
100-41-4	Ethylbenzene	ND	50	ND	12	
179601-23-1	*m,p*-Xylenes	ND	100	ND	23	
75-25-2	Bromoform	ND	50	ND	4.8	
100-42-5	Styrene	ND	50	ND	12	
95-47-6	o-Xylene	ND	50	ND	12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	50	ND	7.3	
622-96-8	4-Ethyltoluene	ND	50	ND	10	
108-67-8	1,3,5-Trimethylbenzene	ND	50	ND	10	
95-63-6	1,2,4-Trimethylbenzene	ND	50	ND	10	
100-44-7	Benzyl Chloride	ND	50	ND	9.7	
541-73-1	1,3-Dichlorobenzene	ND	50	ND	8.3	
106-46-7	1,4-Dichlorobenzene	ND	50	ND	8.3	
95-50-1	1,2-Dichlorobenzene	ND	50	ND	8.3	
120-82-1	1,2,4-Trichlorobenzene	ND	50	ND	6.7	
87-68-3	Hexachlorobutadiene	ND	50	ND	4.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/5/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4** CAS Project ID: P2701543
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701543-008

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 5/22/07
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/24/07
Analyst: Liliana Marghitoiu Date Analyzed: 6/5/07
Sampling Media: Summa Canister Volume(s) Analyzed: 0.015 Liter(s)
Test Notes:
Container ID: CN00001

Pi 1 = -1.6 Pf 1 = 5.0
Can D.F. = 1.50

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
4.10	1,1-Difluoroethane	400	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **FB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00032

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	3.3	1.5	1.9	0.84	M
75-71-8	Dichlorodifluoromethane (CFC 12)	2.2	1.5	0.45	0.29	
74-87-3	Chloromethane	ND	1.5	ND	0.70	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1.5	ND	0.21	
75-01-4	Vinyl Chloride	ND	1.5	ND	0.57	
106-99-0	1,3-Butadiene	ND	1.5	ND	0.66	
74-83-9	Bromomethane	ND	1.5	ND	0.37	
75-00-3	Chloroethane	ND	1.5	ND	0.55	
67-64-1	Acetone	59	15	25	6.1	M
75-69-4	Trichlorofluoromethane	ND	1.5	ND	0.26	
67-63-0	2-Propanol (Isopropyl Alcohol)	8.7	1.5	3.5	0.59	
75-35-4	1,1-Dichloroethene	ND	1.5	ND	0.37	
75-09-2	Methylene chloride	ND	1.5	ND	0.42	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1.5	ND	0.46	
76-13-1	Trichlorotrifluoroethane	ND	1.5	ND	0.19	
75-15-0	Carbon Disulfide	180	1.5	56	0.47	
156-60-5	trans-1,2-Dichloroethene	ND	1.5	ND	0.37	
75-34-3	1,1-Dichloroethane	ND	1.5	ND	0.36	
1634-04-4	Methyl tert-Butyl Ether	ND	1.5	ND	0.40	
108-05-4	Vinyl Acetate	ND	2.9	ND	0.82	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **FB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00032

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1

Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**15**	2.9	**5.0**	0.98	
156-59-2	cis-1,2-Dichloroethene	ND	1.5	ND	0.37	
141-78-6	Ethyl Acetate	ND	1.5	ND	0.40	
110-54-3	n-Hexane	ND	1.5	ND	0.41	
67-66-3	Chloroform	ND	1.5	ND	0.30	
109-99-9	Tetrahydrofuran (THF)	ND	1.5	ND	0.49	
107-06-2	1,2-Dichloroethane	ND	1.5	ND	0.36	
71-55-6	1,1,1-Trichloroethane	ND	1.5	ND	0.27	
71-43-2	Benzene	ND	1.5	ND	0.45	
56-23-5	Carbon Tetrachloride	ND	1.5	ND	0.23	
110-82-7	Cyclohexane	ND	1.5	ND	0.42	
78-87-5	1,2-Dichloropropane	ND	1.5	ND	0.31	
75-27-4	Bromodichloromethane	ND	1.5	ND	0.22	
79-01-6	Trichloroethene	ND	1.5	ND	0.27	
123-91-1	1,4-Dioxane	ND	1.5	ND	0.40	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	1.5	ND	0.31	
142-82-5	n-Heptane	ND	1.5	ND	0.35	
10061-01-5	cis-1,3-Dichloropropene	ND	1.5	ND	0.32	
108-10-1	4-Methyl-2-pentanone	ND	1.5	ND	0.35	
10061-02-6	trans-1,3-Dichloropropene	ND	1.5	ND	0.32	
79-00-5	1,1,2-Trichloroethane	ND	1.5	ND	0.27	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **FB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00032

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

Pi 1 = -1.0 Pf 1 = 5.1
Can D.F. = 1.45

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	**2.3**	1.5	**0.60**	0.38	
591-78-6	2-Hexanone	**3.7**	1.5	**0.91**	0.35	
124-48-1	Dibromochloromethane	ND	1.5	ND	0.17	
106-93-4	1,2-Dibromoethane	ND	1.5	ND	0.19	
127-18-4	Tetrachloroethene	ND	1.5	ND	0.21	
108-90-7	Chlorobenzene	ND	1.5	ND	0.31	
100-41-4	Ethylbenzene	ND	1.5	ND	0.33	
179601-23-1	*m,p*-Xylenes	ND	2.9	ND	0.67	
75-25-2	Bromoform	ND	1.5	ND	0.14	
100-42-5	Styrene	ND	1.5	ND	0.34	
95-47-6	o-Xylene	ND	1.5	ND	0.33	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.5	ND	0.21	
622-96-8	4-Ethyltoluene	ND	1.5	ND	0.30	
108-67-8	1,3,5-Trimethylbenzene	ND	1.5	ND	0.30	
95-63-6	1,2,4-Trimethylbenzene	ND	1.5	ND	0.30	
100-44-7	Benzyl Chloride	ND	1.5	ND	0.28	
541-73-1	1,3-Dichlorobenzene	ND	1.5	ND	0.24	
106-46-7	1,4-Dichlorobenzene	ND	1.5	ND	0.24	
95-50-1	1,2-Dichlorobenzene	ND	1.5	ND	0.24	
120-82-1	1,2,4-Trichlorobenzene	ND	1.5	ND	0.20	
87-68-3	Hexachlorobutadiene	ND	1.5	ND	0.14	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **FB-02** CAS Project ID: P2701543
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701543-009

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 5/22/07
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/24/07
Analyst: Liliana Marghitoiu Date Analyzed: 6/5/07
Sampling Media: Summa Canister Volume(s) Analyzed: 0.50 Liter(s)
Test Notes:
Container ID: CN00032

Pi 1 = -1.0 Pf 1 = 5.1
Can D.F. = 1.45

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00020

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1.0	ND	0.58	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1.0	ND	0.20	
74-87-3	Chloromethane	ND	1.0	ND	0.48	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1.0	ND	0.14	
75-01-4	Vinyl Chloride	ND	1.0	ND	0.39	
106-99-0	1,3-Butadiene	ND	1.0	ND	0.45	
74-83-9	Bromomethane	ND	1.0	ND	0.26	
75-00-3	Chloroethane	ND	1.0	ND	0.38	
67-64-1	Acetone	ND	10	ND	4.2	
75-69-4	Trichlorofluoromethane	ND	1.0	ND	0.18	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.0	ND	0.41	
75-35-4	1,1-Dichloroethene	ND	1.0	ND	0.25	
75-09-2	Methylene chloride	ND	1.0	ND	0.29	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1.0	ND	0.32	
76-13-1	Trichlorotrifluoroethane	ND	1.0	ND	0.13	
75-15-0	Carbon Disulfide	ND	1.0	ND	0.32	
156-60-5	trans-1,2-Dichloroethene	ND	1.0	ND	0.25	
75-34-3	1,1-Dichloroethane	ND	1.0	ND	0.25	
1634-04-4	Methyl tert-Butyl Ether	ND	1.0	ND	0.28	
108-05-4	Vinyl Acetate	ND	2.0	ND	0.57	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.L. Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00020

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	2.0	ND	0.68	
156-59-2	cis-1,2-Dichloroethene	ND	1.0	ND	0.25	
141-78-6	Ethyl Acetate	ND	1.0	ND	0.28	
110-54-3	n-Hexane	ND	1.0	ND	0.28	
67-66-3	Chloroform	ND	1.0	ND	0.20	
109-99-9	Tetrahydrofuran (THF)	ND	1.0	ND	0.34	
107-06-2	1,2-Dichloroethane	ND	1.0	ND	0.25	
71-55-6	1,1,1-Trichloroethane	ND	1.0	ND	0.18	
71-43-2	Benzene	ND	1.0	ND	0.31	
56-23-5	Carbon Tetrachloride	ND	1.0	ND	0.16	
110-82-7	Cyclohexane	ND	1.0	ND	0.29	
78-87-5	1,2-Dichloropropane	ND	1.0	ND	0.22	
75-27-4	Bromodichloromethane	ND	1.0	ND	0.15	
79-01-6	Trichloroethene	ND	1.0	ND	0.19	
123-91-1	1,4-Dioxane	ND	1.0	ND	0.28	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	1.0	ND	0.21	
142-82-5	n-Heptane	ND	1.0	ND	0.24	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	ND	0.22	
108-10-1	4-Methyl-2-pentanone	ND	1.0	ND	0.24	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	ND	0.22	
79-00-5	1,1,2-Trichloroethane	ND	1.0	ND	0.18	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Rw Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00020

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	1.0	ND	0.27	
591-78-6	2-Hexanone	ND	1.0	ND	0.24	
124-48-1	Dibromochloromethane	ND	1.0	ND	0.12	
106-93-4	1,2-Dibromoethane	ND	1.0	ND	0.13	
127-18-4	Tetrachloroethene	ND	1.0	ND	0.15	
108-90-7	Chlorobenzene	ND	1.0	ND	0.22	
100-41-4	Ethylbenzene	ND	1.0	ND	0.23	
179601-23-1	*m,p*-Xylenes	ND	2.0	ND	0.46	
75-25-2	Bromoform	ND	1.0	ND	0.097	
100-42-5	Styrene	ND	1.0	ND	0.23	
95-47-6	o-Xylene	ND	1.0	ND	0.23	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	ND	0.15	
622-96-8	4-Ethyltoluene	ND	1.0	ND	0.20	
108-67-8	1,3,5-Trimethylbenzene	ND	1.0	ND	0.20	
95-63-6	1,2,4-Trimethylbenzene	ND	1.0	ND	0.20	
100-44-7	Benzyl Chloride	ND	1.0	ND	0.19	
541-73-1	1,3-Dichlorobenzene	ND	1.0	ND	0.17	
106-46-7	1,4-Dichlorobenzene	ND	1.0	ND	0.17	
95-50-1	1,2-Dichlorobenzene	ND	1.0	ND	0.17	
120-82-1	1,2,4-Trichlorobenzene	ND	1.0	ND	0.13	
87-68-3	Hexachlorobutadiene	ND	1.0	ND	0.094	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB-02**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-010

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00020

Date Collected: 5/22/07
Date Received: 5/24/07
Date Analyzed: 6/5/07
Volume(s) Analyzed: 0.50 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: Rc Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00033

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.2 Pf 1 = 5.1

Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	15	ND	8.5	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	15	ND	3.0	
74-87-3	Chloromethane	ND	15	ND	7.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	15	ND	2.1	
75-01-4	Vinyl Chloride	ND	15	ND	5.8	
106-99-0	1,3-Butadiene	ND	15	ND	6.6	
74-83-9	Bromomethane	ND	15	ND	3.8	
75-00-3	Chloroethane	ND	15	ND	5.6	
67-64-1	Acetone	ND	150	ND	62	
75-69-4	Trichlorofluoromethane	ND	15	ND	2.6	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	15	ND	6.0	
75-35-4	1,1-Dichloroethene	ND	15	ND	3.7	
75-09-2	Methylene chloride	ND	15	ND	4.2	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	15	ND	4.7	
76-13-1	Trichlorotrifluoroethane	19	15	2.4	1.9	
75-15-0	Carbon Disulfide	ND	15	ND	4.7	
156-60-5	trans-1,2-Dichloroethene	ND	15	ND	3.7	
75-34-3	1,1-Dichloroethane	ND	15	ND	3.6	
1634-04-4	Methyl tert-Butyl Ether	ND	15	ND	4.1	
108-05-4	Vinyl Acetate	ND	29	ND	8.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00033

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.2 Pf 1 = 5.1

Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	29	ND	10	
156-59-2	cis-1,2-Dichloroethene	ND	15	ND	3.7	
141-78-6	Ethyl Acetate	ND	15	ND	4.1	
110-54-3	n-Hexane	ND	15	ND	4.2	
67-66-3	Chloroform	ND	15	ND	3.0	
109-99-9	Tetrahydrofuran (THF)	ND	15	ND	5.0	
107-06-2	1,2-Dichloroethane	ND	15	ND	3.6	
71-55-6	1,1,1-Trichloroethane	ND	15	ND	2.7	
71-43-2	Benzene	ND	15	ND	4.6	
56-23-5	Carbon Tetrachloride	ND	15	ND	2.3	
110-82-7	Cyclohexane	ND	15	ND	4.3	
78-87-5	1,2-Dichloropropane	ND	15	ND	3.2	
75-27-4	Bromodichloromethane	ND	15	ND	2.2	
79-01-6	Trichloroethene	**36**	15	**6.7**	2.7	
123-91-1	1,4-Dioxane	ND	15	ND	4.1	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	15	ND	3.1	
142-82-5	n-Heptane	ND	15	ND	3.6	
10061-01-5	cis-1,3-Dichloropropene	ND	15	ND	3.2	
108-10-1	4-Methyl-2-pentanone	ND	15	ND	3.6	
10061-02-6	trans-1,3-Dichloropropene	ND	15	ND	3.2	
79-00-5	1,1,2-Trichloroethane	ND	15	ND	2.7	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P2701543-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:
Container ID: CN00033

Date Collected: 5/22/07
Date Received: 5/24/07
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 0.050 Liter(s)

Pi 1 = -1.2 Pf 1 = 5.1
Can D.F. = 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	**150**	15	**40**	3.9	
591-78-6	2-Hexanone	ND	15	ND	3.6	
124-48-1	Dibromochloromethane	ND	15	ND	1.7	
106-93-4	1,2-Dibromoethane	ND	15	ND	1.9	
127-18-4	Tetrachloroethene	**2,200**	15	**330**	2.2	
108-90-7	Chlorobenzene	ND	15	ND	3.2	
100-41-4	Ethylbenzene	ND	15	ND	3.4	
179601-23-1	*m,p*-Xylenes	ND	29	ND	6.8	
75-25-2	Bromoform	ND	15	ND	1.4	
100-42-5	Styrene	ND	15	ND	3.5	
95-47-6	o-Xylene	ND	15	ND	3.4	
79-34-5	1,1,2,2-Tetrachloroethane	ND	15	ND	2.1	
622-96-8	4-Ethyltoluene	ND	15	ND	3.0	
108-67-8	1,3,5-Trimethylbenzene	ND	15	ND	3.0	
95-63-6	1,2,4-Trimethylbenzene	ND	15	ND	3.0	
100-44-7	Benzyl Chloride	ND	15	ND	2.8	
541-73-1	1,3-Dichlorobenzene	ND	15	ND	2.4	
106-46-7	1,4-Dichlorobenzene	ND	15	ND	2.4	
95-50-1	1,2-Dichlorobenzene	ND	15	ND	2.4	
120-82-1	1,2,4-Trichlorobenzene	ND	15	ND	2.0	
87-68-3	Hexachlorobutadiene	ND	15	ND	1.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

01543VOA.REI - Sample (11)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4** CAS Project ID: P2701543
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701543-011

