

UU1 - 6 2008

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ARCADIS

Subject:

July 2008 Semi-Annual Groundwater Sampling Report, Newstead Superfund Site, Newstead, New York

ENVIRONMENT

Dear Mr. Stroebel,

This letter report provides the results of the July 2008 semi-annual groundwater monitoring event at the Newstead Superfund Site, Newstead, New York (Figure 1). The first semi-annual event was conducted in January 2008.

Groundwater Sampling Methodology

Groundwater samples were collected on July 22 and July 23 2008 using low flow sampling techniques (Minimal Drawdown Ground–Water Sampling Procedures; USEPA, 1996) as specified in the USEPA approved Post-Removal Groundwater Monitoring Plan dated February 2007. Monitoring well locations are shown on Figure 2. Groundwater samples were collected from monitoring wells MW1A-93, MW1B-93, MW2A-93, MW2B-93, MW3A-08, MW3B-93, MW4A-93, and MW5A-07 and analyzed for:

Date:

October 3, 2008

Contact:

Marc Sanford

Phone

518.452.7826 x15

Email:

marc.sanford@arcadisus.com

Our ref:

AY000386.0001

- Volatile Organic Compounds (VOCs) by USEPA SW846-8360/5030;
- Semi-Volatile Organic Compounds (SVOCs) by USEPA SW846-8270/5035
- Metals by USEPA SW846-6000/7000 series
- Total Cyanide by USEPA SW846-9012

Well MW4A-93 was sampled again on September 25, 2008 due to a laboratory error. The chain of custody for the July sample included VOC analysis. The laboratory was called to verify receipt of all sample bottles after completion of the sampling event on July 23, 2008. The laboratory confirmed receipt of all samples and proceeded with the requested analysis. The lab failed to inform ARCADIS that the VOC sample for MW4A-93 was missing, and therefore was not analyzed. The results have been reported. All samples were analyzed by Test America in Amherst New York. The

analytical data is presented in Appendix A. Groundwater sampling logs are included as Appendix B.

Quality Assurance and Data Validation

The ground water data were validated in accordance with the Quality Assurance project Plan (QAPP) Worksheets #35 and #36. For the laboratory data deliverable, the ARCADIS QA Manager prepared a DUSR (Appendix C). The DUSR was prepared in accordance with the guidelines established by the NYSDEC Division of Environmental Remediation Quality Assurance Group. A preliminary review of the data was performed to verify that all of the necessary paperwork, such as chains-of-custody, traffic reports, analytical reports, and deliverable package were present. The laboratory provided all analytical data in an Analytical Services Protocol (ASP) Category B deliverable format as specified in the QAPP. A detailed quality assurance review as performed to verify the qualitative and quantitative reliability of the data.

The data validation report consists of a section that contains an assessment of the deliverables, followed by a section that describes, on an item-by-item basis, the analytical results containing deficiencies (if any) and any qualifications that should be considered when using the data. The qualifications were made by assessing the results based on the analytical method technical requirements (including QA/QC criteria) and the data validation requirements. The data validation report indicates the data qualification actions taken as a result of these criteria and includes a discussion of the possible bias in the sample results. Based on the data validation review, qualification of data, where appropriate, was made by the use of qualifier codes. These qualifiers serve as an indication of the qualitative and quantitative reliability of the data.

Results

Groundwater Flow Direction

Water levels were collected from all 8 monitoring wells on July 22, 2008 prior to well purging and sampling. Table 1 includes the water level data collected during both rounds of the post-removal groundwater monitoring program. The July 2008 water levels for the shallow wells were used to develop a groundwater elevation contour map. As shown on Figure 3, groundwater contours indicate a westerly direction of groundwater flow consistent with the January 2008 groundwater flow patterns. This

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Mr. Ken H. Stroebel
October 3, 2008

flow direction is consistent with groundwater flow patterns and flow direction during the January 2008 monitoring event.

Laboratory Analytical Results

VOCs analytical results for the July 2008 sampling event are presented in Table 2. VOCs were not detected in groundwater samples at concentrations above the laboratory detection limits.

No target compounds detected in monitoring well MW4A-93.

SVOC analytical results are presented in Table 3. SVOCs were not detected in groundwater samples with the exception of low, estimated concentrations of naphthalene at wells MW2B-93 (0.2 BJ ug/L) and MW4-93 (1.0 BJ ug/L), Di-n-butyl phthalate at monitoring well MW3A-08 (0.3 J ug/L), and benzoic acid at MW4A-93 (360 ug/L). Each of these detections were below the project action limits.

Total and dissolved metals analytical results are presented in Table 4. Barium was the only metal detected in total and dissolved samples at each well with all reported concentrations below the corresponding project action limit. Total chromium was detected in MW1A-93 (15.3 ug/L), MW2A-93 (14.5 ug/L) and MW5A-07 (7.5 ug/L). Total copper and zinc were both detected in MW4A-93 at 10.4 ug/L and 36.4 ug/L, respectively. Each of these reported concentrations were below the project action limits.

Total cyanide was not detected in groundwater samples at concentrations above the laboratory detection limits.

Schedule

ARCADIS will continue to monitor the site and schedule the next semi-annual round of ground water sampling for January 2009.

ARCADIS appreciates the opportunity to be of service to Sherwin-Williams on the Newstead site. If you have any questions regarding this report, please call the undersigned at (518) 452-7826.

ARCADIS

Mr. Ken H. Stroebel
October 3, 2008

Sincerely,

ARCADIS

Katie Arnold Project Scientist

Kane and

Marc W. Sanford Project Manager

Copies:

Kevin Lynch, US EPA Michael Walters, US EPA C. Psoras Esq., US EPA Vivek Nattanmai, NYSDEC Louis DiGuardia, US EPA File

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Table 1. Water-level Data, Newstead Superfund Site, Newstead, New York

Well ID	Measurin g Point Elevation		dwater ation
		Jan-08	Jul-08
MW1A-93	597.81	593.31	593.2
MW-1B-93	597.06	589.81	591.13
MW2A-93	597.88	593.2	593.08
MW-2B-93	597.9	589.89	589.91
MW3A-08	597.49	593.61	593.3
MW-3B-93	596.06	589.44	590.1
MW-4A-93	597.24	593.47	593.28
MW-5A-07	595.88	592.15	592.52

Table 2. Volatile Organic Compounds in Ground Water, January and July 2008, Newstead Superfund Site, Newstead, New York

	Project Action	MW1	A-93	MW1	IB-93	MW2	A-93	MW2	2B-93	MW3	3A-08	MW3	B-93	MW	4A-93	MW	5A-93
Volatile Organics	Limit	Jan-08	Jul-08	Jan-08	Sep-08	Jan-08	Jul-08										
1,1-Dichloroethene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	< 1.0	< 1.0	< 1.0
2-Butanone	50 ug/L	< 5.0	< 5.0 J	<5.0	<5.0	< 5.0 J	< 5.0										
Acetone	50 ug/L	< 5.0	< 5.0	< 5.0	< 5.0 J	3.6	<5.0 J	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	<5.0	<5.0	< 5.0	< 5.0
Benzene	1 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	1	<1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Bromochloromethane	50 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Carbon Disulfide	60 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Chlorobenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Chloroform	7 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Ethylbenzene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Methylene chloride	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0 J	< 1.0	< 1.0
Toluene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Trichloroethene	5 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0 J	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Vinyl Chloride	2 ug/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	<1.0	<1.0	< 1.0	< 1.0
Total Xylenes	5 ug/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	<3.0	<3.0	< 3.0	< 3.0

Notes:

Results reported in ug/L

Project Action Limits per NYSDEC Ambient Ground Water Quality Standards and Guidance Values as listed in TOGS 1.1.1 (June 1998) and in 6 NYCRR 703.5.

J = Indicates an estimated value.

^{**} MW4A -93 was sampled on September 25, 2008

Table 3. Semi-Volatile Compounds in Ground Water, January and July 2008, Newstead Superfund Site, Newstead, New York

	Project Action	MW1	A-93	MW1	B-93	MW2	2A-93	MW2	2B-93	MW3	A-08	MW3	B-93	MW4	A-93	MW5	5A-07
Semi-Volatile Organics	Limit	Jan-08	Jul-08	Jan-08	Jul-08	Jan-08	Jul-08	Jan-08	Jul-08	Jan-08	Jui-D8	:lan-08	Jui-08	Jan-08	Jul-08	Jan-08	Jul-08
2,4-Dimethylphenol	50 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
2,4-Dinitrotoluene	5 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
2,6-Dinitrotoluene	5 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
4-Methylphenol	5 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
4-Nitroaniline	5 ug/L	< 48	< 48	< 48	< 48	<48	<47	<48	<47	<48	<47	<48	<47	< 48	< 48	<48	<47
Acenaphthylene	5 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
Benzoic acid	NA	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	< 140	<140	360 J	< 140	< 140
Bis (2-chloroethyl) ether	1 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
Bis (2-ethylhexy) phthalate	5 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9
Diethyl phthalate	50 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	0.3 J	<10	<9	< 10	< 10	<10	<9
Di-n-butyl phthalate	50 ug/L	< 10	< 10	< 10	< 10	0.3	<9	<10	<9	0.4	<9	<10	<9	0.8	< 10	0.4	<9
Naphthalene	10 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	< 0.2	<10	<9	0.3	<9	0.3	< 1.0	<10	<9
Phenol	1 ug/L	< 10	< 10	< 10	< 10	<10	<9	<10	<9	<10	<9	<10	<9	< 10	< 10	<10	<9

Notes:

Results reported in ug/L

Project Action Limits per NYSDEC Ambient Ground Water Quality Standards and Guidance Values as listed in TOGS 1.1.1 (June 1998) and in 6 NYCRR 703.5.

J = Indicates an estimated value.

Table 4. Metals in Ground Water, January and July 2008, Newstead Superfund Site, Newstead, New York

Total Metals	Project Action	MW1	IA-93	MW1	IB-93	MW2	2A-93	MW2	2B-93	MW3	3A-08	MW3	B-93	MW4	A-93	MW5	5A-07
	Limit	Jan-08	Jul-08														
Barium	1000 ug/l	28.2	39.3	71.5	66.2	151	138	35.6	25.2	23	66.0	26.7	35.8	28.1	29.9	173	147
Cadium	5 ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chromium	50 ug/l	<4.0	15.3	<4.0	<4.0	<4.0	14.5	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	6.2	7.5
Cobalt	NA	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	<4.0
Copper	200 ug/l	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	10.4	<10.0	<10.0
Lead	25 ug/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
Zinc	2,000 ug/l	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	36.4	<10.0	<10.0
Soluable Metals	Project Action	MW-	1A-93	MW1	IB-93	MW2	2A-93	MW2	B-93	MW3	8A-08	MW3	B-93	MW4	A-93	MW5	5A-07
100000	Limit	Jan-08	Jul-08														
Barium	1000 ug/l	27.7	30.3	67.8	64.8	121	127	33.8	27.5	21.1	52.4	23.9	21.8	26.1	32.3	163	140
Cadium	5 ug/l	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Chromium	50 ug/l	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Cobalt	NA	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0	< 4.0
Copper	200 ug/l	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0
Lead	25 ug/l	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Zinc	2,000 ug/l	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0	< 10.0

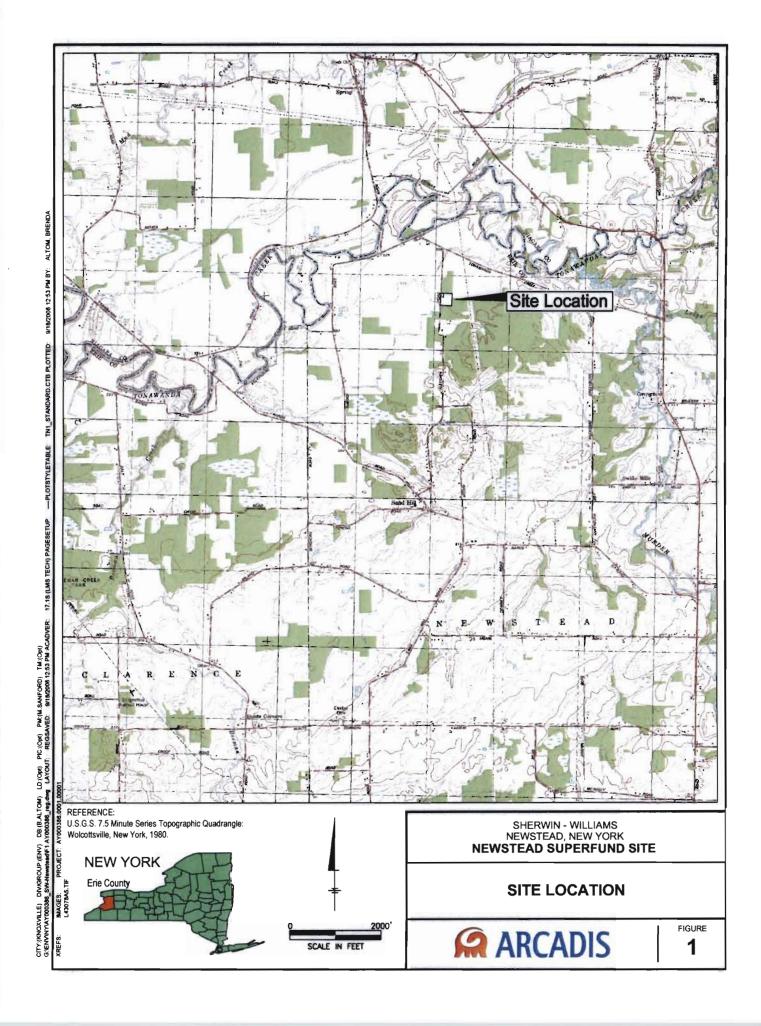
Notes:

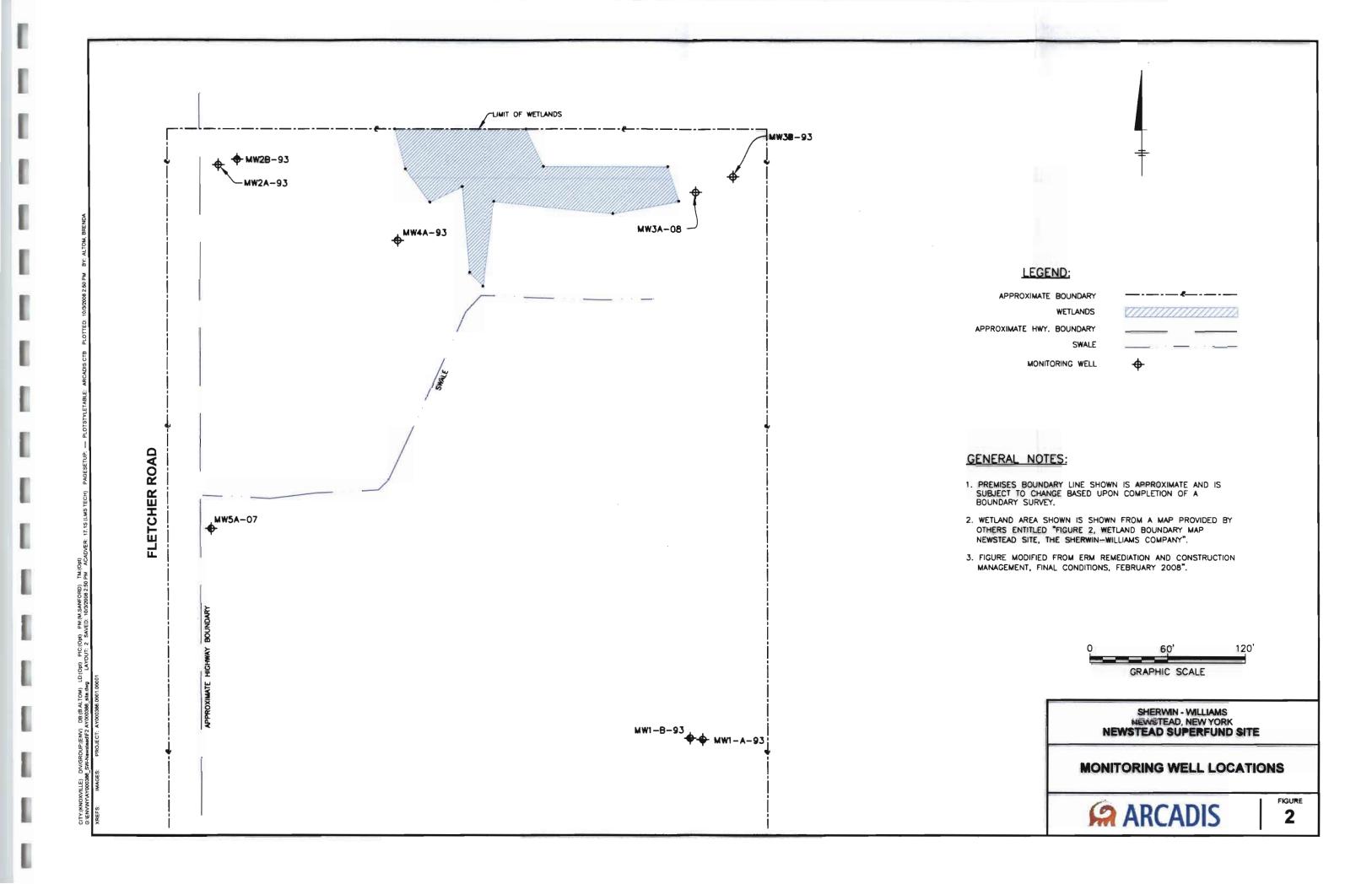
Results reported in ug/L

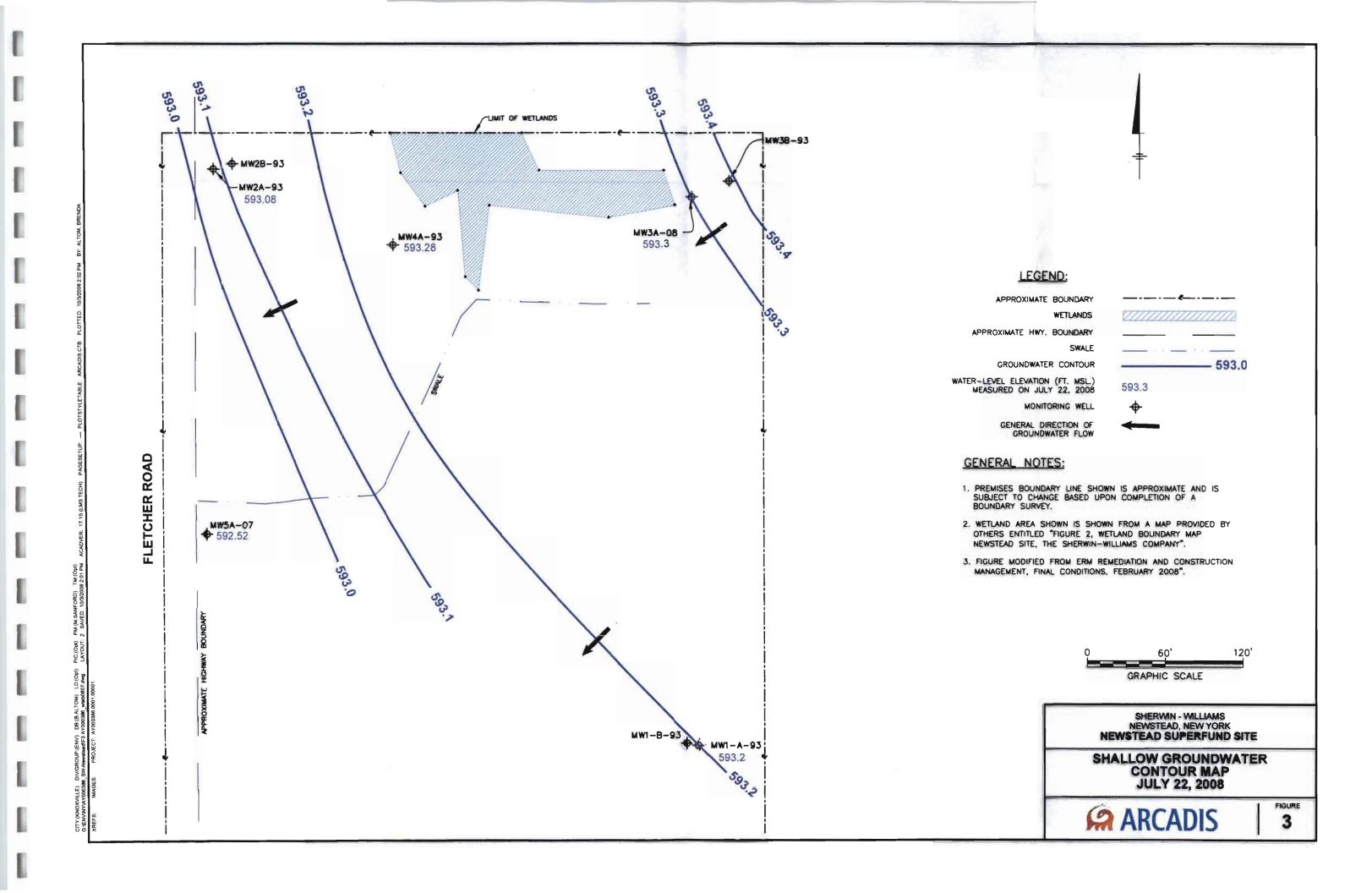
Project Action Limits per NYSDEC Ambient Ground Water Quality Standards and Guidance Values as listed in TOGS 1.1.1 (June 1998) and in 6 NYCRR 703.5.