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 5/22/07
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 5/24/07
Analyst: Liliana Marghitoiu Date Analyzed: 6/4/07
Sampling Media: Summa Canister Volume(s) Analyzed: 0.050 Liter(s)
Test Notes:
Container ID: CN00033

Pi 1 = -1.2 Pf 1 = 5.1
Can D.F. = 1.47

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
4.09	1,1-Difluoroethane	5,000	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: Rc Date: 6/8/07

01543VOA.RE1 - TIC (11)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RG Date: 6/8/07

01543VOA.RE1 - MBlank

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	0.50	ND	0.11	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: Re Date: 6/8/07

01543VOA.RE1 - MBlank

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/4/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.C. Date: 6/8/07

01543VOA.REI - MBlank

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-MB

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/4/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: Ker Date: 6/8/07

01543VOA.REI - MBlank TIC

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070605-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: R.c. Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070605-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	0.50	ND	0.11	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070605-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 6/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070605-MB

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	1,1-Difluoroethane	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701543

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 5/22/07
Date Received: 5/24/07
Date Analyzed: 6/4 - 6/5/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070604-MB	94	70-130	100	70-130	96	70-130	
Method Blank	P070605-MB	97	70-130	99	70-130	93	70-130	
Lab Control Sample	P070604-LCS	92	70-130	103	70-130	99	70-130	
Lab Control Sample	P070605-LCS	95	70-130	101	70-130	98	70-130	
Duplicate Lab Control Sample	P070604-DLCS	93	70-130	102	70-130	100	70-130	
Duplicate Lab Control Sample	P070605-DLCS	94	70-130	101	70-130	99	70-130	
SVMW1-1	P2701543-001	95	70-130	96	70-130	97	70-130	
SVMW2-1	P2701543-002	95	70-130	96	70-130	97	70-130	
DUP-01-052207	P2701543-003	103	70-130	96	70-130	92	70-130	
SVMW1-2	P2701543-004	105	70-130	95	70-130	92	70-130	
SVMW2-2	P2701543-005	103	70-130	95	70-130	94	70-130	
SVMW1-3	P2701543-006	103	70-130	95	70-130	93	70-130	
SVMW2-3	P2701543-007	102	70-130	95	70-130	94	70-130	
SVMW1-4	P2701543-008	100	70-130	96	70-130	93	70-130	
FB-02	P2701543-009	93	70-130	98	70-130	97	70-130	
EB-02	P2701543-010	94	70-130	100	70-130	98	70-130	
SVMW2-4	P2701543-011	95	70-130	98	70-130	95	70-130	

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-LCS, P070604-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/4/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Propene	25.8	19.7	22.7	76	88	70-130	15	25	
Dichlorodifluoromethane (CFC 12)	25.5	20.1	21.6	79	85	70-130	7	25	
Chloromethane	24.3	19.8	19.7	81	81	70-130	0	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	21.4	22.4	84	88	70-130	5	25	
Vinyl Chloride	24.8	21.9	23.6	88	95	70-130	8	25	
1,3-Butadiene	26.0	23.2	23.2	89	89	70-130	0	25	
Bromomethane	25.0	19.4	20.7	78	83	70-130	6	25	
Chloroethane	25.0	20.8	22.7	83	91	70-130	9	25	
Acetone	26.5	24.7	26.4	93	100	70-130	7	25	
Trichlorofluoromethane	24.3	20.3	22.3	84	92	70-130	9	25	
2-Propanol (Isopropyl Alcohol)	24.5	19.9	20.0	81	82	70-130	1	25	
1,1-Dichloroethene	27.3	23.7	27.3	87	100	70-130	14	25	
Methylene chloride	26.8	20.7	23.0	77	86	70-130	11	25	
3-Chloro-1-propene (Allyl Chloride)	26.0	22.6	25.0	87	96	70-130	10	25	
Trichlorotrifluoroethane	27.0	23.0	24.2	85	90	70-130	6	25	
Carbon Disulfide	25.0	21.4	23.8	86	95	70-130	10	25	
trans-1,2-Dichloroethene	26.3	23.1	25.5	88	97	70-130	10	25	
1,1-Dichloroethane	26.3	21.4	23.5	81	89	70-130	9	25	
Methyl tert-Butyl Ether	26.3	22.9	22.7	87	86	70-130	1	25	
Vinyl Acetate	24.3	18.2	17.9	75	74	70-130	1	25	

Verified By: Re Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-LCS, P070604-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/4/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
2-Butanone (MEK)	26.8	24.9	25.6	93	96	70-130	3	25	
cis-1,2-Dichloroethene	26.5	22.5	25.0	85	94	70-130	10	25	
Ethyl Acetate	29.8	27.2	29.5	91	99	70-130	8	25	
n-Hexane	26.8	22.0	23.9	82	89	70-130	8	25	
Chloroform	30.0	24.0	26.6	80	89	70-130	11	25	
Tetrahydrofuran (THF)	26.5	24.0	24.8	91	94	70-130	3	25	
1,2-Dichloroethane	26.0	22.2	24.8	85	95	70-130	11	25	
1,1,1-Trichloroethane	26.3	23.6	23.8	90	90	70-130	0	25	
Benzene	26.3	22.0	23.9	84	91	70-130	8	25	
Carbon Tetrachloride	25.8	24.8	25.4	96	98	70-130	2	25	
Cyclohexane	26.5	21.9	23.1	83	87	70-130	5	25	
1,2-Dichloropropane	26.0	23.6	25.0	91	96	70-130	5	25	
Bromodichloromethane	27.5	26.0	28.0	95	102	70-130	7	25	
Trichloroethene	27.3	24.7	27.6	90	101	70-130	12	25	
1,4-Dioxane	27.3	27.4	29.0	100	106	70-130	6	25	
2,2,4-Trimethylpentane (Isooctane)	25.0	22.6	25.5	90	102	70-130	13	25	
n-Heptane	26.5	24.1	27.1	91	102	70-130	11	25	
cis-1,3-Dichloropropene	26.0	25.6	26.0	98	100	70-130	2	25	
4-Methyl-2-pentanone	26.5	25.7	27.1	97	102	70-130	5	25	
trans-1,3-Dichloropropene	27.8	27.4	27.1	99	97	70-130	2	25	
1,1,2-Trichloroethane	25.8	24.6	26.2	95	102	70-130	7	25	

Verified By: Pa Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070604-LCS, P070604-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/4/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Toluene	26.0	22.8	24.6	88	95	70-130	8	25	
2-Hexanone	26.0	24.4	25.3	94	97	70-130	3	25	
Dibromochloromethane	26.5	28.1	28.9	106	109	70-130	3	25	
1,2-Dibromoethane	26.0	27.1	27.6	104	106	70-130	2	25	
Tetrachloroethene	25.8	24.7	25.6	96	99	70-130	3	25	
Chlorobenzene	26.0	22.7	24.9	87	96	70-130	10	25	
Ethylbenzene	25.8	24.0	26.6	93	103	70-130	10	25	
m,p-Xylenes	61.5	58.9	65.1	96	106	70-130	10	25	
Bromoform	31.3	34.8	35.2	111	112	70-130	0.9	25	
Styrene	25.8	25.7	28.0	100	109	70-130	9	25	
o-Xylene	29.0	28.1	31.3	97	108	70-130	11	25	
1,1,2,2-Tetrachloroethane	29.3	30.8	31.9	105	109	70-130	4	25	
4-Ethyltoluene	26.3	26.3	29.1	100	111	70-130	10	25	
1,3,5-Trimethylbenzene	25.5	25.4	28.1	100	110	70-130	10	25	
1,2,4-Trimethylbenzene	26.0	27.1	30.1	104	116	70-130	11	25	
Benzyl Chloride	25.5	29.2	29.9	115	117	70-130	2	25	
1,3-Dichlorobenzene	25.3	25.5	28.0	101	111	70-130	9	25	
1,4-Dichlorobenzene	26.0	26.1	28.7	100	110	70-130	10	25	
1,2-Dichlorobenzene	25.5	26.7	29.4	105	115	70-130	9	25	
1,2,4-Trichlorobenzene	26.8	31.3	34.6	117	129	70-130	10	25	
Hexachlorobutadiene	26.5	29.2	32.6	110	123	70-130	11	25	

Verified By: RG Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : Salt River Project/10108.000.0

CAS Project ID: P2701543
CAS Sample ID: P070605-LCS, P070605-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/5/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Propene	25.8	22.5	21.1	87	82	70-130	6	25	
Dichlorodifluoromethane (CFC 12)	25.5	21.2	20.8	83	82	70-130	1	25	
Chloromethane	24.3	20.5	20.2	84	83	70-130	1	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	22.0	21.6	86	85	70-130	1	25	
Vinyl Chloride	24.8	23.5	22.7	95	92	70-130	3	25	
1,3-Butadiene	26.0	23.6	23.8	91	92	70-130	1	25	
Bromomethane	25.0	19.8	20.2	79	81	70-130	3	25	
Chloroethane	25.0	21.3	21.1	85	84	70-130	1	25	
Acetone	26.5	26.1	25.9	98	98	70-130	0	25	
Trichlorofluoromethane	24.3	21.4	20.9	88	86	70-130	2	25	
2-Propanol (Isopropyl Alcohol)	24.5	19.7	19.8	80	81	70-130	1	25	
1,1-Dichloroethene	27.3	25.9	24.2	95	89	70-130	7	25	
Methylene chloride	26.8	22.0	21.3	82	79	70-130	4	25	
3-Chloro-1-propene (Allyl Chloride)	26.0	24.1	23.5	93	90	70-130	3	25	
Trichlorotrifluoroethane	27.0	23.7	23.4	88	87	70-130	1	25	
Carbon Disulfide	25.0	22.8	21.9	91	88	70-130	3	25	
trans-1,2-Dichloroethene	26.3	25.0	23.7	95	90	70-130	5	25	
1,1-Dichloroethane	26.3	22.7	22.1	86	84	70-130	2	25	
Methyl tert-Butyl Ether	26.3	23.7	23.5	90	89	70-130	1	25	
Vinyl Acetate	24.3	17.6	17.5	72	72	70-130	0	25	

Verified By: RC Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070605-LCS, P070605-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/5/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
2-Butanone (MEK)	26.8	25.4	25.5	95	95	70-130	0	25	
cis-1,2-Dichloroethene	26.5	24.4	23.2	92	88	70-130	4	25	
Ethyl Acetate	29.8	29.0	27.8	97	93	70-130	4	25	
n-Hexane	26.8	23.8	23.3	89	87	70-130	2	25	
Chloroform	30.0	25.8	24.9	86	83	70-130	4	25	
Tetrahydrofuran (THF)	26.5	24.2	24.1	91	91	70-130	0	25	
1,2-Dichloroethane	26.0	24.1	23.1	93	89	70-130	4	25	
1,1,1-Trichloroethane	26.3	23.8	23.9	90	91	70-130	1	25	
Benzene	26.3	23.2	22.5	88	86	70-130	2	25	
Carbon Tetrachloride	25.8	25.2	25.2	98	98	70-130	0	25	
Cyclohexane	26.5	22.8	22.4	86	85	70-130	1	25	
1,2-Dichloropropane	26.0	24.6	24.3	95	93	70-130	2	25	
Bromodichloromethane	27.5	27.4	26.7	100	97	70-130	3	25	
Trichloroethene	27.3	26.6	25.3	97	93	70-130	4	25	
1,4-Dioxane	27.3	28.2	27.4	103	100	70-130	3	25	
2,2,4-Trimethylpentane (Isooctane)	25.0	23.7	23.5	95	94	70-130	1	25	
n-Heptane	26.5	24.9	24.6	94	93	70-130	1	25	
cis-1,3-Dichloropropene	26.0	25.9	25.6	100	98	70-130	2	25	
4-Methyl-2-pentanone	26.5	26.2	25.5	99	96	70-130	3	25	
trans-1,3-Dichloropropene	27.8	26.6	26.6	96	96	70-130	0	25	
1,1,2-Trichloroethane	25.8	25.4	25.2	98	98	70-130	0	25	

Verified By: Rc Date: 6/8/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701543
CAS Sample ID: P070605-LCS, P070605-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Liliana Marghitoiu
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 6/5/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Toluene	26.0	23.0	22.8	88	88	70-130	0	25	
2-Hexanone	26.0	23.7	23.3	91	90	70-130	1	25	
Dibromochloromethane	26.5	28.1	27.6	106	104	70-130	2	25	
1,2-Dibromoethane	26.0	26.6	26.2	102	101	70-130	1	25	
Tetrachloroethene	25.8	24.5	24.4	95	95	70-130	0	25	
Chlorobenzene	26.0	22.7	22.6	87	87	70-130	0	25	
Ethylbenzene	25.8	24.0	24.0	93	93	70-130	0	25	
m,p-Xylenes	61.5	59.2	58.7	96	95	70-130	1	25	
Bromoform	31.3	34.0	33.8	109	108	70-130	0.9	25	
Styrene	25.8	25.3	25.0	98	97	70-130	1	25	
o-Xylene	29.0	28.5	28.1	98	97	70-130	1	25	
1,1,2,2-Tetrachloroethane	29.3	31.3	30.9	107	105	70-130	2	25	
4-Ethyltoluene	26.3	27.4	26.3	104	100	70-130	4	25	
1,3,5-Trimethylbenzene	25.5	26.3	25.3	103	99	70-130	4	25	
1,2,4-Trimethylbenzene	26.0	28.2	27.1	108	104	70-130	4	25	
Benzyl Chloride	25.5	25.2	27.5	99	108	70-130	9	25	
1,3-Dichlorobenzene	25.3	26.0	25.4	103	100	70-130	3	25	
1,4-Dichlorobenzene	26.0	26.9	26.0	103	100	70-130	3	25	
1,2-Dichlorobenzene	25.5	27.4	26.5	107	104	70-130	3	25	
1,2,4-Trichlorobenzene	26.8	32.0	31.3	119	117	70-130	2	25	
Hexachlorobutadiene	26.5	30.3	29.3	114	111	70-130	3	25	

Verified By: Ru Date: 6/8/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Transwest Geochem, Inc. Work order: P2701543

Project: Salt River Project/10108.000.0

Sample(s) received on: 05/24/07 Date opened: 05/24/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2701543-001			NA	
P2701543-002			NA	
P2701543-003			NA	
P2701543-004			NA	
P2701543-005			NA	
P2701543-006			NA	
P2701543-007			NA	
P2701543-008			NA	
P2701543-009			NA	
P2701543-010			NA	

Explain any discrepancies: (include lab sample ID numbers):

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Transwest Geochem, Inc. Work order: P2701543

Project: Salt River Project/10108.000.0

Sample(s) received on: 05/24/07 Date opened: 05/24/07 by: MZ

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2701543-011			NA	

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

#0705 590

Columbia Analytical Services INC
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No.