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	Groundwate	•	J					Page	1 of
Project/No.	A	Y000386.00	001	Well	MW-1A-93	_	_ Date	7/23/2008	
Total depth (ft bmp)	9.71		Screened Interval	(ft bmp)			Casing Diamet	er (inches)	2
Measuring Po Description	oint ————————————————————————————————————	N/A	_	Stati Wat	c er Level (ft bmp)	4.61		_	
Pump Intake (ft bmp)		-		Sampling Time:	Begin	1120	_ End	1150
Weather	s	unny - hum	id		Pump type:	Grundfos			
Sampled by :	GNG				Water Quality M	eter:	Horiba U-2	2	
Time	Pumping Rate	DTW	рН	TEMP.	Cond.	ORP	DO	TURB	Note
	(ml/min)	(ft bmp)	(s.u.) +/- 0.1	(C) 3%	(umhos or ms/cm) 3%	(mV) +/-10	(mg/L) 10%	(NTU) 10%	
1125	800	4.7	8.55	18.1	0.407	94	6.01	10.95	
1130	700	5.76	7.62	17.5	0.441	106	3.58	6.72	
1135	400	5.31	7.26	17.8	0.457	104	3.18	2.35	
1140	400	5.3	7.15	17.9	0.455	101	3.21	2.93	
1145	400	5.31	7.05	18.1	0.452	98	3.51	1.11	
1150	400	5.32	7.01	17.9	0.45	96	3.54	2.78	
color:	None		•			Pump start:	1120		
dor:	None					Pump stop:			
ppearance:						Gallons remo		3.5	

Project/No.	A	Y000386.00	001	Well	MW-1B-93		Date	7/23/2008	
				,			_		_
Total depth (ft bmp)	42.88		Screened Interval	(ft bmp)		_	Casing Diamete	er (inches)	2
Measuring Po Description	int	N/S	-	Static Water	r Level (ft bmp)	4.52		-	
Pump Intake (ft bmp)	35	-		Sampling Time:	Begin	1120	End	1200
Weather	sui	nny, hot, hu	mid		Pump type	: Grundfos			
Sampled by :	Klans Beyrle				Water Quality M	eter:	Horiba U-2	2	
Time	Pumping Rate	DTW	pH (s.u.)	TEMP. (C)	Cond. (umhos or	ORP (mV) +/-10	DO (mg/L)	TURB (NTU) 10%	Note
1125	(ml/min) 350	(ft bmp) 8.3	+/- 0.1 9.96	3% 11.88	ms/cm) 3% 0.458	34	4.36	4.3	
1130	350	8.67	9.96	15.8	0.493	31	3.12	2.21	
1135	350	9.53	10.02	14.39	0.492	26	3.55	2.78	
1140	350	10.44	10.06	15.33	0.49	22	3.37	2.43	
1145	350	10.92	10.09	16.49	0.495	18	3.41	3.01	
1150	350	11.73	10.16	14.35	0.494	17	3.76	3.28	
1155	350	12.47	10.16	14.78	0.491	17	3.59	3.18	
		_							
		_							
olor:	Clear					Pump start:	1125		
dor:	None					Pump stop:			
ppearance:_						Gallons remo	ved:	3	
nalyses:	sample MW-1	D 02 collec	stad at 120	10		Dup/IVIO/IVIOL	' -		

Project/No.	A	Y000386.00	001	Well	MW-2A-93		Date	7/22/2008	
		1000000.00			1111 271 00			772272000	
Total depth (ft bmp)	17.82		Screened Interva	l I (ft bmp)			Casing Diamete	er (inches)	2
Measuring Po	oint 	N/A	_	Stati Wate	c er Level (ft bmp)	4.8		_	
Pump Intake (ft bmp	o)		_		Sampling Time:	Begin	1530	_ End	1630
Weather	85	5, partly sun	ny	_	Pump type	: Grundfos			
Sampled by :	GNG			-	Water Quality M	leter:	Horiba U-2	2	
Time	Pumping Rate	DTW	рН	TEMP.	Cond.	ORP	DO	TURB	Note
	(ml/min)	(ft bmp)	(s.u.) +/- 0.1	(C) 3%	(umhos or ms/cm) 3%	(mV) +/-10	(mg/L) 10%	(NTU) 10%	
1535	800	7.81	6.6	16.8	1.61	-10.40	0.0	11.1	reddish b
1540	400	7.62	6.58	16.24	1.65	-108	0.0	3.98	"
1545	400	7.54	6.57	16.19	1.74	-109	0.0	2.94	"
1550	400	7.35	6.56	16.34	2.1	-111	0.0	7.58	starting to d
1555	600	8.51	6.57	15.63	3.29	-110	0.0	12.2	н
1600	600	8.38	6.58	15.46	4.14	-112	0.0	6.7	"
1605	600	8.32	6.59	15.23	5.55	-113	0.0	3.18	41
1610	700	8.42	6.61	15.41	4.62	-112	0.0	7.54	no col
1615	700	8.48	6.62	15.32	5.51	-113	0.0	6.52	"
1620	700	8.42	6.64	15.24	6.43	-115	0.0	2.51	
1625	700	8.85	6.67	15.5	1.74	-115	0.38	3.54	
1630	700	8.81	6.70	15.16	4.56	-118	0.0	2.79	
				_					
						,			
									_
olor: _						Pump start:	1535		
dor:	<u> </u>					Pump stop:	1630		
- 		_				Gallons remo	oved:	10	

Project/No.	A	Y000386.00	01	Well	MW-2B-93		Date	7/22/2008	
							_		
Total depth (ft bmp)	45.78		Screened Interval	(ft bmp)			Casing Diamete	er (inches)	2
Measuring Po Description	int 	N/A	-	Statio Wate	c er Level (ft bmp)	7.99		-	
Pump Intake (ft bmp)	3.5			Sampling Time:	Begin	1515	_ End	1615
Weather		warm, sunny	<u>′</u>		Pump type	: Grundfos			
Sampled by :	Klaus Beyle				Water Quality M	eter:	Horiba U-2	2	
Time	Pumping Rate	DTW	pH (s.u.)	TEMP. (C)	Cond. (umhos or	ORP (mV)	DO (mg/L)	TURB (NTU)	Notes
	(ml/min)	(ft bmp)	+/- 0.1	3%	ms/cm) 3%	+/-10	10%	10%	
1515	300	7.89	8.24	13.9	0.361	34	5.43	6.49	ļ
1520	300	9.63	8.44	15.8	0.344	31	4.6	4.37	Dec flow to
1525	240	9.73	8.47	16.0	0.36	32	4.37	3.45	
1530	240	9.79	8.36	16.9	0.382	36	2.6	3.09	
1535	240	9.91	8.23	15.4	0.413	37	1.53	3.67	
1540	240	9.96	8.16	16.3	0.414	20	1.1	3.89	
1545	240	9.96	8.10	16.3	0.42	-19	0.77	3.21	
1550	240	9.96	8.07	16.4	0.423	-65	0.63	3.09	
1555	240	9.96	8.06	15.8	0.426	-83	0.54	2.83	
1600	240	9.96	8.06	15.2	0.426	-92	0.52	2.98	
1605	240	9.96	8.06	15.6	0.426	-98	0.51	2.98	
Color: _		clear				Pump start:	1515		
Odor: _		none				Pump stop:			
Appearance:						Gallons remo	oved:	3.5	

MS/MSD collected

ARCADIS G&M

Project/No.	Α	Y000386.00	001	Well	MW-3A-08		Date	7/23/2008	
				_			_		
Total depth (ft bmp)	17.97		Screened Interva	l I (ft bmp)			Casing Diamet	er (inches)	2
Measuring Po Description	oint ———————	N/A	-	Statio Wate		4.52		_	
Pump Intake (ft bmp)		-		Sampling Time:	Begin	905	End	950
Weather	su	nny, 75, hui	mid	-	Pump type:	Grundfos			
Sampled by :	GNG			-	Water Quality Mo	e <u>ter:</u>	Horiba U-2	.2	
Time	Pumping Rate	DTW	ρН	ТЕМР.	Cond.	ORP	DO	TURB	Notes
	(ml/min)	(ft bmp)	(s.u.) +/- 0.1	(C) 3%	(umhos or ms/cm) 3%	(mV) +/-10	(mg/L) 10%	(NTU) 10%	
0905	800	4.52	7.76	17.08	0.569	-76	10.17	9.65	clear
0910	600	6.01	7.46	16.73	0.999	-9.3	9.61	11.2	"
0915	600	5.61	7.35	16.82	0.999	-107	8.68	10.05	"
0920	400	5.55	7.22	16.89	0.999	-114	8.51	7.79	-
0925	400	5.32	7.18	16.91	0.755	-118	8.23	5.21	*
0930	400	5.24	7.16	17.09	0.725	-122	7.97	6.10	"
0935	400	5.15	7.16	17.24	0.808	-124	7.71	5.7	"
0940	400	5.12	7.15	17.42	0.900	-127	7.07	5.5	"
0945	400	5.05	7.17	17.40	0.90	-127	7.13	5.7	"
						_			
						_			
						_			
olor:		clear				Pump start:	0905		
dor: _		none				Pump stop:	0955		
pearance:_		_				Gallons remo		~4	

		•	•						
Project/No.	A	<u>Y</u> 000386.00	01	Well	MW-3B-93		_ Date	7/23/2008	
Fotal depth ft bmp)	51.45		Screened Interval	(ft bmp)			Casing Diamete	er (inches)	2
Measuring Po Description	int	N/A		Statio Wate	c er Level (ft bmp)	5.2		_	
Pump ntake (ft bmp)	40 ft			Sampling Time:	Begin	0900	End	1010
Veather	war	m, clear, hu	mid		Pump type:	Grundfos			
Sampled by:	Klaus Beyrl				Water Quality Me	eter:	Horiba U-2	2	
Time	Pumping Rate (ml/min)	DTW (ft bmp)	pH (s.u.) +/- 0.1	TEMP. (C) 3%	Cond. (umhos or ms/cm) 3%	ORP (mV) +/-10	DO (mg/L) 10%	TURB (NTU) 10%	Notes
0925	200	7.54	10.35	12.0	0.419	25	1.75	10.64	
0930	200	8.16	10.46	14.9	0.414	9	0.05	10.23	
0930	200	8.72	10.49	14.8	0.410	0	0.00	8.44	
0935	200	9.56	10.50	12.3	0.411	1	0.00	7.31	
0940	200	11.49	10.53	13.1	0.414	-5	0.00	6.10	
0945	200	11.30	10.48	14.0	0.411	-6	0.00	6.17	
0950	200	11.37	10.49	12.5	0.413	-9	0.00	6.16	
-									
						_			
			_						
olor:		clear				Pump start:	0925		
dor:		none				Pump stop:	1010		
ppearance:_						Gallons remo	ved:	1 Dup 07230	08 @ 0955

Low Flow									
Project/No.	A	Y000386.00	01	_ Well	MW-4A-93		_ Date	7/23/2008	
Total depth (ft bmp)	10.21		Screened Interva	l l (ft bmp)			Casing Diamet	er (inches)	2
Measuring Po Description	oint	N/A		Statio Wate	c er Level (ft bmp)	3.96		_	
Pump Intake (ft bmp)	9			Sampling Time:	Begin	1310	_ End	1400
Weather	sun	ny, warm, hu	umid	-	Pump type	e: Grundfos	_		
Sampled by :	Geo	off Greapent	trog	-	Water Quality M	leter:	Horiba U-2	22	
Time	Pumping Rate	DTW	рН	TEMP.	Cond.	ORP	DO	TURB	Notes
	(ml/min)	(ft bmp)	(s.u.) +/- 0.1	(C) 3%	(umhos or ms/cm) 3%	(mV) +/-10	(mg/L) 10%	(NTU) 10%	
1315	800	4.89	7.50	20.40	1.86	-163	1.40	50.8	grayish co
1320	400	5.45	7.12	20.73	2.24	-140	0.00	11.5	clear
1325	400	5.36	6.95	19.96	2.76	-123	0.0	7.10	"
1330	400	5.25	6.90	20.18	2.83	-119	0.0	3.16	
1335	400	5.18	6.84	20.31	4.04	-116	0.0	2.12	
1340	400	5.21	6.79	20.20	6.69	-114	0.0	2.05	"
1345	400	5.18	6.76	20.18	8.40	-112	0.0	0.85	*
1350	400	5.15	6.75	20.13	18.95	-112	1.10	0.10	"
1355	400	5.19	6.74	20.09	18.5	-111	1.30	0.56	"
1400	400	5.21	6.74	20.01	18.8	-110	1.37	0.21	н
								_	
		-							
				-					
olor:		Clear				Pump start:	1315		
dor:		none				Pump stop:			
ppearance:_		Clear				Gallons remo	ved:	3.5	
nalyses:	Sample MW-4	A 00 II-		00		Dup/MS/MSE	J		

Project/No.	A`	Y000386.00	001	_ Well	MW-4A-93		Date	9/25/2008	
Total depth (ft bmp)	15.9		Screened Interva				Casing Diamete	er (inches)	2
Measuring Po Description	int	N/A	-	Stati Wat	c er Level (ft bmp)	6.26		-	
Pump Intake (ft bmp)	14	-		Sampling Time:	Begin	1235	_ End	1420
Weather		Sunny, warr	m	-	Pump type	: Grundfos			
Sampled by :	N	cholas Bey	rle	-	Water Quality M	eter:	Horiba U-2	2	
Time	Pumping Rate (ml/min)	DTW (ft bmp)	pH (s.u.) +/- 0.1	TEMP. (C) 3%	Cond. (umhos or ms/cm) 3%	ORP (mV) +/-10	DO (mg/L) 10%	TURB (NTU) 10%	Note
1325	1500	()			1			_	
1330	800	8.11	6.45	19	2.04	-96	0.72	255	Lt brown c
1335	300	7.67	6.46	19.2	2.41	-102	1.23	140	
1340	300	7.65	6.47	19.2	3.23	-98	1.34	130	clear
1345	300	7.68	6.48	19.2	4.14	-93	1.38	119	clear
1350	300	7.68	6.49	19.4	4.42	-90	1.4	114	clear
1355	300	7.68	6.49	19.3	4.5	-87	1.4	113	clear
1400	300	7.68	6.49	19.4	4.57	-85	1.37	114	clear
1405	300	7.68	6.49	19.4	4.59	-84	1.36	113	clear
1410	300	7.68	6.49	19.4	4.6	-85	1.35	112	clear
								_	
			-						
								_	-
				-					
Color: _		clear				Pump start:	1325		
Odor:		none				Pump stop:	1420		
Appearance:		clear				Gallons remo		4.25	
Analyses:	V	OC 8260							