CAS Contact

Company Name & Address (Reporting Information): Geomatrix Consultants, Inc. 8777 East Via de Ventura, Suite 396 Scottsdale, AZ 85258

Project Name: Salt River Project

Project Number: 10108.000.0

Project Manager: Stephanie Koehne

P.O. # / Billing Information: 10108.000.0

Phone: 480-348-1293 Fax: 480-348-1245

Email Address for Result Reporting: skoehne@geomatrix.com napat@geomatrix.com

Sampler (Print & Sign): Stephanie Koehne - S. Koehne

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	T.I.C. - Isobutylene			Comments e.g. Actual Preservative or specific Instructions
SVMW1-1	1	5/22/07	1215	Air	CN00010	IV-.08-015	30	X	X			
SVMW2-1	2	5/22/07	1252	Air	CN00016	IV-.08-027	29	X	X			
DUP-01-052207	3	5/22/07	1253	Air	CN00025	IV-.08-043	29	X	X			
SVMW1-2	4	5/22/07	1432	Air	CN00022	IV-.08-014	30	X	X			
SVMW2-2	5	5/22/07	1518	Air	CN00011	IV-.08-016	30	X	X			
SVMW1-3	~~4~~ 6	5/22/07	1612	Air	CN00009	IV-.08-003	28	X	X			
SVMW2-3	~~5~~ 7	5/22/07	1732	Air	CN00028	IV-.08-038	26.5	X	X			
SVMW1-4	8	5/22/07	1716	Air	CN00001	IV-.08-052	27	X	X			
FB-02	9	5/22/07	1740	Air	CN00032	IV-0.08-001	29	X	X			
EB-02	10	5/22/07	1743	Air	CN00020	—	0	X	X			
SVMW2-4	11	5/22/07	1815	Air	CN00033	IV-.08-025	28	X	X			

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: ____
EDD Units: ____

Project Requirements (MRLs, QAPP

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
S. Koehne (Geomatrix)	5/23/07	1039	[signature]	5.23.07	1039
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank
Temperature ____ °C

CHAIN-OF-CUSTODY

P2701543

TRANSWEST GEOCHEM

Carlene McCutcheon
3725 E. Atlanta Avenue
Suite 2
Phoenix, AZ 85040

TEL: (602) 437-0330
FAX: (602) 437-0660

Work Order: 0705590

Project: Salt River Project 10108.000.0

Subcontractor:
Columbia Analytical
2655 Park Center Dr., Ste. A
Simi Valley, CA 93065

TEL: (805) 526-7161
FAX: (805) 526-7270

23-May-07

	Client Sample ID	TGI ID	Matrix	Collection Date	Containers	Requested Tests: TO15	T.I.C. Isobutylene				
1	SVMW1-1	01A	Air	5/22/2007 12:15:00 PM	1	1					-2.1
2	SVMW2-1	02A	Air	5/22/2007 12:52:00 PM	1	1					-3.2
3	DUP-01-052207	03A	Air	5/22/2007 12:53:00 PM	1	1					-3.2
4	SVMW1-2	04A	Air	5/22/2007 2:32:00 PM	1	1					-2.2
5	SVMW2-2	05A	Air	5/22/2007 3:18:00 PM	1	1					-2.5
6	SVMW1-3	06A	Air	5/22/2007 4:12:00 PM	1	1					-4.5
7	SVMW2-3	07A	Air	5/22/2007 5:32:00 PM	1	1					-4.2
8	SVMW1-4	08A	Air	5/22/2007 5:16:00 PM	1	1					-3.2
9	FB-02	09A	Air	5/22/2007 5:40:00 PM	1	1					-2.0
10	EB-02	10A	Air	5/22/2007 5:43:00 PM	1	1					-27.9
11	SVMW2-4	11A	Air	5/22/2007 6:15:00 PM	1	1					-2.4
											-25.5

Comments: After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

Sample Receipt		
Temperature:	Ambient / Cold	Ice:
Received Intact:		Absent / Present
Custody Seals:		Wet / Blue
Total No. of Containers:		°C.

		Date/Time			Date/Time
Relinquished by:	Tracy [signature]	5-23-07 1600	Received by:	UPS	5-23-07 1600
Relinquished by:	UPS		Received by:	[signature]	5/24/07 0055
Relinquished by:			Received by:		

11864

65

Storage Location: SWB

TRANSWEST GEOCHEM

Sample Receipt Checklist

Client Name: Geomatrix

Date and Time Received: 5.23.07

Work Order Number: 0705 590

Checked by: 1039

Checklist completed by: 5 23 07
Signature / Date

Logged In by: 5.23.07
Initials / Date

Matrix: AQ Carrier Name: Client TGI _____

Reviewed by: CM
Initials / Date

				COMMENTS
Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	Temp: AWB	Sampled < 2hrs ☐
Water – VOA vials have zero headspace?	Yes ☐	No ☐	N/A ☑	
Water – pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	Checked by: _____
Water – Sulfides present in Cyanide samples?	Yes ☐	No☐	N/A ☑	
Samples considered Drinking Water for metal analysis?	Yes ☐	No☐	N/A ☑	

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Corrective Action: _____

Air - Chain of Custody Record & Analytical Service Request

Page ____ of ____

#0705 590

Columbia Analytical Services INC.
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No.

CAS Contact

Company Name & Address (Reporting Information): Geomatrix Consultants, Inc. 8777 East Via de Ventura, Suite 396 Scottsdale, AZ 85258

Project Name: Salt River Project

Project Number: 10108.000.0

Project Manager: Stephanie Koehne

Phone: 480-348-1293 Fax: 480-348-1245

P.O. # / Billing Information: 10108.000.0

Email Address for Result Reporting: skoehne@geomatrix.com napat@geomatrix.com

Sampler (Print & Sign): Stephanie Koehne - S. Koehne

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	T.I.C. - Isobutylene			Comments e.g. Actual Preservative or specific instructions
SVMW1-1	1	5/22/07	1215	Air	CN00010	IV-.08-015	30	X	X			
SVMW2-1	2	5/22/07	1252	Air	CN00016	IV-.08-027	29	X	X			
DUP-01-052207	3	5/22/07	1253	Air	CN00025	IV-.08-043	29	X	X			
SVMW1-2	4	5/22/07	1432	Air	CN00022	IV-.08-014	30	X	X			
SVMW2-2	5	5/22/07	1518	Air	CN00011	IV-.08-016	30	X	X			
SVMW1-3	~~4~~ 6	5/22/07	1612	Air	CN00009	IV-.08-003	28	X	X			
SVMW2-3	~~5~~ 7	5/22/07	1732	Air	CN00028	IV-.08-038	26.5	X	X			
SVMW1-4	8	5/22/07	1716	Air	CN00001	IV-.08-052	27	X	X			
FB-02	9	5/22/07	1740	Air	CN00032	IV-0.08-001	29	X	X			
EB-02	10	5/22/07	1743	Air	CN00020	—	0	X	X			
SVMW2-4	11	5/22/07	1815	Air	CN00033	IV-.08-025	28	X	X			

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: ____ EDD Units: ____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
S. Koehne (Geomatrix)	5/23/07	1039	[signature]	5.23.07	1039
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank

Temperature ____ °C

APPENDIX J.5

June 2007 Soil Vapor Monitor Well Data

Is AB a "Blank"?

No DFA reported?

TRANSWEST GEOCHEM

July 20, 2007

Stephanie Koehne
Geomatrix
8777 E. Via de Ventura
Suite 396
Scottsdale, AZ 85258

Re: Salt River Project/10108.000.0
Work Order No.: 0706401

Dear Stephanie,

Attached is the original Report of Analysis from Columbia Analytical Services, Inc. (AZ0694) for the samples received on 6/21/07. The following analysis was performed:

Test Code: EPA TO-15 - Volatile Organic Compounds in Air

If you have any questions regarding the results, please call me. We appreciate your business and thank you for choosing Transwest Geochem.

Sincerely,

Carlene McCutcheon
Project Manager

ADHS License No. AZM133/AZ0133

CONFIDENTIAL AND PRIVILEGED

3725 E. Atlanta Avenue • Phoenix, Arizona 85040 • (602) 437-0330 • (800) 927-5183 • Fax (602) 437-0660
3860 S. Palo Verde Rd. • Suite 301 • Tucson, Arizona 85714 • (520) 573-1061 • Fax (520) 573-1063

2655 Park Center Drive, Suite A Simi Valley, California 93065 (805) 526-7161 (805) 526-7270 fax

Columbia Analytical Services INC.
An Employee - Owned Company

July 18, 2007

Ms. Carlene McCutcheon
Transwest Geochem, Inc.
3725 East Atlanta Avenue, Suite 2
Phoenix, AZ 85040

RE: P2701851
Salt River Project/10108.000.0

Dear Ms. McCutcheon:

Enclosed are the results of the sample(s) submitted to our laboratory on June 22, 2007.
For your reference, these analyses have been assigned our service request number P2701851.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 73 pages.

Columbia Analytical Services is certified by the California Department of Health Services, Certificate No. 2380; Arizona Department of Health Services, Certificate No. AZ0694; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA20007; The American Industrial Hygiene Association, Laboratory #101661. Please contact me for specific method(s) and analyte(s) corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

Columbia Analytical Services, Inc.

Kate Aguilera
Project Manager

NELAP Accredited ACIL Seal of Excellence Award 100% Recycled

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Columbia Analytical Services INC.
An Employee - Owned Company

LABORATORY REPORT

Client:	TRANSWEST GEOCHEM, INC.	Date of Report:	07/18/07
Address:	3725 East Atlanta Avenue, Suite 2	Date Received:	06/22/07
	Phoenix, AZ 85040	CAS Project No:	P2701851
Contact:	Ms. Carlene McCutcheon	Purchase Order:	Verbal
Client Project ID:	Salt River Project/10108.000.0	Arizona License No.:	AZ0694

Eleven (11) Stainless Steel Summa Canisters labeled:

"SVMW1-1" "SVMW2-1" "SVMW1-2" "SVMW2-2" "SVMW1-3" "DUP01-062007"
"SVMW2-3" "SVMW1-4" "AB062007" "SVMW2-4" "EB062007"

The samples were received at the laboratory under chain of custody on June 22, 2007. The samples were received intact. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time that they were received at the laboratory.

Volatile Organic Compound Analysis

The samples were analyzed by combined gas chromatography/mass spectrometry (GC/MS) for selected volatile organic compounds and tentatively identified compounds. The analyses were performed according to the methodology outlined in EPA Method TO-15. The analyses were performed by gas chromatography/mass spectrometry, utilizing a direct cryogenic trapping technique. The analytical systems used were comprised of a Hewlett Packard Model 5972 GC/MS/DS and an Agilent Model 5973inert GC/MS/DS each interfaced to a Tekmar AutoCan Elite whole air inlet system/cryogenic concentrator. A 100% Dimethylpolysiloxane capillary column (RT_x-1, Restek Corporation, Bellefonte, PA) was used to achieve chromatographic separation.

The initial calibration for vinyl acetate did not meet criteria for the instrument identified as MS9. However, the samples analyzed on this instrument were for dilutions of different compounds.

Reviewed and Approved:

Chaney Humphrey
Analytical Chemist
Air Quality Laboratory

Reviewed and Approved:

Chris Parnell
GCMS-VOA Team Leader
Air Quality Laboratory

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Columbia Analytical Services INC.
An Employee - Owned Company

CAS Project No: P2701851

A laboratory control sample duplicate was inadvertently not analyzed on the instrument identified as MS9.

The results of analyses are given on the attached data sheets. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

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COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00030

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.0
Can D.F. = 1.82

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	3.1	2.3	1.8	1.3	M
75-71-8	Dichlorodifluoromethane (CFC 12)	<5.8 U	2.3	<1.2 U	0.46	
74-87-3	Chloromethane	3.5	2.3	1.7	1.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.3	ND	0.33	
75-01-4	Vinyl Chloride	ND	2.3	ND	0.89	
106-99-0	1,3-Butadiene	ND	2.3	ND	1.0	
74-83-9	Bromomethane	ND	2.3	ND	0.59	
75-00-3	Chloroethane	ND	2.3	ND	0.86	
67-64-1	Acetone	<69 U	23	<29 U	9.6	
75-69-4	Trichlorofluoromethane	9.4	2.3	1.7	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	2.3	1.2	0.93	M
75-35-4	1,1-Dichloroethene	ND	2.3	ND	0.57	
75-09-2	Methylene chloride	ND	2.3	ND	0.66	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.3	ND	0.73	
76-13-1	Trichlorotrifluoroethane	5.9	2.3	0.77	0.30	
75-15-0	Carbon Disulfide	37	2.3	12	0.73	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	ND	0.57	
75-34-3	1,1-Dichloroethane	ND	2.3	ND	0.56	
1634-04-4	Methyl tert-Butyl Ether	ND	2.3	ND	0.63	
108-05-4	Vinyl Acetate	<19 U	4.6	<5.4 U	1.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00030

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.0
Can D.F. = 1.82

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	<7.8 U	4.6	<2.6 U	1.5	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	ND	0.57	
141-78-6	Ethyl Acetate	5.2	2.3	1.5	0.63	
110-54-3	n-Hexane	ND	2.3	ND	0.65	
67-66-3	Chloroform	160	2.3	33	0.47	
109-99-9	Tetrahydrofuran (THF)	ND	2.3	ND	0.77	
107-06-2	1,2-Dichloroethane	ND	2.3	ND	0.56	
71-55-6	1,1,1-Trichloroethane	ND	2.3	ND	0.42	
71-43-2	Benzene	ND	2.3	ND	0.71	
56-23-5	Carbon Tetrachloride	ND	2.3	ND	0.36	
110-82-7	Cyclohexane	ND	2.3	ND	0.66	
78-87-5	1,2-Dichloropropane	ND	2.3	ND	0.49	
75-27-4	Bromodichloromethane	7.4	2.3	1.1	0.34	
79-01-6	Trichloroethene	11	2.3	2.1	0.42	
123-91-1	1,4-Dioxane	ND	2.3	ND	0.63	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.3	ND	0.49	
142-82-5	n-Heptane	ND	2.3	ND	0.56	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ND	0.50	
108-10-1	4-Methyl-2-pentanone	ND	2.3	ND	0.56	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ND	0.50	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ND	0.42	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-001

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00030

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.0
Can D.F. = 1.82

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	13	2.3	3.6	0.60	
591-78-6	2-Hexanone	ND	2.3	ND	0.56	
124-48-1	Dibromochloromethane	ND	2.3	ND	0.27	
106-93-4	1,2-Dibromoethane	ND	2.3	ND	0.30	
127-18-4	Tetrachloroethene	1,300	2.3	190	0.34	
108-90-7	Chlorobenzene	ND	2.3	ND	0.49	
100-41-4	Ethylbenzene	ND	2.3	ND	0.52	
179601-23-1	*m,p*-Xylenes	ND	4.6	ND	1.0	
75-25-2	Bromoform	ND	2.3	ND	0.22	
100-42-5	Styrene	ND	2.3	ND	0.53	
95-47-6	o-Xylene	ND	2.3	ND	0.52	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ND	0.33	
622-96-8	4-Ethyltoluene	ND	2.3	ND	0.46	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	ND	0.46	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	ND	0.46	
100-44-7	Benzyl Chloride	ND	2.3	ND	0.44	
541-73-1	1,3-Dichlorobenzene	ND	2.3	ND	0.38	
106-46-7	1,4-Dichlorobenzene	< 9.7 U	2.3	<1.6 U	0.38	
95-50-1	1,2-Dichlorobenzene	ND	2.3	ND	0.38	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	ND	0.31	
87-68-3	Hexachlorobutadiene	ND	2.3	ND	0.21	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-001

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chancy Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00030

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.1 Pf 1 = 10.0
Can D.F. = 1.82

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00114

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -2.5 Pf 1 = 10.0
Can D.F. = 2.02

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	4.2	2.5	2.5	1.5	M
75-71-8	Dichlorodifluoromethane (CFC 12)	<6.5 U	2.5	<1.3 U	0.51	
74-87-3	Chloromethane	6.7	2.5	3.2	1.2	M
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.5	ND	0.36	
75-01-4	Vinyl Chloride	ND	2.5	ND	0.99	
106-99-0	1,3-Butadiene	ND	2.5	ND	1.1	
74-83-9	Bromomethane	ND	2.5	ND	0.65	
75-00-3	Chloroethane	ND	2.5	ND	0.96	
67-64-1	Acetone	< 47 U	25	< 20 U	11	
75-69-4	Trichlorofluoromethane	10	2.5	1.8	0.45	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.5	ND	1.0	
75-35-4	1,1-Dichloroethene	ND	2.5	ND	0.64	
75-09-2	Methylene chloride	ND	2.5	ND	0.73	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.5	ND	0.81	
76-13-1	Trichlorotrifluoroethane	8.7	2.5	1.1	0.33	
75-15-0	Carbon Disulfide	81	2.5	26	0.81	
156-60-5	trans-1,2-Dichloroethene	ND	2.5	ND	0.64	
75-34-3	1,1-Dichloroethane	ND	2.5	ND	0.62	
1634-04-4	Methyl tert-Butyl Ether	ND	2.5	ND	0.70	
108-05-4	Vinyl Acetate	< 16 U	5.1	<4.7 U	1.4	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: MW Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chancy Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00114