D :		·/000000	204				.	7/00/222	
Project/No.	A	YUUU386.00	001	Well	MW-5A-93		_ Date	7/23/2008	
Total depth (ft bmp)	17.20		Screened Interval	(ft bmp)			Casing Diamet	er (inches)	2
Measuring Po Description	pint	N/A_	-	Stati Wate	c er Level (ft bmp)	2.61		_	
Pump Intake (ft bmp)	14	-		Sampling Time:	Begin	1530	End	1620
Weather	cl	oudy with ra	ain		Pump type	: Grundfos			
Sampled by :	N	icholas Bey	rle		Water Quality M	leter:	Horiba U-2	2	_
Time	Pumping Rate (ml/min)	DTW (ft bmp)	pH (s.u.) +/- 0.1	TEMP. (C) 3%	Cond. (umhos or ms/cm) 3%	ORP (mV) +/-10	DO (mg/L) 10%	TURB (NTU) 10%	Notes
1535	initial	2.61			1				
1540	350	5.60	7.02	14.5	1.65	-98	0.7	12.8	
1545	250	3.76	6.87	14.82	1.79	-97	0.00	48.2	
1550	250	3.80	6.83	14.46	1.81	-96	0.00	17.1	
1555	250	3.81	6.82	14.64	12.7	-93	0.00	7.54	
1600	250	3.81	6.82	14.67	26.5	-92	0.00	4.28	
1605	250	3.80	6.82	14.82	29.8	-90	0.00	3.29	
1610	250	3.81	6.83	14.88	30.5	-89	0.00	2.33	
1615	250	3.81	6.84	14.87	30.4	-88	0.00	2.81	
				_					
				_					,
								_	
olor:		clear				Pump start:	1535		
dor: _		none				Pump stop:	1625		
ppearance:_						Gallons remo Dup/MS/MSE	_	7	

DATA USABILITY SUMMARY REPORT

THE SHERWIN-WILLIAMS COMPANY, INC NEWSTEAD SUPERFUND SITE NEWSTEAD, NEW YORK

SDG #A08-8874, #A08-B791

VOLATILE ANALYSES, SEMIVOLATILE ANALYSES, TOTAL AND DISSOLVED METALS, CYANIDE

Analyses performed by:

Test America Laboratories Amherst, New York

Review performed by:

Mary Ann Doyle



Report #A088874R Project #AY000386.0001.0001

Summary

The following is an assessment of the data package for Sample Delivery Group (SDG) #A08-8874 for sampling from the Sherwin-Williams Site. Included with this assessment are the corrected sample results, sample compliance report and chain of custody. Analyses were performed on the following samples:

	Lab ID M		Matrix Sample Collection Date	Parent Sample	Analysis				
Sample ID		Matrix			voc	svoc	РСВ	MET	MISC
DUP072308	A8887409	Water	7/23/08	MW3B-93	Х	Х		Х	Х
MW1A-93	A8887403	Water	7/23/08		Х	Х		Х	Х
MW-1B-93	A8887404	Water	7/23/08		Х	Х		Х	Х
MW2A-93	A8887401	Water	7/23/08		Х	Х		Х	Х
MW-2B-93	A8887402	Water	7/23/08		Х	Х		Х	Х
MW-3A-08	A8887405	Water	7/23/08		Х	Х		Х	Х
MW3B-93	A8887406	Water	7/23/08		Х	Х		Х	Х
MW4A-93	A8887407	Water	7/23/08		X*	Х		Х	Х
MW5A-93	A8887408	Water	7/23/08		Х	Х		Х	Х
RB072308	A8887411	Water	7/23/08		Х	Х		Х	Х
TRIP BLANK	A8887410	Water	7/23/08		Х	Х		Х	Х

Note: Sample MW4A-93 was on the chain of custody but not received by the laboratory or analyzed for volatile organic compounds (VOCs). Sample RB072308 was collected, analyzed, and reported but not placed on the chain of custody.

^{*}Sample MW4A-93 was sampled and resubmitted September 25, 2008 for volatile organic compound (VOC) analysis as sample delivery group #A08-B791.

VOLATILE ORGANIC COMPOUND (VOC) ANALYSES

Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8260 as referenced in NYSDEC-ASP. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
- B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
- JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
- E The compound was quantitated above the calibration range.
- D Concentration is based on a diluted sample analysis.
- C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).
- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
- R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	· Matrix	Holding Time	Preservation
	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
SW-846 8260	Soil	48 hours from collection to extraction and 14 days from extraction to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method, trip, and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Trip blanks measure contamination of samples during shipment. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes were detected in the associated blanks; however, the associated sample results were greater than the BAL and/or were non-detect. Therefore, the sample results were not qualified.

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.1 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.2 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
DUP072308 MW1A-93 MW-1B-93 MW2A-93 MW-2B-93 MW-3A-08 MW3B-93 MW4A-93 MW5A-93	CCV %D	2-Butanone	-21.5%
RB072308	CCV %D	Methylene Chloride	-21.5%
MW4A-93	ICV %D	Methylene Chloride	33%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification
	RRF <0.05	Non-detect	R
	KKF <0.05	Detect	J
Initial and	RRF <0.01 ¹	Non-detect	R
Continuing Calibration	KKF <0.01	Detect	J
	RRF >0.05 or RRF >0.01 ¹	Non-detect	No Action
		Detect	NO Action
	%RSD > 15% or a	Non-detect	UJ
Initial Calibration	correlation coefficient < 0.99	Detect	J
	%D >20%	Non-detect	No Action
Continuing Calibration	(increase in sensitivity)	Detect	J
	%D >20%	Non-detect	UJ

Initial/Continuing	Criteria	Sample Result	Qualification
	(decrease in sensitivity)	Detect	j

^{1.} RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

All surrogate recoveries were within control limits.

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the VOC exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) of the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

Sample locations associated with the MS/MSD exhibiting recoveries outside of the control limits are presented in the following table.

Sample Locations	Compound	MS Recovery	MSD Recovery	
	1,1-Dichloroethene			
MMOD 02	Trichloroethene		>UL	
MW2B-93	Benzene	AC	>0L	
	Chlorobenzene]		

AC = Acceptable

The criteria used to evaluate the MS/MSD recoveries are presented in the following table. In the case of an MS/MSD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
z the apper control limit (OE)	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
the lower control limit (LL) but > 10%	Detect	J
< 10%	Non-detect	R
- 1076	Detect	J
Parent sample concentration > four times the MS/MSD	Detect	No Action
spiking solution concentration (D).	Non-detect	No Action

Sample locations associated with MS/MSD recoveries exhibiting an RPD greater than of the control limit presented in the following table.

Sample Locations	Compound
	1,1-Dichloroethene
MW2B-93	Trichloroethene
	Benzene
	Chlorobenzene

The criteria used to evaluate the RPD between the MS/MSD recoveries are presented in the following table. In the case of an RPD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	J
² OL	Detect	J

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW3B-93/DUP072308	All compounds	ND	ND	AC

ND = Not detected.

AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than two times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.



Introduction

Analyses were performed according to (United Stated Environmental Protection Agency) USEPA SW-846 Method 8270 as referenced in NYSDEC-ASP. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1999.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.
- J The compound was positively identified; however, the associated numerical value is an estimated concentration only.
- B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.
- N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.
- JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.
- E The compound was quantitated above the calibration range.
- D Concentration is based on a diluted sample analysis.
- C Identification confirmed by gas chromatograph/mass spectrometer (GC/MS).
- UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
- R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
CIM 040 0070	Water	7 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4 °C
SW-846 8270	Soil	14 days from collection to extraction and 40 days from extraction to analysis	Cooled @ 4 °C

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

All analytes associated with the QA blanks exhibited a concentration less than the MDL, with the exception of the analytes listed in the following table. Sample results associated with the following sample locations were qualified.

Sample Locations	Compounds	Sample Result	Qualification
MW2B-93 MW4A-93	Naphthalene	Detected sample results <rl <bal<="" and="" td=""><td>U at the PQL</td></rl>	U at the PQL

RL = reporting limit

3. Mass Spectrometer Tuning

Mass spectrometer performance was acceptable.

System performance and column resolution were acceptable.

4. Calibration

Satisfactory instrument calibration is established to insure that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument daily performance is satisfactory.

4.3 Initial Calibration

The method specifies percent relative standard deviation (%RSD) and relative response factor (RRF) limits for select compounds only. A technical review of the data applies limits to all compounds with no exceptions.

All target compounds associated with the initial calibration standards must exhibit a %RSD less than the control limit (15%) or a correlation coefficient greater than 0.99 and an RRF value greater than control limit (0.05).

4.4 Continuing Calibration

All target compounds associated with the continuing calibration standard must exhibit a percent difference (%D) less than the control limit (20%) and RRF value greater than control limit (0.05).

All compounds associated with the calibrations were within the specified control limits, with the exception of the compounds presented in the following table.

Sample Locations	Initial/Continuing	Compound	Criteria
DUP072308 MW1A-93 MW-1B-93 MW2A-93 MW-2B-93 MW-3A-08 MW3B-93 MW4A-93 MW5A-93	CCV %D	Benzoic acid	25.8%

The criteria used to evaluate the initial and continuing calibration are presented in the following table. In the case of a calibration deviation, the sample results are qualified.

Initial/Continuing	Criteria	Sample Result	Qualification	
	DDE <0.05	Non-detect	R	
	RRF <0.05	Detect	J	
Initial and	RRF <0.01 ¹	Non-detect	R	
Continuing Calibration	KKF <0.01	Detect	J	
	RRF >0.05 or RRF >0.01 ¹	Non-detect	No Action	
		Detect		
	%RSD > 15% or	Non-detect	UJ	
Initial Calibration	correlation coefficient < 0.99	Detect	J	
Continuing	%D >20%	Non-detect	No Action	
Calibration	(increase in sensitivity)	Detect	J	

Initial/Continuing	Criteria	Sample Result	Qualification
	%D >20%	Non-detect	ΟΊ
	(decrease in sensitivity)	Detect	J

RRF of 0.01 only applies to compounds which are typically poor responding compounds (i.e. ketones, 1,4-Dioxane, etc.)

5. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. SVOC analysis requires that two of the three SVOC surrogate compounds within each fraction exhibit recoveries within the laboratory-established acceptance limits.

Sample locations associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample Locations	Surrogate	Recovery
	Phenol-d5	AC
	2-Fluorophenol	< LL but > 10%
MM/4A 02	2,4,6-Tribromophenol	AC
MW4A-93	Nitrobenzene-d5	AC
	2-Fluorobiphenyl	AC
	p-Terphenyl-d14	AC

Upper control limit (UL) Lower control limit (LL)

Diluted (D)

Acceptable (AC)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification	
> UL	Non-detect	No Action	
> OL	Detect	J	
- 11 hut > 400/	Non-detect	J	
< LL but > 10%	Detect	J	
< 10%	Non-detect	R	
< 10%	Detect	J	
One of three surrogate exhibiting	Non-detect		
recovery outside the control limits but greater than 10%.	Detect	No Action	
Surrogates diluted below the	Non-detect		
calibration curve due to the high concentration of a target compounds	Detect	No Action	

6. Internal Standard Performance

Internal standard performance criteria insure that the GC/MS sensitivity and response are stable during every sample analysis. The criteria requires the internal standard compounds associated with the

SVOC to exhibit area counts that are not greater than two times (+100%) or less than one-half (-50%) the area counts of the associated continuing calibration standard.

All internal standard areas and retention times were within established limits.

7. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analysis

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations were the compounds concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

The MS/MSD exhibited acceptable recoveries and RPD between the MS/MSD recoveries.

8. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

All compounds associated with the LCS analysis exhibited recoveries within the control limits.

9. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW3B-93/DUP072308	All compounds	ND	ND	AC

ND = Not detected.

AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than two times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between the parent sample and field duplicate were acceptable.

10. Compound Identification

Compounds are identified on the GC/MS by using the analytes relative retention time and ion spectra.

All identified compounds met the specified criteria.

11. System Performance and Overall Assessment Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

METALS ANALYSES

Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 6000/7000 as referenced in NYSDEC-ASP. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1994.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and that it was already subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
 - B The reported value was obtained from a reading less than the contract-required detection limit (CRDL), but greater than or equal to the instrument detection limit (IDL).
- Quantitation (Q) Qualifiers
 - E The reported value is estimated due to the presence of interference.
 - N Spiked sample recovery is not within control limits.
 - * Duplicate analysis is not within control limits.
- Validation Qualifiers
 - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The analyte was not detected above the reported sample detection limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 6010B	Water	180 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
OW-040 00 10D	Soil 180 days from collection to analysis		Cooled @ 4 °C.
SW-846 7470	Water	28 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of less than 2.
SW-846 7471	Soil	28 days from collection to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method or rinse blanks), are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks (including initial and continuing calibration blanks, and preparation blanks) measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected analyte in an associated blank is calculated for QA blanks containing concentrations greater than the IDL. The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No analytes were detected above the reporting limit in the associated blanks.

3. Calibration

Satisfactory instrument calibration is established to provide that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument's continuing performance is satisfactory.

3.1 Initial Calibration and Continuing Calibration

The correct number and type of standards were analyzed. The correlation coefficient of the initial calibration was greater than 0.995 for all non-ICP analytes and all initial calibration verification standard recoveries were within control limits.

All continuing calibration verification standard recoveries were within the control limit.

3.2 CRDL Check Standard

The CRDL check standard serves to verify the linearity of calibration of the analysis at the CRDL. The CRDL standard is not required for the analysis of aluminum (Al), barium (Ba), calcium (Ca), iron (Fe), magnesium (Mg), sodium (Na), and potassium (K). The criteria used to evaluate the CRDL standard analysis are presented below in the CRDL standards evaluation table.

All CRDL standard recoveries were within control limits.

3.3 ICP Interference Control Sample (ICS)

The ICS verifies the laboratories interelement and background correction factors.

All ICS exhibited recoveries within the control limits.

4. Matrix Spike (MS)/Laboratory Duplicate Analysis

MS and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

4.1 MS Analysis

All metal analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS recovery control limits do not apply for MS performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory qualifier "N" will be removed.

The MS analysis performed on sample locations MW2B-93 total and MW2B-93 dissolved exhibited recoveries within the control limits.

4.2 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the CRDL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the CRDL, a control limit of one times the CRDL is applied for water matrices and two times the CRDL for soil matrices.

The laboratory duplicate sample results exhibited RPD within the control limit.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Analyte	Sample Result	Duplicate Result	RPD
MW3B-93/DUP072308 (total)	Barium	35.8	30.6	AC
MW3B-93/DUP072308 (dissolved)		21.8	25.8	AC

ND = Not detected.

AC = The field duplicate RPD is acceptable when the RPD between parent sample and field duplicate sample is less than two times the RL and where the parent sample and/or duplicate concentration is less than five times the RL.

The calculated RPDs between parent sample and field duplicate were acceptable.

6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences.

The LCS analysis exhibited recoveries within the control limits.

7. Serial Dilution

The serial dilution analysis is used to assess if a significant physical or chemical interference exists due to sample matrix. Analytes exhibiting concentrations greater than 50 times the MDL in the undiluted sample are evaluated to determine if matrix interference exists. These analytes are required to have less than a 10% difference (%D) between sample results from the undiluted (parent) sample and results associated with the same sample analyzed with a five-fold dilution.

The serial dilution performed on sample location MW2B-93 total and MW-2B93 dissolved exhibited %D within the control limit.

8. Furnace Analysis QC

No furnace analyses were performed on the samples.