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -2.5 Pf 1 = 10.0
Can D.F. = 2.02

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	< 12 U	5.1	< 4.0 U	1.7	
156-59-2	cis-1,2-Dichloroethene	ND	2.5	ND	0.64	
141-78-6	Ethyl Acetate	ND	2.5	ND	0.70	
110-54-3	n-Hexane	ND	2.5	ND	0.72	
67-66-3	Chloroform	11	2.5	2.3	0.52	
109-99-9	Tetrahydrofuran (THF)	ND	2.5	ND	0.86	
107-06-2	1,2-Dichloroethane	ND	2.5	ND	0.62	
71-55-6	1,1,1-Trichloroethane	ND	2.5	ND	0.46	
71-43-2	Benzene	ND	2.5	ND	0.79	
56-23-5	Carbon Tetrachloride	ND	2.5	ND	0.40	
110-82-7	Cyclohexane	ND	2.5	ND	0.73	
78-87-5	1,2-Dichloropropane	ND	2.5	ND	0.55	
75-27-4	Bromodichloromethane	ND	2.5	ND	0.38	
79-01-6	Trichloroethene	ND	2.5	ND	0.47	
123-91-1	1,4-Dioxane	ND	2.5	ND	0.70	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.5	ND	0.54	
142-82-5	n-Heptane	ND	2.5	ND	0.62	
10061-01-5	cis-1,3-Dichloropropene	ND	2.5	ND	0.56	
108-10-1	4-Methyl-2-pentanone	2.6	2.5	0.62	0.62	
10061-02-6	trans-1,3-Dichloropropene	ND	2.5	ND	0.56	
79-00-5	1,1,2-Trichloroethane	ND	2.5	ND	0.46	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-002

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00114

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -2.5 Pf 1 = 10.0
Can D.F. = 2.02

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	2.5	ND	0.67	
591-78-6	2-Hexanone	< 2.8 U	2.5	< 0.68 U	0.62	
124-48-1	Dibromochloromethane	ND	2.5	ND	0.30	
106-93-4	1,2-Dibromoethane	ND	2.5	ND	0.33	
127-18-4	Tetrachloroethene	1,700	2.5	260	0.37	
108-90-7	Chlorobenzene	ND	2.5	ND	0.55	
100-41-4	Ethylbenzene	ND	2.5	ND	0.58	
179601-23-1	*m,p*-Xylenes	ND	5.1	ND	1.2	
75-25-2	Bromoform	ND	2.5	ND	0.24	
100-42-5	Styrene	ND	2.5	ND	0.59	
95-47-6	o-Xylene	ND	2.5	ND	0.58	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.5	ND	0.37	
622-96-8	4-Ethyltoluene	ND	2.5	ND	0.51	
108-67-8	1,3,5-Trimethylbenzene	ND	2.5	ND	0.51	
95-63-6	1,2,4-Trimethylbenzene	ND	2.5	ND	0.51	
100-44-7	Benzyl Chloride	ND	2.5	ND	0.49	
541-73-1	1,3-Dichlorobenzene	ND	2.5	ND	0.42	
106-46-7	1,4-Dichlorobenzene	< 4.2 U	2.5	< 0.69 U	0.42	
95-50-1	1,2-Dichlorobenzene	ND	2.5	ND	0.42	
120-82-1	1,2,4-Trichlorobenzene	ND	2.5	ND	0.34	
87-68-3	Hexachlorobutadiene	ND	2.5	ND	0.24	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-1**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-002

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00114

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -2.5 Pf 1 = 10.0
Can D.F. = 2.02

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: W Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00235

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.0
Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	3.5	2.4	2.0	1.4	M
75-71-8	Dichlorodifluoromethane (CFC 12)	<7.5 U	2.4	<1.5 U	0.48	
74-87-3	Chloromethane	ND	2.4	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.34	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.93	
106-99-0	1,3-Butadiene	ND	2.4	ND	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.61	
75-00-3	Chloroethane	ND	2.4	ND	0.90	
67-64-1	Acetone	<52 U	24	<22 U	10	
75-69-4	Trichlorofluoromethane	15	2.4	2.6	0.42	
67-63-0	2-Propanol (Isopropyl Alcohol)	4.0	2.4	1.6	0.97	M
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.60	
75-09-2	Methylene chloride	ND	2.4	ND	0.68	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.76	
76-13-1	Trichlorotrifluoroethane	7.4	2.4	0.96	0.31	
75-15-0	Carbon Disulfide	54	2.4	17	0.76	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.60	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.59	
1634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.66	
108-05-4	Vinyl Acetate	<31 U	4.8	<8.7 U	1.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: WJ Date: 7/13/07

01851VOA.SC1 - Sample (3)

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00235

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.0
Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	<13 U	4.8	<4.3 U	1.6	
156-59-2	cis-1,2-Dichloroethene	ND	2.4	ND	0.60	
141-78-6	Ethyl Acetate	ND	2.4	ND	0.66	
110-54-3	n-Hexane	ND	2.4	ND	0.67	
67-66-3	Chloroform	610	2.4	130	0.49	
109-99-9	Tetrahydrofuran (THF)	ND	2.4	ND	0.81	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.59	
71-55-6	1,1,1-Trichloroethane	ND	2.4	ND	0.44	
71-43-2	Benzene	ND	2.4	ND	0.74	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.38	
110-82-7	Cyclohexane	ND	2.4	ND	0.69	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.51	
75-27-4	Bromodichloromethane	2.8	2.4	0.42	0.35	
79-01-6	Trichloroethene	63	2.4	12	0.44	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.66	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.4	ND	0.51	
142-82-5	n-Heptane	ND	2.4	ND	0.58	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.52	
108-10-1	4-Methyl-2-pentanone	ND	2.4	ND	0.58	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.52	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.44	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: W Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-003

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00235

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.0
Can D.F. = 1.90

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	17	2.4	4.4	0.63	
591-78-6	2-Hexanone	< 2.8 U	2.4	< 0.68 U	0.58	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.28	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.31	
127-18-4	Tetrachloroethene	790	2.4	120	0.35	
108-90-7	Chlorobenzene	ND	2.4	ND	0.52	
100-41-4	Ethylbenzene	ND	2.4	ND	0.55	
179601-23-1	*m,p*-Xylenes	ND	4.8	ND	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.23	
100-42-5	Styrene	ND	2.4	ND	0.56	
95-47-6	o-Xylene	ND	2.4	ND	0.55	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.35	
622-96-8	4-Ethyltoluene	ND	2.4	ND	0.48	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.48	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	ND	0.48	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.46	
541-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.40	
106-46-7	1,4-Dichlorobenzene	< 7.2 U	2.4	< 1.2 U	0.40	
95-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.40	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.32	
87-68-3	Hexachlorobutadiene	ND	2.4	ND	0.22	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: RU Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-003

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00235

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.0
Can D.F. = 1.90

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: ___ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00297

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.5
Can D.F. = 1.94

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.4	ND	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	< 6.7 U	2.4	< 1.4 U	0.49	
74-87-3	Chloromethane	6.7	2.4	3.3	1.2	M
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.35	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.95	
106-99-0	1,3-Butadiene	ND	2.4	ND	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.62	
75-00-3	Chloroethane	ND	2.4	ND	0.92	
67-64-1	Acetone	< 68 U	24	< 28 U	10	M
75-69-4	Trichlorofluoromethane	12	2.4	2.1	0.43	
67-63-0	2-Propanol (Isopropyl Alcohol)	6.2	2.4	2.5	0.99	M
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.61	
75-09-2	Methylene chloride	ND	2.4	ND	0.70	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.78	
76-13-1	Trichlorotrifluoroethane	9.5	2.4	1.2	0.32	
75-15-0	Carbon Disulfide	30	2.4	9.8	0.78	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.61	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.60	
1634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.67	
108-05-4	Vinyl Acetate	< 24 U	4.9	< 6.9 U	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00297

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.5
Can D.F. = 1.94

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	< 21 U	4.9	<7.2 U	1.6	
156-59-2	cis-1,2-Dichloroethene	ND	2.4	ND	0.61	
141-78-6	Ethyl Acetate	8.8	2.4	2.5	0.67	
110-54-3	n-Hexane	ND	2.4	ND	0.69	
67-66-3	Chloroform	7.2	2.4	1.5	0.50	
109-99-9	Tetrahydrofuran (THF)	ND	2.4	ND	0.82	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.60	
71-55-6	1,1,1-Trichloroethane	ND	2.4	ND	0.44	
71-43-2	Benzene	7.4	2.4	2.3	0.76	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.39	
110-82-7	Cyclohexane	ND	2.4	ND	0.70	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.52	
75-27-4	Bromodichloromethane	ND	2.4	ND	0.36	
79-01-6	Trichloroethene	4.4	2.4	0.82	0.45	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.67	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.4	ND	0.52	
142-82-5	n-Heptane	ND	2.4	ND	0.59	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.53	
108-10-1	4-Methyl-2-pentanone	ND	2.4	ND	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.53	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.44	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-004

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00297

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.5
Can D.F. = 1.94

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	63	2.4	17	0.64	
591-78-6	2-Hexanone	< 5.5 U	2.4	<1.3 U	0.59	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.28	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.32	
127-18-4	Tetrachloroethene	760	2.4	110	0.36	
108-90-7	Chlorobenzene	ND	2.4	ND	0.53	
100-41-4	Ethylbenzene	4.7	2.4	1.1	0.56	
179601-23-1	*m,p*-Xylenes	10	4.9	2.4	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.23	
100-42-5	Styrene	5.6	2.4	1.3	0.57	
95-47-6	o-Xylene	3.9	2.4	0.89	0.56	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.35	
622-96-8	4-Ethyltoluene	ND	2.4	ND	0.49	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.49	
95-63-6	1,2,4-Trimethylbenzene	5.3	2.4	1.1	0.49	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.47	
541-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.40	
106-46-7	1,4-Dichlorobenzene	< 3.1 U	2.4	< 0.51 U	0.40	
95-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.40	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.33	
87-68-3	Hexachlorobutadiene	ND	2.4	ND	0.23	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: W Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-2**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-004

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00297

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.7 Pf 1 = 10.5
Can D.F. = 1.94

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00269

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.0 Pf 1 = 10.0
Can D.F. = 1.80

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.3	ND	1.3	
75-71-8	Dichlorodifluoromethane (CFC 12)	< 6.2 U	2.3	<1.3 U	0.46	
74-87-3	Chloromethane	ND	2.3	ND	1.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.3	ND	0.32	
75-01-4	Vinyl Chloride	ND	2.3	ND	0.88	
106-99-0	1,3-Butadiene	ND	2.3	ND	1.0	
74-83-9	Bromomethane	ND	2.3	ND	0.58	
75-00-3	Chloroethane	ND	2.3	ND	0.85	
67-64-1	Acetone	< 51 U	23	< 21 U	9.5	M
75-69-4	Trichlorofluoromethane	11	2.3	2.0	0.40	
67-63-0	2-Propanol (Isopropyl Alcohol)	3.0	2.3	1.2	0.92	M
75-35-4	1,1-Dichloroethene	ND	2.3	ND	0.57	
75-09-2	Methylene chloride	ND	2.3	ND	0.65	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.3	ND	0.72	
76-13-1	Trichlorotrifluoroethane	5.2	2.3	0.68	0.29	
75-15-0	Carbon Disulfide	32	2.3	10	0.72	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	ND	0.57	
75-34-3	1,1-Dichloroethane	ND	2.3	ND	0.56	
1634-04-4	Methyl tert-Butyl Ether	ND	2.3	ND	0.62	
108-05-4	Vinyl Acetate	< 26 U	4.5	< 7.4 U	1.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00269

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.0 Pf 1 = 10.0

Can D.F. = 1.80

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	< 10	4.5	< 3.4	1.5	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	ND	0.57	
141-78-6	Ethyl Acetate	ND	2.3	ND	0.62	
110-54-3	n-Hexane	ND	2.3	ND	0.64	
67-66-3	Chloroform	220	2.3	45	0.46	
109-99-9	Tetrahydrofuran (THF)	ND	2.3	ND	0.76	
107-06-2	1,2-Dichloroethane	ND	2.3	ND	0.56	
71-55-6	1,1,1-Trichloroethane	ND	2.3	ND	0.41	
71-43-2	Benzene	ND	2.3	ND	0.70	
56-23-5	Carbon Tetrachloride	ND	2.3	ND	0.36	
110-82-7	Cyclohexane	ND	2.3	ND	0.65	
78-87-5	1,2-Dichloropropane	ND	2.3	ND	0.49	
75-27-4	Bromodichloromethane	4.9	2.3	0.73	0.34	
79-01-6	Trichloroethene	30	2.3	5.6	0.42	
123-91-1	1,4-Dioxane	ND	2.3	ND	0.62	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.3	ND	0.48	
142-82-5	n-Heptane	ND	2.3	ND	0.55	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ND	0.50	
108-10-1	4-Methyl-2-pentanone	ND	2.3	ND	0.55	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ND	0.50	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ND	0.41	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-005

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00269

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.0 Pf 1 = 10.0
Can D.F. = 1.80

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	2.3	ND	0.60	
591-78-6	2-Hexanone	< 2.8 U	2.3	< 0.68 U	0.55	
124-48-1	Dibromochloromethane	ND	2.3	ND	0.26	
106-93-4	1,2-Dibromoethane	ND	2.3	ND	0.29	
127-18-4	Tetrachloroethene	700	2.3	100	0.33	
108-90-7	Chlorobenzene	ND	2.3	ND	0.49	
100-41-4	Ethylbenzene	ND	2.3	ND	0.52	
179601-23-1	*m,p*-Xylenes	ND	4.5	ND	1.0	
75-25-2	Bromoform	ND	2.3	ND	0.22	
100-42-5	Styrene	ND	2.3	ND	0.53	
95-47-6	o-Xylene	ND	2.3	ND	0.52	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ND	0.33	
622-96-8	4-Ethyltoluene	ND	2.3	ND	0.46	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	ND	0.46	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	ND	0.46	
100-44-7	Benzyl Chloride	ND	2.3	ND	0.43	
541-73-1	1,3-Dichlorobenzene	ND	2.3	ND	0.37	
106-46-7	1,4-Dichlorobenzene	< 3.1 U	2.3	< 0.51 U	0.37	
95-50-1	1,2-Dichlorobenzene	ND	2.3	ND	0.37	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	ND	0.30	
87-68-3	Hexachlorobutadiene	ND	2.3	ND	0.21	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-005

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00269

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.0 Pf 1 = 10.0
Can D.F. = 1.80

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP01-062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00435

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.0
Can D.F. = 1.93

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.4	ND	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	< 6.5 U	2.4	< 1.3 U	0.49	
74-87-3	Chloromethane	ND	2.4	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.35	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.94	
106-99-0	1,3-Butadiene	ND	2.4	ND	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.62	
75-00-3	Chloroethane	ND	2.4	ND	0.91	
67-64-1	Acetone	< 45 U	24	< 19 U	10	M
75-69-4	Trichlorofluoromethane	12	2.4	2.2	0.43	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.4	ND	0.98	
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.61	
75-09-2	Methylene chloride	ND	2.4	ND	0.69	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.77	
76-13-1	Trichlorotrifluoroethane	5.5	2.4	0.72	0.31	
75-15-0	Carbon Disulfide	33	2.4	11	0.78	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.61	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.60	
1634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.67	
108-05-4	Vinyl Acetate	< 21 U	4.8	< 6.1 U	1.4	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: W Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP01-062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00435

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.0
Can D.F. = 1.93

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	<10 U	4.8	<3.5 U	1.6	
156-59-2	cis-1,2-Dichloroethene	ND	2.4	ND	0.61	
141-78-6	Ethyl Acetate	ND	2.4	ND	0.67	
110-54-3	n-Hexane	ND	2.4	ND	0.68	
67-66-3	Chloroform	240	2.4	49	0.49	
109-99-9	Tetrahydrofuran (THF)	ND	2.4	ND	0.82	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.60	
71-55-6	1,1,1-Trichloroethane	ND	2.4	ND	0.44	
71-43-2	Benzene	ND	2.4	ND	0.76	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.38	
110-82-7	Cyclohexane	ND	2.4	ND	0.70	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.52	
75-27-4	Bromodichloromethane	5.4	2.4	0.81	0.36	
79-01-6	Trichloroethene	33	2.4	6.1	0.45	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.67	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.4	ND	0.52	
142-82-5	n-Heptane	ND	2.4	ND	0.59	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.53	
108-10-1	4-Methyl-2-pentanone	ND	2.4	ND	0.59	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.53	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.44	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP01-062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-006

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00435

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.0

Can D.F. = 1.93

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	2.4	ND	0.64	
591-78-6	2-Hexanone	ND	2.4	ND	0.59	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.28	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.31	
127-18-4	Tetrachloroethene	**760**	2.4	**110**	0.36	
108-90-7	Chlorobenzene	ND	2.4	ND	0.52	
100-41-4	Ethylbenzene	ND	2.4	ND	0.56	
179601-23-1	*m,p*-Xylenes	ND	4.8	ND	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.23	
100-42-5	Styrene	ND	2.4	ND	0.57	
95-47-6	o-Xylene	ND	2.4	ND	0.56	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.35	
622-96-8	4-Ethyltoluene	ND	2.4	ND	0.49	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.49	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	ND	0.49	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.47	
541-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.40	
106-46-7	1,4-Dichlorobenzene	**<3.5**	2.4	**<0.57**	0.40	
95-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.40	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.33	
87-68-3	Hexachlorobutadiene	ND	2.4	ND	0.23	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **DUP01-062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-006

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00435

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.0
Can D.F. = 1.93

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: [signature] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00476

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.0

Can D.F. = 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.3	ND	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	<4.4 U	2.3	<0.90 U	0.47	
74-87-3	Chloromethane	2.5	2.3	1.2	1.1	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.3	ND	0.33	
75-01-4	Vinyl Chloride	ND	2.3	ND	0.91	
106-99-0	1,3-Butadiene	ND	2.3	ND	1.1	
74-83-9	Bromomethane	ND	2.3	ND	0.60	
75-00-3	Chloroethane	ND	2.3	ND	0.88	
67-64-1	Acetone	<48 U	23	<20 U	9.8	M
75-69-4	Trichlorofluoromethane	6.6	2.3	1.2	0.41	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.3	ND	0.95	
75-35-4	1,1-Dichloroethene	ND	2.3	ND	0.59	
75-09-2	Methylene chloride	ND	2.3	ND	0.67	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.3	ND	0.74	
76-13-1	Trichlorotrifluoroethane	13	2.3	1.7	0.30	
75-15-0	Carbon Disulfide	70	2.3	22	0.75	
156-60-5	trans-1,2-Dichloroethene	ND	2.3	ND	0.59	
75-34-3	1,1-Dichloroethane	ND	2.3	ND	0.57	
1634-04-4	Methyl tert-Butyl Ether	ND	2.3	ND	0.65	
108-05-4	Vinyl Acetate	<18 U	4.7	<5.2 U	1.3	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: WJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00476

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.0
Can D.F. = 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	<11 U	4.7	<3.8 U	1.6	
156-59-2	cis-1,2-Dichloroethene	ND	2.3	ND	0.59	
141-78-6	Ethyl Acetate	ND	2.3	ND	0.65	
110-54-3	n-Hexane	ND	2.3	ND	0.66	
67-66-3	Chloroform	ND	2.3	ND	0.48	
109-99-9	Tetrahydrofuran (THF)	ND	2.3	ND	0.79	
107-06-2	1,2-Dichloroethane	ND	2.3	ND	0.57	
71-55-6	1,1,1-Trichloroethane	ND	2.3	ND	0.43	
71-43-2	Benzene	ND	2.3	ND	0.73	
56-23-5	Carbon Tetrachloride	ND	2.3	ND	0.37	
110-82-7	Cyclohexane	ND	2.3	ND	0.68	
78-87-5	1,2-Dichloropropane	ND	2.3	ND	0.50	
75-27-4	Bromodichloromethane	ND	2.3	ND	0.35	
79-01-6	Trichloroethene	14	2.3	2.7	0.43	
123-91-1	1,4-Dioxane	ND	2.3	ND	0.65	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.3	ND	0.50	
142-82-5	n-Heptane	ND	2.3	ND	0.57	
10061-01-5	cis-1,3-Dichloropropene	ND	2.3	ND	0.51	
108-10-1	4-Methyl-2-pentanone	ND	2.3	ND	0.57	
10061-02-6	trans-1,3-Dichloropropene	ND	2.3	ND	0.51	
79-00-5	1,1,2-Trichloroethane	ND	2.3	ND	0.43	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-007

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00476

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/6/07 & 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)
0.10 Liter(s)

Pi 1 = -1.4 Pf 1 = 10.0
Can D.F. = 1.86

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	2.3	ND	0.62	
591-78-6	2-Hexanone	<2.4 U	2.3	<0.59 U	0.57	
124-48-1	Dibromochloromethane	ND	2.3	ND	0.27	
106-93-4	1,2-Dibromoethane	ND	2.3	ND	0.30	
127-18-4	Tetrachloroethene	**1,100**	2.3	**160**	0.34	
108-90-7	Chlorobenzene	ND	2.3	ND	0.51	
100-41-4	Ethylbenzene	ND	2.3	ND	0.54	
179601-23-1	*m,p*-Xylenes	ND	4.7	ND	1.1	
75-25-2	Bromoform	ND	2.3	ND	0.22	
100-42-5	Styrene	ND	2.3	ND	0.55	
95-47-6	o-Xylene	ND	2.3	ND	0.54	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.3	ND	0.34	
622-96-8	4-Ethyltoluene	ND	2.3	ND	0.47	
108-67-8	1,3,5-Trimethylbenzene	ND	2.3	ND	0.47	
95-63-6	1,2,4-Trimethylbenzene	ND	2.3	ND	0.47	
100-44-7	Benzyl Chloride	ND	2.3	ND	0.45	
541-73-1	1,3-Dichlorobenzene	ND	2.3	ND	0.39	
106-46-7	1,4-Dichlorobenzene	<11 U	2.3	<1.8 U	0.39	
95-50-1	1,2-Dichlorobenzene	ND	2.3	ND	0.39	
120-82-1	1,2,4-Trichlorobenzene	ND	2.3	ND	0.31	
87-68-3	Hexachlorobutadiene	ND	2.3	ND	0.22	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: pw Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-3** CAS Project ID: P2701851
Client Project ID: **Salt River Project/10108.000.0** CAS Sample ID: P2701851-007

Tentatively Identified Compounds

Test Code: EPA TO-15 Date Collected: 6/20/07
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2 Date Received: 6/22/07
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Analyzed: 7/6/07 & 7/9/07
Analyst: Chaney Humphrey/Wida Ang Volume(s) Analyzed: 0.40 Liter(s)
Sampling Media: Summa Canister 0.10 Liter(s)
Test Notes:
Container ID: 1SC00476 Pi 1 = -1.4 Pf 1 = 10.0
Can D.F. = 1.86

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00487

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 0.20 Liter(s)
0.015 Liter(s)

Pi 1 = -2.7 Pf 1 = 10.5
Can D.F. = 2.10

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	**13**	5.3	**7.7**	3.1	M
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	5.3	ND	1.1	
74-87-3	Chloromethane	ND	5.3	ND	2.5	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	5.3	ND	0.75	
75-01-4	Vinyl Chloride	ND	5.3	ND	2.1	
106-99-0	1,3-Butadiene	ND	5.3	ND	2.4	
74-83-9	Bromomethane	ND	5.3	ND	1.4	
75-00-3	Chloroethane	ND	5.3	ND	2.0	
67-64-1	Acetone	ND	53	ND	22	
75-69-4	Trichlorofluoromethane	**7.2**	5.3	**1.3**	0.93	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	5.3	ND	2.1	
75-35-4	1,1-Dichloroethene	ND	5.3	ND	1.3	
75-09-2	Methylene chloride	ND	5.3	ND	1.5	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	5.3	ND	1.7	
76-13-1	Trichlorotrifluoroethane	ND	5.3	ND	0.69	
75-15-0	Carbon Disulfide	**6.2**	5.3	**2.0**	1.7	
156-60-5	trans-1,2-Dichloroethene	ND	5.3	ND	1.3	
75-34-3	1,1-Dichloroethane	ND	5.3	ND	1.3	
1634-04-4	Methyl tert-Butyl Ether	ND	5.3	ND	1.5	
108-05-4	Vinyl Acetate	ND	11	ND	3.0	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.

Verified By: KJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00487

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 0.20 Liter(s)
0.015 Liter(s)

Pi 1 = -2.7 Pf 1 = 10.5
Can D.F. = 2.10

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	<11 U	11	<3.7 U	3.6	
156-59-2	cis-1,2-Dichloroethene	ND	5.3	ND	1.3	
141-78-6	Ethyl Acetate	ND	5.3	ND	1.5	
110-54-3	n-Hexane	ND	5.3	ND	1.5	
67-66-3	Chloroform	36	5.3	7.4	1.1	
109-99-9	Tetrahydrofuran (THF)	ND	5.3	ND	1.8	
107-06-2	1,2-Dichloroethane	ND	5.3	ND	1.3	
71-55-6	1,1,1-Trichloroethane	ND	5.3	ND	0.96	
71-43-2	Benzene	ND	5.3	ND	1.6	
56-23-5	Carbon Tetrachloride	ND	5.3	ND	0.83	
110-82-7	Cyclohexane	ND	5.3	ND	1.5	
78-87-5	1,2-Dichloropropane	ND	5.3	ND	1.1	
75-27-4	Bromodichloromethane	ND	5.3	ND	0.78	
79-01-6	Trichloroethene	88	5.3	16	0.98	
123-91-1	1,4-Dioxane	ND	5.3	ND	1.5	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	5.3	ND	1.1	
142-82-5	n-Heptane	ND	5.3	ND	1.3	
10061-01-5	cis-1,3-Dichloropropene	ND	5.3	ND	1.2	
108-10-1	4-Methyl-2-pentanone	ND	5.3	ND	1.3	
10061-02-6	trans-1,3-Dichloropropene	ND	5.3	ND	1.2	
79-00-5	1,1,2-Trichloroethane	ND	5.3	ND	0.96	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-008

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00487

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 0.20 Liter(s)
0.015 Liter(s)

Pi 1 = -2.7 Pf 1 = 10.5
Can D.F. = 2.10

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	5.3	ND	1.4	
591-78-6	2-Hexanone	ND	5.3	ND	1.3	
124-48-1	Dibromochloromethane	ND	5.3	ND	0.62	
106-93-4	1,2-Dibromoethane	ND	5.3	ND	0.68	
127-18-4	Tetrachloroethene	**6,600**	5.3	**970**	0.77	
108-90-7	Chlorobenzene	ND	5.3	ND	1.1	
100-41-4	Ethylbenzene	ND	5.3	ND	1.2	
179601-23-1	*m,p*-Xylenes	ND	11	ND	2.4	
75-25-2	Bromoform	ND	5.3	ND	0.51	
100-42-5	Styrene	ND	5.3	ND	1.2	
95-47-6	o-Xylene	ND	5.3	ND	1.2	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.3	ND	0.76	
622-96-8	4-Ethyltoluene	ND	5.3	ND	1.1	
108-67-8	1,3,5-Trimethylbenzene	ND	5.3	ND	1.1	
95-63-6	1,2,4-Trimethylbenzene	ND	5.3	ND	1.1	
100-44-7	Benzyl Chloride	ND	5.3	ND	1.0	
541-73-1	1,3-Dichlorobenzene	ND	5.3	ND	0.87	
106-46-7	1,4-Dichlorobenzene	ND	5.3	ND	0.87	
95-50-1	1,2-Dichlorobenzene	ND	5.3	ND	0.87	
120-82-1	1,2,4-Trichlorobenzene	ND	5.3	ND	0.71	
87-68-3	Hexachlorobutadiene	ND	5.3	ND	0.49	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW1-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-008

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00487

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/9/07
Volume(s) Analyzed: 0.20 Liter(s)
0.015 Liter(s)

Pi 1 = -2.7 Pf 1 = 10.5
Can D.F. = 2.10

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00352

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/10/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.3

Can D.F. = 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	2.4	ND	1.4	
75-71-8	Dichlorodifluoromethane (CFC 12)	**2.5**	2.4	**0.50**	0.49	
74-87-3	Chloromethane	ND	2.4	ND	1.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	2.4	ND	0.35	
75-01-4	Vinyl Chloride	ND	2.4	ND	0.95	
106-99-0	1,3-Butadiene	ND	2.4	ND	1.1	
74-83-9	Bromomethane	ND	2.4	ND	0.63	
75-00-3	Chloroethane	ND	2.4	ND	0.92	
67-64-1	Acetone	**59**	24	**25**	10	**M**
75-69-4	Trichlorofluoromethane	ND	2.4	ND	0.43	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	2.4	ND	0.99	
75-35-4	1,1-Dichloroethene	ND	2.4	ND	0.62	
75-09-2	Methylene chloride	ND	2.4	ND	0.70	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	2.4	ND	0.78	
76-13-1	Trichlorotrifluoroethane	ND	2.4	ND	0.32	
75-15-0	Carbon Disulfide	ND	2.4	ND	0.78	
156-60-5	trans-1,2-Dichloroethene	ND	2.4	ND	0.62	
75-34-3	1,1-Dichloroethane	ND	2.4	ND	0.60	
1634-04-4	Methyl tert-Butyl Ether	ND	2.4	ND	0.68	
108-05-4	Vinyl Acetate	**11**	4.9	**3.1**	1.4	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Verified By: w Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00352

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/10/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.3

Can D.F. = 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	13	4.9	4.4	1.7	
156-59-2	cis-1,2-Dichloroethene	ND	2.4	ND	0.62	
141-78-6	Ethyl Acetate	ND	2.4	ND	0.68	
110-54-3	n-Hexane	ND	2.4	ND	0.69	
67-66-3	Chloroform	ND	2.4	ND	0.50	
109-99-9	Tetrahydrofuran (THF)	ND	2.4	ND	0.83	
107-06-2	1,2-Dichloroethane	ND	2.4	ND	0.60	
71-55-6	1,1,1-Trichloroethane	ND	2.4	ND	0.45	
71-43-2	Benzene	ND	2.4	ND	0.76	
56-23-5	Carbon Tetrachloride	ND	2.4	ND	0.39	
110-82-7	Cyclohexane	ND	2.4	ND	0.71	
78-87-5	1,2-Dichloropropane	ND	2.4	ND	0.53	
75-27-4	Bromodichloromethane	ND	2.4	ND	0.36	
79-01-6	Trichloroethene	ND	2.4	ND	0.45	
123-91-1	1,4-Dioxane	ND	2.4	ND	0.68	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	2.4	ND	0.52	
142-82-5	n-Heptane	ND	2.4	ND	0.60	
10061-01-5	cis-1,3-Dichloropropene	ND	2.4	ND	0.54	
108-10-1	4-Methyl-2-pentanone	ND	2.4	ND	0.60	
10061-02-6	trans-1,3-Dichloropropene	ND	2.4	ND	0.54	
79-00-5	1,1,2-Trichloroethane	ND	2.4	ND	0.45	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: ___ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-009

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00352

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/10/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.3

Can D.F. = 1.95

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	2.4	ND	0.65	
591-78-6	2-Hexanone	**2.8**	2.4	**0.69**	0.60	
124-48-1	Dibromochloromethane	ND	2.4	ND	0.29	
106-93-4	1,2-Dibromoethane	ND	2.4	ND	0.32	
127-18-4	Tetrachloroethene	ND	2.4	ND	0.36	
108-90-7	Chlorobenzene	ND	2.4	ND	0.53	
100-41-4	Ethylbenzene	ND	2.4	ND	0.56	
179601-23-1	*m,p*-Xylenes	ND	4.9	ND	1.1	
75-25-2	Bromoform	ND	2.4	ND	0.24	
100-42-5	Styrene	ND	2.4	ND	0.57	
95-47-6	o-Xylene	ND	2.4	ND	0.56	
79-34-5	1,1,2,2-Tetrachloroethane	ND	2.4	ND	0.36	
622-96-8	4-Ethyltoluene	ND	2.4	ND	0.50	
108-67-8	1,3,5-Trimethylbenzene	ND	2.4	ND	0.50	
95-63-6	1,2,4-Trimethylbenzene	ND	2.4	ND	0.50	
100-44-7	Benzyl Chloride	ND	2.4	ND	0.47	
541-73-1	1,3-Dichlorobenzene	ND	2.4	ND	0.41	
106-46-7	1,4-Dichlorobenzene	**2.7**	2.4	**0.44**	0.41	
95-50-1	1,2-Dichlorobenzene	ND	2.4	ND	0.41	
120-82-1	1,2,4-Trichlorobenzene	ND	2.4	ND	0.33	
87-68-3	Hexachlorobutadiene	ND	2.4	ND	0.23	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: µ Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **AB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-009

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00352

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/10/07
Volume(s) Analyzed: 0.40 Liter(s)

Pi 1 = -1.9 Pf 1 = 10.3
Can D.F. = 1.95

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00486

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9 - 7/10/07
Volume(s) Analyzed: 0.15 Liter(s)
0.050 Liter(s)

Pi 1 = -2.2 Pf 1 = 10.0
Can D.F. = 1.98

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	6.6	ND	3.8	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	6.6	ND	1.3	
74-87-3	Chloromethane	ND	6.6	ND	3.2	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	6.6	ND	0.94	
75-01-4	Vinyl Chloride	ND	6.6	ND	2.6	
106-99-0	1,3-Butadiene	ND	6.6	ND	3.0	
74-83-9	Bromomethane	ND	6.6	ND	1.7	
75-00-3	Chloroethane	ND	6.6	ND	2.5	
67-64-1	Acetone	ND	66	ND	28	
75-69-4	Trichlorofluoromethane	ND	6.6	ND	1.2	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	6.6	ND	2.7	
75-35-4	1,1-Dichloroethene	ND	6.6	ND	1.7	
75-09-2	Methylene chloride	ND	6.6	ND	1.9	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	6.6	ND	2.1	
76-13-1	Trichlorotrifluoroethane	**20**	6.6	**2.6**	0.86	
75-15-0	Carbon Disulfide	**17**	6.6	**5.5**	2.1	
156-60-5	trans-1,2-Dichloroethene	ND	6.6	ND	1.7	
75-34-3	1,1-Dichloroethane	ND	6.6	ND	1.6	
1634-04-4	Methyl tert-Butyl Ether	ND	6.6	ND	1.8	
108-05-4	Vinyl Acetate	< 21	13	< 6.0	3.8	V

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Verified By: KJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00486

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9 - 7/10/07
Volume(s) Analyzed: 0.15 Liter(s)
0.050 Liter(s)

Pi 1 = -2.2 Pf 1 = 10.0

Can D.F. = 1.98

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	13	ND	4.5	
156-59-2	cis-1,2-Dichloroethene	ND	6.6	ND	1.7	
141-78-6	Ethyl Acetate	ND	6.6	ND	1.8	
110-54-3	n-Hexane	ND	6.6	ND	1.9	
67-66-3	Chloroform	ND	6.6	ND	1.4	
109-99-9	Tetrahydrofuran (THF)	ND	6.6	ND	2.2	
107-06-2	1,2-Dichloroethane	ND	6.6	ND	1.6	
71-55-6	1,1,1-Trichloroethane	ND	6.6	ND	1.2	
71-43-2	Benzene	ND	6.6	ND	2.1	
56-23-5	Carbon Tetrachloride	ND	6.6	ND	1.0	
110-82-7	Cyclohexane	ND	6.6	ND	1.9	
78-87-5	1,2-Dichloropropane	ND	6.6	ND	1.4	
75-27-4	Bromodichloromethane	ND	6.6	ND	0.99	
79-01-6	Trichloroethene	**56**	6.6	**10**	1.2	
123-91-1	1,4-Dioxane	ND	6.6	ND	1.8	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	6.6	ND	1.4	
142-82-5	n-Heptane	ND	6.6	ND	1.6	
10061-01-5	cis-1,3-Dichloropropene	ND	6.6	ND	1.5	
108-10-1	4-Methyl-2-pentanone	ND	6.6	ND	1.6	
10061-02-6	trans-1,3-Dichloropropene	ND	6.6	ND	1.5	
79-00-5	1,1,2-Trichloroethane	ND	6.6	ND	1.2	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [signature] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-010

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00486

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9 - 7/10/07
Volume(s) Analyzed: 0.15 Liter(s)
0.050 Liter(s)

Pi 1 = -2.2 Pf 1 = 10.0
Can D.F. = 1.98

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	6.6	ND	1.8	
591-78-6	2-Hexanone	ND	6.6	ND	1.6	
124-48-1	Dibromochloromethane	ND	6.6	ND	0.78	
106-93-4	1,2-Dibromoethane	ND	6.6	ND	0.86	
127-18-4	Tetrachloroethene	**2,800**	6.6	**420**	0.97	
108-90-7	Chlorobenzene	ND	6.6	ND	1.4	
100-41-4	Ethylbenzene	ND	6.6	ND	1.5	
179601-23-1	*m,p*-Xylenes	ND	13	ND	3.0	
75-25-2	Bromoform	ND	6.6	ND	0.64	
100-42-5	Styrene	ND	6.6	ND	1.6	
95-47-6	o-Xylene	ND	6.6	ND	1.5	
79-34-5	1,1,2,2-Tetrachloroethane	ND	6.6	ND	0.96	
622-96-8	4-Ethyltoluene	ND	6.6	ND	1.3	
108-67-8	1,3,5-Trimethylbenzene	ND	6.6	ND	1.3	
95-63-6	1,2,4-Trimethylbenzene	ND	6.6	ND	1.3	
100-44-7	Benzyl Chloride	ND	6.6	ND	1.3	
541-73-1	1,3-Dichlorobenzene	ND	6.6	ND	1.1	
106-46-7	1,4-Dichlorobenzene	ND	6.6	ND	1.1	
95-50-1	1,2-Dichlorobenzene	ND	6.6	ND	1.1	
120-82-1	1,2,4-Trichlorobenzene	ND	6.6	ND	0.89	
87-68-3	Hexachlorobutadiene	ND	6.6	ND	0.62	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: KJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **SVMW2-4**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-010

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00486

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/9 - 7/10/07
Volume(s) Analyzed: 0.15 Liter(s)
0.050 Liter(s)

Pi 1 = -2.2 Pf 1 = 10.0
Can D.F. = 1.98

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: WJ Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00170

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	1.3	ND	0.73	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	1.3	ND	0.25	
74-87-3	Chloromethane	ND	1.3	ND	0.61	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	1.3	ND	0.18	
75-01-4	Vinyl Chloride	ND	1.3	ND	0.49	
106-99-0	1,3-Butadiene	ND	1.3	ND	0.57	
74-83-9	Bromomethane	ND	1.3	ND	0.32	
75-00-3	Chloroethane	ND	1.3	ND	0.47	
67-64-1	Acetone	**15**	13	**6.3**	5.3	**M**
75-69-4	Trichlorofluoromethane	ND	1.3	ND	0.22	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	1.3	ND	0.51	
75-35-4	1,1-Dichloroethene	ND	1.3	ND	0.32	
75-09-2	Methylene chloride	ND	1.3	ND	0.36	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	1.3	ND	0.40	
76-13-1	Trichlorotrifluoroethane	ND	1.3	ND	0.16	
75-15-0	Carbon Disulfide	ND	1.3	ND	0.40	
156-60-5	trans-1,2-Dichloroethene	ND	1.3	ND	0.32	
75-34-3	1,1-Dichloroethane	ND	1.3	ND	0.31	
1634-04-4	Methyl tert-Butyl Ether	ND	1.3	ND	0.35	
108-05-4	Vinyl Acetate	**3.8**	2.5	**1.1**	0.71	**V**

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.
M = Matrix interference due to coelution with a non-target compound; results may be biased high.
V = The continuing calibration verification standard was outside (biased high) the specified limits for this compound.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00170

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	**3.6**	2.5	**1.2**	0.85	
156-59-2	cis-1,2-Dichloroethene	ND	1.3	ND	0.32	
141-78-6	Ethyl Acetate	ND	1.3	ND	0.35	
110-54-3	n-Hexane	ND	1.3	ND	0.35	
67-66-3	Chloroform	ND	1.3	ND	0.26	
109-99-9	Tetrahydrofuran (THF)	ND	1.3	ND	0.42	
107-06-2	1,2-Dichloroethane	ND	1.3	ND	0.31	
71-55-6	1,1,1-Trichloroethane	ND	1.3	ND	0.23	
71-43-2	Benzene	ND	1.3	ND	0.39	
56-23-5	Carbon Tetrachloride	ND	1.3	ND	0.20	
110-82-7	Cyclohexane	ND	1.3	ND	0.36	
78-87-5	1,2-Dichloropropane	ND	1.3	ND	0.27	
75-27-4	Bromodichloromethane	ND	1.3	ND	0.19	
79-01-6	Trichloroethene	ND	1.3	ND	0.23	
123-91-1	1,4-Dioxane	ND	1.3	ND	0.35	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	1.3	ND	0.27	
142-82-5	n-Heptane	ND	1.3	ND	0.31	
10061-01-5	cis-1,3-Dichloropropene	ND	1.3	ND	0.28	
108-10-1	4-Methyl-2-pentanone	ND	1.3	ND	0.31	
10061-02-6	trans-1,3-Dichloropropene	ND	1.3	ND	0.28	
79-00-5	1,1,2-Trichloroethane	ND	1.3	ND	0.23	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-011

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00170

Date Collected: 6/20/07
Date Received: 6/22/07
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	1.3	ND	0.33	
591-78-6	2-Hexanone	ND	1.3	ND	0.31	
124-48-1	Dibromochloromethane	ND	1.3	ND	0.15	
106-93-4	1,2-Dibromoethane	ND	1.3	ND	0.16	
127-18-4	Tetrachloroethene	ND	1.3	ND	0.18	
108-90-7	Chlorobenzene	ND	1.3	ND	0.27	
100-41-4	Ethylbenzene	ND	1.3	ND	0.29	
179601-23-1	*m,p*-Xylenes	ND	2.5	ND	0.58	
75-25-2	Bromoform	ND	1.3	ND	0.12	
100-42-5	Styrene	ND	1.3	ND	0.29	
95-47-6	o-Xylene	ND	1.3	ND	0.29	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.3	ND	0.18	
622-96-8	4-Ethyltoluene	ND	1.3	ND	0.25	
108-67-8	1,3,5-Trimethylbenzene	ND	1.3	ND	0.25	
95-63-6	1,2,4-Trimethylbenzene	ND	1.3	ND	0.25	
100-44-7	Benzyl Chloride	ND	1.3	ND	0.24	
541-73-1	1,3-Dichlorobenzene	ND	1.3	ND	0.21	
106-46-7	1,4-Dichlorobenzene	ND	1.3	ND	0.21	
95-50-1	1,2-Dichlorobenzene	ND	1.3	ND	0.21	
120-82-1	1,2,4-Trichlorobenzene	ND	1.3	ND	0.17	
87-68-3	Hexachlorobutadiene	ND	1.3	ND	0.12	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: PJ Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **EB062007**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P2701851-011

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:
Container ID: 1SC00170

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/9/07
Volume(s) Analyzed: 0.40 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: ω Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070705-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit.**
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: WJ Date: 7/13/07

01851VOA.SC1 - MBlank

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070705-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	0.50	ND	0.11	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: LJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070705-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: ____ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070705-MB

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/5/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	
108-05-4	Vinyl Acetate	ND	1.0	ND	0.28	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	0.50	ND	0.11	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: ___ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
115-07-1	Propene	ND	0.50	ND	0.29	
75-71-8	Dichlorodifluoromethane (CFC 12)	ND	0.50	ND	0.10	
74-87-3	Chloromethane	ND	0.50	ND	0.24	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	ND	0.50	ND	0.072	
75-01-4	Vinyl Chloride	ND	0.50	ND	0.20	
106-99-0	1,3-Butadiene	ND	0.50	ND	0.23	
74-83-9	Bromomethane	ND	0.50	ND	0.13	
75-00-3	Chloroethane	ND	0.50	ND	0.19	
67-64-1	Acetone	ND	5.0	ND	2.1	
75-69-4	Trichlorofluoromethane	ND	0.50	ND	0.089	
67-63-0	2-Propanol (Isopropyl Alcohol)	ND	0.50	ND	0.20	
75-35-4	1,1-Dichloroethene	ND	0.50	ND	0.13	
75-09-2	Methylene chloride	ND	0.50	ND	0.14	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	ND	0.50	ND	0.16	
76-13-1	Trichlorotrifluoroethane	ND	0.50	ND	0.065	
75-15-0	Carbon Disulfide	ND	0.50	ND	0.16	
156-60-5	trans-1,2-Dichloroethene	ND	0.50	ND	0.13	
75-34-3	1,1-Dichloroethane	ND	0.50	ND	0.12	
1634-04-4	Methyl tert-Butyl Ether	ND	0.50	ND	0.14	

ND = Compound was analyzed for, but not detected above the **laboratory reporting limit**.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
78-93-3	2-Butanone (MEK)	ND	1.0	ND	0.34	
156-59-2	cis-1,2-Dichloroethene	ND	0.50	ND	0.13	
141-78-6	Ethyl Acetate	ND	0.50	ND	0.14	
110-54-3	n-Hexane	ND	0.50	ND	0.14	
67-66-3	Chloroform	ND	0.50	ND	0.10	
109-99-9	Tetrahydrofuran (THF)	ND	0.50	ND	0.17	
107-06-2	1,2-Dichloroethane	ND	0.50	ND	0.12	
71-55-6	1,1,1-Trichloroethane	ND	0.50	ND	0.092	
71-43-2	Benzene	ND	0.50	ND	0.16	
56-23-5	Carbon Tetrachloride	ND	0.50	ND	0.080	
110-82-7	Cyclohexane	ND	0.50	ND	0.15	
78-87-5	1,2-Dichloropropane	ND	0.50	ND	0.11	
75-27-4	Bromodichloromethane	ND	0.50	ND	0.075	
79-01-6	Trichloroethene	ND	0.50	ND	0.093	
123-91-1	1,4-Dioxane	ND	0.50	ND	0.14	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	ND	0.50	ND	0.11	
142-82-5	n-Heptane	ND	0.50	ND	0.12	
10061-01-5	cis-1,3-Dichloropropene	ND	0.50	ND	0.11	
108-10-1	4-Methyl-2-pentanone	ND	0.50	ND	0.12	
10061-02-6	trans-1,3-Dichloropropene	ND	0.50	ND	0.11	
79-00-5	1,1,2-Trichloroethane	ND	0.50	ND	0.092	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date(s) Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
108-88-3	Toluene	ND	0.50	ND	0.13	
591-78-6	2-Hexanone	ND	0.50	ND	0.12	
124-48-1	Dibromochloromethane	ND	0.50	ND	0.059	
106-93-4	1,2-Dibromoethane	ND	0.50	ND	0.065	
127-18-4	Tetrachloroethene	ND	0.50	ND	0.074	
108-90-7	Chlorobenzene	ND	0.50	ND	0.11	
100-41-4	Ethylbenzene	ND	0.50	ND	0.12	
179601-23-1	*m,p*-Xylenes	ND	1.0	ND	0.23	
75-25-2	Bromoform	ND	0.50	ND	0.048	
100-42-5	Styrene	ND	0.50	ND	0.12	
95-47-6	o-Xylene	ND	0.50	ND	0.12	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.50	ND	0.073	
622-96-8	4-Ethyltoluene	ND	0.50	ND	0.10	
108-67-8	1,3,5-Trimethylbenzene	ND	0.50	ND	0.10	
95-63-6	1,2,4-Trimethylbenzene	ND	0.50	ND	0.10	
100-44-7	Benzyl Chloride	ND	0.50	ND	0.097	
541-73-1	1,3-Dichlorobenzene	ND	0.50	ND	0.083	
106-46-7	1,4-Dichlorobenzene	ND	0.50	ND	0.083	
95-50-1	1,2-Dichlorobenzene	ND	0.50	ND	0.083	
120-82-1	1,2,4-Trichlorobenzene	ND	0.50	ND	0.067	
87-68-3	Hexachlorobutadiene	ND	0.50	ND	0.047	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

Verified By: [signature] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Method Blank**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-MB

Tentatively Identified Compounds

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: 1.00 Liter(s)

D.F. = 1.00

GC / MS Ret. Time	Compound Identification	Concentration µg/m³	Data Qualifier
	Bromoethene (Vinyl Bromide)	NF	
	Isobutylene	NF	

NF = Compound was searched for, but not found.

Verified By: PY Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851

Surrogate Spike Recovery Results

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Chaney Humphrey/Wida Ang
Sampling Media: Summa Canister(s)
Test Notes:

Date Collected: 6/20/07
Date Received: 6/22/07
Date Analyzed: 7/5 - 7/10/07

Client Sample ID	CAS Sample ID	1,2-Dichloroethane-d4		Toluene-d8		Bromofluorobenzene		Data Qualifier
		% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	% Recovered	Acceptance Limits	
Method Blank	P070705-MB	98	70-130	95	70-130	113	70-130	
Method Blank	P070709-MB	95	70-130	101	70-130	109	70-130	
Method Blank	P070709-MB	102	70-130	98	70-130	98	70-130	
Lab Control Sample	P070705-LCS	103	70-130	93	70-130	113	70-130	
Lab Control Sample	P070709-LCS	98	70-130	100	70-130	110	70-130	
Lab Control Sample	P070709-LCS	96	70-130	98	70-130	101	70-130	
Duplicate Lab Control Sample	P070705-DLCS	102	70-130	94	70-130	115	70-130	
Duplicate Lab Control Sample	P070709-DLCS	97	70-130	100	70-130	109	70-130	
SVMW1-1	P2701851-001	98	70-130	91	70-130	113	70-130	
SVMW2-1	P2701851-002	97	70-130	91	70-130	114	70-130	
SVMW1-2	P2701851-003	97	70-130	91	70-130	115	70-130	
SVMW2-2	P2701851-004	97	70-130	91	70-130	115	70-130	
SVMW1-3	P2701851-005	98	70-130	92	70-130	114	70-130	
DUP01-062007	P2701851-006	98	70-130	91	70-130	114	70-130	
SVMW2-3	P2701851-007	98	70-130	90	70-130	115	70-130	
SVMW1-4	P2701851-008	97	70-130	96	70-130	108	70-130	
AB062007	P2701851-009	94	70-130	100	70-130	107	70-130	
SVMW2-4	P2701851-010	96	70-130	99	70-130	108	70-130	
EB062007	P2701851-011	95	70-130	101	70-130	109	70-130	

Verified By: MJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : Salt River Project/10108.000.0

CAS Project ID: P2701851
CAS Sample ID: P070705-LCS, P070705-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/5/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Propene	25.8	21.2	21.0	82	81	70-130	1	25	
Dichlorodifluoromethane (CFC 12)	25.5	28.3	27.5	111	108	70-130	3	25	
Chloromethane	24.3	20.4	20.1	84	83	70-130	1	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	26.7	25.8	105	101	70-130	4	25	
Vinyl Chloride	24.8	25.5	23.1	103	93	70-130	10	25	
1,3-Butadiene	26.0	25.4	25.1	98	97	70-130	1	25	
Bromomethane	25.0	26.6	26.2	106	105	70-130	0.9	25	
Chloroethane	25.0	23.7	23.3	95	93	70-130	2	25	
Acetone	26.5	20.8	20.6	78	78	70-130	0	25	
Trichlorofluoromethane	24.3	26.8	25.9	110	107	70-130	3	25	
2-Propanol (Isopropyl Alcohol)	24.5	21.7	20.9	89	85	70-130	5	25	
1,1-Dichloroethene	27.3	27.6	27.3	101	100	70-130	1	25	
Methylene chloride	26.8	25.9	25.7	97	96	70-130	1	25	
3-Chloro-1-propene (Allyl Chloride)	26.0	24.6	24.3	95	93	70-130	2	25	
Trichlorotrifluoroethane	27.0	29.7	29.3	110	109	70-130	0.9	25	
Carbon Disulfide	25.0	23.5	23.3	94	93	70-130	1	25	
trans-1,2-Dichloroethene	26.3	27.2	26.9	103	102	70-130	1	25	
1,1-Dichloroethane	26.3	26.2	25.4	100	97	70-130	3	25	
Methyl tert-Butyl Ether	26.3	28.5	28.1	108	107	70-130	0.9	25	
Vinyl Acetate	24.3	27.3	26.0	112	107	70-130	5	25	

Verified By: [illegible] Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070705-LCS, P070705-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/5/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
2-Butanone (MEK)	26.8	25.4	24.9	95	93	70-130	2	25	
cis-1,2-Dichloroethene	26.5	26.7	26.2	101	99	70-130	2	25	
Ethyl Acetate	29.8	29.5	29.1	99	98	70-130	1	25	
n-Hexane	26.8	24.7	24.5	92	91	70-130	1	25	
Chloroform	30.0	29.9	29.0	100	97	70-130	3	25	
Tetrahydrofuran (THF)	26.5	25.7	25.0	97	94	70-130	3	25	
1,2-Dichloroethane	26.0	29.9	28.9	115	111	70-130	4	25	
1,1,1-Trichloroethane	26.3	29.9	29.7	114	113	70-130	0.9	25	
Benzene	26.3	25.0	24.8	95	94	70-130	1	25	
Carbon Tetrachloride	25.8	26.8	26.1	104	101	70-130	3	25	
Cyclohexane	26.5	26.1	25.9	98	98	70-130	0	25	
1,2-Dichloropropane	26.0	24.2	24.0	93	92	70-130	1	25	
Bromodichloromethane	27.5	30.2	29.9	110	109	70-130	0.9	25	
Trichloroethene	27.3	29.5	29.2	108	107	70-130	0.9	25	
1,4-Dioxane	27.3	27.3	27.0	100	99	70-130	1	25	
2,2,4-Trimethylpentane (Isooctane)	25.0	23.6	23.5	94	94	70-130	0	25	
n-Heptane	26.5	25.3	25.3	95	95	70-130	0	25	
cis-1,3-Dichloropropene	26.0	25.8	25.6	99	98	70-130	1	25	
4-Methyl-2-pentanone	26.5	25.0	25.0	94	94	70-130	0	25	
trans-1,3-Dichloropropene	27.8	29.5	29.3	106	105	70-130	0.9	25	
1,1,2-Trichloroethane	25.8	26.4	26.3	102	102	70-130	0	25	

Verified By: W Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070705-LCS, P070705-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/5/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Toluene	26.0	24.4	24.5	94	94	70-130	0	25	
2-Hexanone	26.0	21.6	21.7	83	83	70-130	0	25	
Dibromochloromethane	26.5	27.8	27.8	105	105	70-130	0	25	
1,2-Dibromoethane	26.0	25.4	25.5	98	98	70-130	0	25	
Tetrachloroethene	25.8	26.2	26.3	102	102	70-130	0	25	
Chlorobenzene	26.0	24.9	25.0	96	96	70-130	0	25	
Ethylbenzene	25.8	24.2	24.7	94	96	70-130	2	25	
m,p-Xylenes	61.5	60.7	60.9	99	99	70-130	0	25	
Bromoform	31.3	32.4	32.4	104	104	70-130	0	25	
Styrene	25.8	24.8	24.9	96	97	70-130	1	25	
o-Xylene	29.0	28.1	28.2	97	97	70-130	0	25	
1,1,2,2-Tetrachloroethane	29.3	26.8	26.9	91	92	70-130	1	25	
4-Ethyltoluene	26.3	25.2	25.4	96	97	70-130	1	25	
1,3,5-Trimethylbenzene	25.5	25.0	25.0	98	98	70-130	0	25	
1,2,4-Trimethylbenzene	26.0	25.9	25.9	100	100	70-130	0	25	
Benzyl Chloride	25.5	26.0	25.9	102	102	70-130	0	25	
1,3-Dichlorobenzene	25.3	25.5	25.4	101	100	70-130	1	25	
1,4-Dichlorobenzene	26.0	26.1	26.2	100	101	70-130	1	25	
1,2-Dichlorobenzene	25.5	26.0	26.0	102	102	70-130	0	25	
1,2,4-Trichlorobenzene	26.8	27.8	28.2	104	105	70-130	1	25	
Hexachlorobutadiene	26.5	27.1	27.0	102	102	70-130	0	25	

Verified By: W Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-LCS, P070709-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Propene	25.8	21.6	21.9	84	85	70-130	1	25	
Dichlorodifluoromethane (CFC 12)	25.5	26.4	26.1	104	102	70-130	2	25	
Chloromethane	24.3	20.5	20.5	84	84	70-130	0	25	
1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	26.5	24.3	104	95	70-130	9	25	
Vinyl Chloride	24.8	27.8	27.1	112	109	70-130	3	25	
1,3-Butadiene	26.0	25.2	25.6	97	98	70-130	1	25	
Bromomethane	25.0	25.6	25.9	102	104	70-130	2	25	
Chloroethane	25.0	23.4	23.5	94	94	70-130	0	25	
Acetone	26.5	21.2	21.4	80	81	70-130	1	25	
Trichlorofluoromethane	24.3	24.4	24.3	100	100	70-130	0	25	
2-Propanol (Isopropyl Alcohol)	24.5	20.3	20.3	83	83	70-130	0	25	
1,1-Dichloroethene	27.3	26.8	27.1	98	99	70-130	1	25	
Methylene chloride	26.8	25.3	25.4	94	95	70-130	1	25	
3-Chloro-1-propene (Allyl Chloride)	26.0	23.9	24.2	92	93	70-130	1	25	
Trichlorotrifluoroethane	27.0	28.1	28.1	104	104	70-130	0	25	
Carbon Disulfide	25.0	23.1	23.1	92	92	70-130	0	25	
trans-1,2-Dichloroethene	26.3	26.3	26.1	100	99	70-130	1	25	
1,1-Dichloroethane	26.3	25.0	25.1	95	95	70-130	0	25	
Methyl tert-Butyl Ether	26.3	27.0	26.9	103	102	70-130	1	25	
Vinyl Acetate	24.3	26.0	26.4	107	109	70-130	2	25	

Verified By: MJ Date: 7/10/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID : **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-LCS, P070709-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
2-Butanone (MEK)	26.8	24.9	25.3	93	94	70-130	1	25	
cis-1,2-Dichloroethene	26.5	25.6	25.7	97	97	70-130	0	25	
Ethyl Acetate	29.8	29.5	29.3	99	98	70-130	1	25	
n-Hexane	26.8	24.7	24.6	92	92	70-130	0	25	
Chloroform	30.0	27.7	27.9	92	93	70-130	1	25	
Tetrahydrofuran (THF)	26.5	24.4	24.5	92	92	70-130	0	25	
1,2-Dichloroethane	26.0	26.9	26.6	103	102	70-130	1	25	
1,1,1-Trichloroethane	26.3	27.6	27.8	105	106	70-130	0.9	25	
Benzene	26.3	24.5	24.9	93	95	70-130	2	25	
Carbon Tetrachloride	25.8	23.4	23.1	91	90	70-130	1	25	
Cyclohexane	26.5	25.5	25.7	96	97	70-130	1	25	
1,2-Dichloropropane	26.0	23.7	24.0	91	92	70-130	1	25	
Bromodichloromethane	27.5	28.1	28.3	102	103	70-130	1	25	
Trichloroethene	27.3	28.6	28.7	105	105	70-130	0	25	
1,4-Dioxane	27.3	26.2	26.5	96	97	70-130	1	25	
2,2,4-Trimethylpentane (Isooctane)	25.0	23.4	23.6	94	94	70-130	0	25	
n-Heptane	26.5	25.0	25.4	94	96	70-130	2	25	
cis-1,3-Dichloropropene	26.0	24.6	24.7	95	95	70-130	0	25	
4-Methyl-2-pentanone	26.5	24.7	24.9	93	94	70-130	1	25	
trans-1,3-Dichloropropene	27.8	27.7	27.6	100	99	70-130	1	25	
1,1,2-Trichloroethane	25.8	25.5	25.7	99	100	70-130	1	25	

Verified By: AJ Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: Duplicate Lab Control Sample
Client Project ID : Salt River Project/10108.000.0

CAS Project ID: P2701851
CAS Sample ID: P070709-LCS, P070709-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/HP5972/HP5890 II+/MS2
Analyst: Chaney Humphrey
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: NA

Compound	Spike Amt LCS/DLCS ng	Result LCS ng	Result DLCS ng	% Recovery LCS	% Recovery DLCS	Acceptance Limits	RPD	RPD Limit %	Data Qualifier
Toluene	26.0	26.3	26.3	101	101	70-130	0	25	
2-Hexanone	26.0	22.9	23.0	88	88	70-130	0	25	
Dibromochloromethane	26.5	28.6	28.5	108	108	70-130	0	25	
1,2-Dibromoethane	26.0	26.9	26.8	103	103	70-130	0	25	
Tetrachloroethene	25.8	27.7	27.7	107	107	70-130	0	25	
Chlorobenzene	26.0	26.7	26.8	103	103	70-130	0	25	
Ethylbenzene	25.8	26.3	26.3	102	102	70-130	0	25	
m,p-Xylenes	61.5	64.6	64.4	105	105	70-130	0	25	
Bromoform	31.3	33.3	33.3	106	106	70-130	0	25	
Styrene	25.8	26.4	26.4	102	102	70-130	0	25	
o-Xylene	29.0	30.0	30.0	103	103	70-130	0	25	
1,1,2,2-Tetrachloroethane	29.3	28.8	28.8	98	98	70-130	0	25	
4-Ethyltoluene	26.3	27.0	27.4	103	104	70-130	1	25	
1,3,5-Trimethylbenzene	25.5	26.6	26.6	104	104	70-130	0	25	
1,2,4-Trimethylbenzene	26.0	27.7	27.8	107	107	70-130	0	25	
Benzyl Chloride	25.5	27.3	27.3	107	107	70-130	0	25	
1,3-Dichlorobenzene	25.3	27.2	27.4	108	108	70-130	0	25	
1,4-Dichlorobenzene	26.0	28.0	27.9	108	107	70-130	0.9	25	
1,2-Dichlorobenzene	25.5	28.0	27.9	110	109	70-130	0.9	25	
1,2,4-Trichlorobenzene	26.8	30.2	30.1	113	112	70-130	0.9	25	
Hexachlorobutadiene	26.5	28.4	28.4	107	107	70-130	0	25	

Verified By: [illegible] Date: 7/12/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
115-07-1	Propene	25.8	21.4	83	70-130	
75-71-8	Dichlorodifluoromethane (CFC 12)	25.5	23.2	91	70-130	
74-87-3	Chloromethane	24.3	19.0	78	70-130	
76-14-2	1,2-Dichloro-1,1,2,2-tetrafluoroethane (CFC 114)	25.5	24.6	96	70-130	
75-01-4	Vinyl Chloride	24.8	24.5	99	70-130	
106-99-0	1,3-Butadiene	26.0	26.9	103	70-130	
74-83-9	Bromomethane	25.0	25.7	103	70-130	
75-00-3	Chloroethane	25.0	23.0	92	70-130	
67-64-1	Acetone	26.5	22.5	85	70-130	
75-69-4	Trichlorofluoromethane	24.3	22.9	94	70-130	
67-63-0	2-Propanol (Isopropyl Alcohol)	24.5	22.7	93	70-130	
75-35-4	1,1-Dichloroethene	27.3	25.7	94	70-130	
75-09-2	Methylene chloride	26.8	22.6	84	70-130	
107-05-1	3-Chloro-1-propene (Allyl Chloride)	26.0	26.5	102	70-130	
76-13-1	Trichlorotrifluoroethane	27.0	25.9	96	70-130	
75-15-0	Carbon Disulfide	25.0	25.3	101	70-130	
156-60-5	trans-1,2-Dichloroethene	26.3	26.2	100	70-130	
75-34-3	1,1-Dichloroethane	26.3	24.3	92	70-130	
1634-04-4	Methyl tert-Butyl Ether	26.3	27.3	104	70-130	

Verified By: W Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: **Transwest Geochem, Inc.**
Client Sample ID: **Lab Control Sample**
Client Project ID: **Salt River Project/10108.000.0**

CAS Project ID: P2701851
CAS Sample ID: P070709-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	Acceptance Limits	Data Qualifier
78-93-3	2-Butanone (MEK)	26.8	25.9	**97**	70-130	
156-59-2	cis-1,2-Dichloroethene	26.5	25.5	**96**	70-130	
141-78-6	Ethyl Acetate	29.8	31.9	**107**	70-130	
110-54-3	n-Hexane	26.8	26.0	**97**	70-130	
67-66-3	Chloroform	30.0	28.2	**94**	70-130	
109-99-9	Tetrahydrofuran (THF)	26.5	27.6	**104**	70-130	
107-06-2	1,2-Dichloroethane	26.0	25.6	**98**	70-130	
71-55-6	1,1,1-Trichloroethane	26.3	27.1	**103**	70-130	
71-43-2	Benzene	26.3	24.4	**93**	70-130	
56-23-5	Carbon Tetrachloride	25.8	27.6	**107**	70-130	
110-82-7	Cyclohexane	26.5	25.0	**94**	70-130	
78-87-5	1,2-Dichloropropane	26.0	26.3	**101**	70-130	
75-27-4	Bromodichloromethane	27.5	29.8	**108**	70-130	
79-01-6	Trichloroethene	27.3	28.2	**103**	70-130	
123-91-1	1,4-Dioxane	27.3	29.4	**108**	70-130	
540-84-1	2,2,4-Trimethylpentane (Isooctane)	25.0	26.6	**106**	70-130	
142-82-5	n-Heptane	26.5	28.0	**106**	70-130	
10061-01-5	cis-1,3-Dichloropropene	26.0	27.4	**105**	70-130	
108-10-1	4-Methyl-2-pentanone	26.5	29.4	**111**	70-130	
10061-02-6	trans-1,3-Dichloropropene	27.8	30.6	**110**	70-130	
79-00-5	1,1,2-Trichloroethane	25.8	27.5	**107**	70-130	

Verified By: [illegible] Date: 7/13/07

COLUMBIA ANALYTICAL SERVICES, INC.

RESULTS OF ANALYSIS

Client: Transwest Geochem, Inc.
Client Sample ID: Lab Control Sample
Client Project ID: Salt River Project/10108.000.0

CAS Project ID: P2701851
CAS Sample ID: P070709-LCS

Laboratory Control Sample (LCS) Summary

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9
Analyst: Wida Ang
Sampling Media: Summa Canister
Test Notes:

Date Collected: NA
Date Received: NA
Date Analyzed: 7/9/07
Volume(s) Analyzed: NA Liter

CAS #	Compound	Amount Spiked ng	Amount Recovered ng	% Recovery	CAS Acceptance Limits	Data Qualifier
108-88-3	Toluene	26.0	25.5	98	70-130	
591-78-6	2-Hexanone	26.0	27.4	105	70-130	
124-48-1	Dibromochloromethane	26.5	31.0	117	70-130	
106-93-4	1,2-Dibromoethane	26.0	28.0	108	70-130	
127-18-4	Tetrachloroethene	25.8	25.9	100	70-130	
108-90-7	Chlorobenzene	26.0	25.4	98	70-130	
100-41-4	Ethylbenzene	25.8	26.4	102	70-130	
179601-23-1	m,p-Xylenes	61.5	65.9	107	70-130	
75-25-2	Bromoform	31.3	35.3	113	70-130	
100-42-5	Styrene	25.8	27.9	108	70-130	
95-47-6	o-Xylene	29.0	31.4	108	70-130	
79-34-5	1,1,2,2-Tetrachloroethane	29.3	31.2	106	70-130	
622-96-8	4-Ethyltoluene	26.3	29.0	110	70-130	
108-67-8	1,3,5-Trimethylbenzene	25.5	28.0	110	70-130	
95-63-6	1,2,4-Trimethylbenzene	26.0	29.0	112	70-130	
100-44-7	Benzyl Chloride	25.5	30.3	119	70-130	
541-73-1	1,3-Dichlorobenzene	25.3	27.5	109	70-130	
106-46-7	1,4-Dichlorobenzene	26.0	27.8	107	70-130	
95-50-1	1,2-Dichlorobenzene	25.5	27.7	109	70-130	
120-82-1	1,2,4-Trichlorobenzene	26.8	28.4	106	70-130	
87-68-3	Hexachlorobutadiene	26.5	25.9	98	70-130	

Verified By: MJ Date: 7/13/07

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Transwest Geochem, Inc. Work order: P2701851

Project: Salt River Project/10108.000.0

Sample(s) received on: 06/22/07 Date opened: 06/22/07 by: MZ

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
	Cooler Temperature NA °C			
	Blank Temperature NA °C			
8	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Is pH (acid) **preservation** necessary, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** (acid) preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
	Do they contain moisture?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2701851-001			NA	
P2701851-002			NA	
P2701851-003			NA	
P2701851-004			NA	
P2701851-005			NA	
P2701851-006			NA	
P2701851-007			NA	
P2701851-008			NA	
P2701851-009			NA	
P2701851-010			NA	

Explain any discrepancies: (include lab sample ID numbers):

Columbia Analytical Services, Inc.
Sample Acceptance Check Form

Client: Transwest Geochem, Inc. Work order: P2701851

Project: Salt River Project/10108.000.0

Sample(s) received on: 06/22/07 Date opened: 06/22/07 by: MZ

Lab Sample ID	Required pH (as received, if required)	pH (as received, if required)	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2701851-011			NA	

Air - Chain of Custody Record & Analytical Service Request

0706401

Columbia Analytical Services Inc.
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No.

CAS Contact

Company Name & Address (Reporting Information)
Geomatrix Consultants, Inc.
8777 East Via de Ventura
Scottsdale, Arizona 85258

Project Name: Salt River Project

Project Number: 10108.000.0

Project Manager: Stephanie Koenne

P.O. # / Billing Information

Phone: 480-348-1293 Fax: 480-348-1245

Email Address for Result Reporting: skoenne@geomatrix.com

Sampler (Print & Sign): S. Koenne - S. Koenne; L. LaPat - L. LaPat; Nimisha Patel - Nimisha Patel

Analysis Method and/or Analytes

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	T.I.C. - Isobutylene			Comments e.g. Actual Preservative or specific instructions
SVMW1-1	15C-00030	06/20/07	1219	Air	15C00030	1V-08-052	28	X	X			
SVMW2-1	15C-00114	6/20/07	1252	Air	15C00114	1V-08-074	24	X	X			
SVMW1-2	15C-00235	6/20/07	1426	Air	15C00235	1V-08-025	26	X	X			
SVMW2-2		6/20/07	1504	Air	15C00297	1V-08-038	28	X	X			
SVMW1-3		6/20/07	1554	Air	15C00269	1V-08-014	28	X	X			
Dup01-062007		6/20/07	1555	Air	15C00435	1V-08-027	26	X	X			
SVMW2-3		6/20/07	1624	Air	15C00476	1V-08-016	28	X	X			
SVMW1-4		6/20/07	1635	Air	15C00487	1V-08-019	24	X	X			
AB062007		6/20/07	1646	Air	15C00352	1V-08-079	26.5	X	X			
SVMW2-4		6/20/07	1715	Air	15C00486	1V-08-045	25.5	X	X			
EB062007		6/20/07	1745	Air	15C00170		28	X	X			

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: ____
EDD Units: ____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Nimisha Patel	6/21/07	0822	[illegible]	6-21-07	0822
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank
Temperature ____ °C

TRANSWEST GEOCHEM

CHAIN-OF-CUSTODY

P2701851

Carlene McCutcheon
3725 E. Atlanta Avenue
Suite 2
Phoenix, AZ 85040
TEL: (602) 437-0330
FAX: (602) 437-0660

Work Order: 0706401

Project: Salt River Project 10108.000.0

Subcontractor:
Columbia Analytical
2655 Park Center Dr., Ste. A
Simi Valley, CA 93065
TEL: (805) 526-7161
FAX: (805) 526-7270

21-Jun-07

Client Sample ID	TGI ID	Matrix	Collection Date	Containers	Requested Tests: TO15
SVMW1-1	01A	Air	6/20/2007 12:19:00 PM	1	1
SVMW2-1	02A	Air	6/20/2007 12:52:00 PM	1	1
SVMW1-2	03A	Air	6/20/2007 2:26:00 PM	1	1
SVMW2-2	04A	Air	6/20/2007 3:04:00 PM	1	1
SVMW1-3	05A	Air	6/20/2007 3:54:00 PM	1	1
DUP01-062007	06A	Air	6/20/2007 3:55:00 PM	1	1
SVMW2-3	07A	Air	6/20/2007 4:24:00 PM	1	1
SVMW1-4	08A	Air	6/20/2007 4:35:00 PM	1	1
AB062007	09A	Air	6/20/2007 4:46:00 PM	1	1
SVMW2-4	10A	Air	6/20/2007 5:15:00 PM	1	1
EB062007	11A	Air	6/20/2007 5:45:00 PM	1	1

T.I.C.
Isobutylene

See attached COC

Comments: After analysis, the samples do not need to be returned and can be disposed per your standard laboratory practices. Please provide a QC report, including Method Blank data.

Sample Receipt		
Temperature:	Ambient / Cold	Ice:
Received Intact:		Absent / Present
Custody Seals:		Wet / Blue
Total No. of Containers:		° C.

		Date/Time
Relinquished by:	Leslie May - TGI	6/21/07 1600
Relinquished by:	UPS	
Relinquished by:		

		Date/Time
Received by:	UPS	
Received by:	[illegible]	6/21/07 1015
Received by:		

11569

73

Storage Location: Sub

TRANSWEST GEOCHEM

Sample Receipt Checklist

Client Name: Geomatrix

Date and Time Received: 6-21-07 0822

Work Order Number: 0706401

Checked by: Z

Checklist completed by: Tracy H 6-21-07 (Signature / Date)

Logged In by: TM 6-21-07 (Initials / Date)

Matrix: Air Carrier Name: Client TGI

Reviewed by: GM (Initials / Date)

				COMMENTS
Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐	
Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	Not Present ☑	
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑	
Chain of custody present?	Yes ☑	No ☐		
Chain of custody signed when relinquished and received?	Yes ☑	No ☐		
Chain of custody agrees with sample labels?	Yes ☑	No ☐		
Samples in proper container/bottle?	Yes ☑	No ☐		
Sample containers intact?	Yes ☑	No ☐		
Sufficient sample volume for indicated test?	Yes ☑	No ☐		
All samples received within holding time?	Yes ☑	No ☐		
Container/Temp Blank temperature in compliance?	Yes ☑	No ☐	Temp: Amb.	Sampled < 2hrs ☐
Water – VOA vials have zero headspace?	Yes ☐	No ☐	N/A ☑	
Water – pH acceptable upon receipt?	Yes ☐	No ☐	N/A ☑	Checked by: _____
Water – Sulfides present in Cyanide samples?	Yes ☐	No ☐	N/A ☑	
Samples considered Drinking Water for metal analysis?	Yes ☐	No ☐	N/A ☑	

Client contacted: _____ Date contacted: _____ Person contacted: _____

Contacted by: _____ Regarding: _____

Corrective Action: _____

Air - Chain of Custody Record & Analytical Service Request

0706401

Columbia Analytical Services INC
An Employee - Owned Company
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No.

CAS Contact

Company Name & Address (Reporting Information)
Geomatrix Consultants, Inc.
8777 East Via de Ventura
Scottsdale, Arizona 85258

Project Name: Salt River Project

Project Number: 10108.000.0

Project Manager: Stephanie Koenne

P.O. # / Billing Information

Phone: 480-348-1293 Fax: 480-348-1245

Email Address for Result Reporting: skoenne@geomatrix.com

Sampler (Print & Sign): S. Koenne - S. Koenne, L. LaPat - L. LaPat, Nimisha Patel - Nimisha Patel

Analysis Method and/or Analytes

	Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Sample Type (Air/Tube/Solid)	Canister ID (Bar Code # - AC, SC, etc.)	Flow Controller (Bar Code - FC #)	Sample Volume	TO-15	T.I.C. - Isobutylene			Comments e.g. Actual Preservative or specific instructions
1	SVMW1-1	16C-00030	06/20/07	1219	Air	16C00030	1V-08-052	28	X	X			
2	SVMW2-1	15C-00114	6/20/07	1252	Air	15C00114	1V-08-074	24	X	X			
3	SVMW1-2	15C-00235	6/20/07	1426	Air	15C00235	1V-08-025	26	X	X			
4	SVMW2-2		6/20/07	1504	Air	15C00297	1V-08-038	28	X	X			
5	SVMW1-3		6/20/07	1554	Air	15C00269	1V-08-014	28	X	X			
6	Dup01-062007		6/20/07	1555	Air	15C00435	1V-08-027	26	X	X			
7	SVMW2-3		6/20/07	1624	Air	15C00476	1V-08-016	28	X	X			
8	SVMW1-4		6/20/07	1635	Air	15C00487	1V-08-019	24	X	X			
9	AB062007		6/20/07	1646	Air	15C00352	1V-08-079	26.5	X	X			
10	SVMW2-4		6/20/07	1715	Air	15C00486	1V-08-043	25.5	X	X			
11	EB062007		6/20/07	1745	Air	15C00170		28	X	X			

Report Tier Levels - please select
Tier I - (Results/Default if not specified) ____
Tier II - (Results + QC) ____
Tier III - (Data Validation Package) 10% Surcharge ____
Tier V - (client specified) ____

EDD required Yes / No
Type: ____ EDD Units: ____

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 6/21/07	Time: 0822	Received by: (Signature)	Date: 6-21-07	Time: 0822
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank
Temperature ____ °C