9. Method of Standard Additions (MSA)

No samples were analyzed following the method of standard additions.

10. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

CYANIDE ANALYSIS

Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 9012B as referenced in NYSDEC-ASP. Data were reviewed in accordance with USEPA National Functional Guidelines of October 1994. The data quality indicators reported on the laboratory data forms of this limited review of Available Cyanide included holding times, associated blanks, matrix spike recoveries, duplicate analysis and laboratory control sample recovery.

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and that it was already subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
 - U The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
 - B The reported value was obtained from a reading less than the contract-required detection limit (CRDL), but greater than or equal to the instrument detection limit (IDL).
- Quantitation (Q) Qualifiers
 - N Spiked sample recovery is not within control limits.
 - * Duplicate analysis is not within control limits.
- Validation Qualifiers
 - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
 - UJ The analyte was not detected above the reported sample detection limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
 - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Data Assessment

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 9012B	Water	14 days from collection to analysis	Cooled @ 4 °C; preserved to a pH of greater than 12.
SW-846 9012B	Soil	14 days from collection to analysis	Cooled @ 4 °C.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method or rinse blanks), are prepared to identify any contamination that may have been introduced into the samples during sample preparation or field activity. Method blanks (including initial and continuing calibration blanks, and preparation blanks) measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected analyte in an associated blank is calculated for QA blanks containing concentrations greater than the MDL. The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

No analytes were detected above the reporting limit in the associated blanks.

3. Calibration

Satisfactory instrument calibration is established to provide that the instrument is capable of producing acceptable quantitative data. An initial calibration demonstrates that the instrument is capable of acceptable performance at the beginning of an experimental sequence. The continuing calibration verifies that the instrument's continuing performance is satisfactory.

3.1 Initial Calibration and Continuing Calibration

The correct number and type of standards were analyzed. The correlation coefficient of the initial calibration was greater than 0.995.

All initial and continuing calibration verification standard recoveries were within the control limit.

4. Matrix Spike (MS)/Laboratory Duplicate Analysis

MS and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

4.1 MS Analysis

Cyanide must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS recovery control limits do not apply for MS performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory qualifier "N" will be removed.

All analytes associated with MS recoveries were within control limits.

4.4 Laboratory Duplicate Analysis

The laboratory duplicate relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the CRDL. A control limit of 20% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the CRDL, a control limit of one times the CRDL is applied for water matrices and two times the CRDL for soil matrices.

The laboratory duplicate exhibited acceptable recoveries.

5. Field Duplicate Analysis

Field duplicate analysis is used to assess the precision and accuracy of the field sampling procedures and analytical method. A control limit of 50% for water matrices and 100% for soil matrices is applied to the RPD between the parent sample and the field duplicate.

Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compound	Sample Result	Duplicate Result	RPD
MW3B-93/DUP072308	Total cyanide	ND(0.01)	ND(0.01)	AC

The calculated RPDs between parent sample and field duplicate were acceptable.

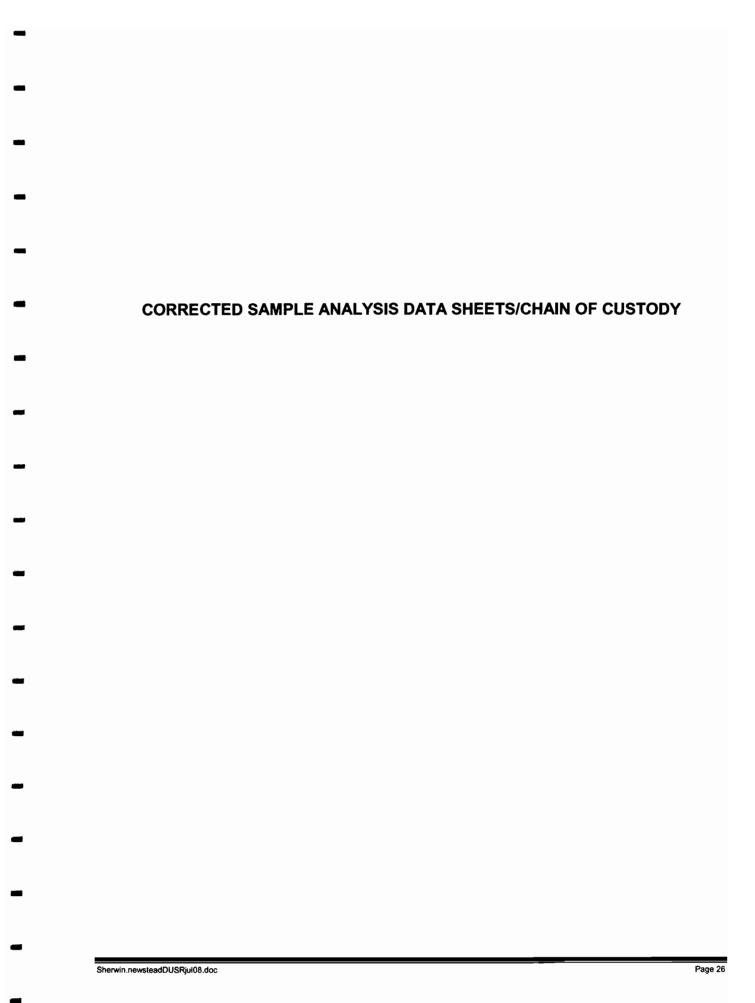
6. Laboratory Control Sample (LCS) Analysis

The LCS analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences.

The LCS analysis exhibited recoveries within the control limits.

7. System Performance and Overall Assessment

Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.



Chain of Custody Record

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75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone	ug/L or ug/Kg)	<u>UG/L</u>	U	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone	(ug/L or ug/Kg)	1.0 5.0	บ	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane	(ug/L or ug/Kg)	1.0 5.0 5.0	บ บ ว บ	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide	ug/L or ug/Kg)	1.0 5.0 5.0 1.0	บ บ บ บ	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0	บ บ บ บ บ	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0	บ บ บ บ บ บ	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0 1.0	บ บ บ บ บ บ บ	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0 1.0 1.0	U U U U U U U U U U U U U U U U U U U	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0 1.0 1.0	U D U U U U U U U U U U U U U U U U U U	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene 79-01-6Trichloroethene	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0 1.0 1.0 1.0	ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride	ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0 1.0 1.0 1.0	ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט ט	

SDG No.:	
Lab Sample ID: <u>A8887404</u>	
Lab File ID: S6453.RR	_
Date Samp/Recv: 07/23/2008 07	/23/2008
Date Analyzed: 07/27/2008	
Dilution Factor:1.00	
Soil Aliquot Volume:	(uL)
ONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q	
1.0 U U 5.0 U U 5.0 U U 1.0 U	
	Lab Sample ID: A8887404 Lab File ID: S6453.RR Date Samp/Recv: 07/23/2008 07 Date Analyzed: 07/27/2008 Dilution Factor:

Lab Name: TestAmerica Laboratories Inc. Contract:	MW2A-93	
hab Name: rescamerica haboracories inc. Contract:		
Lab Code: RECNY Case No.: SAS No.:	SDG No.:	
Matrix: (soil/water) WATER	Lab Sample ID: <u>A8887401</u>	
Sample wt/vol: 5.00 (g/mL) ML	Lab File ID: S6448.RR	
Level: (low/med) <u>LOW</u>	Date Samp/Recv: 07/22/2008 07/23/200	<u>38</u>
% Moisture: not dec Heated Purge: N	Date Analyzed: <u>07/27/2008</u>	
GC Column: <u>ZB-624</u> ID: <u>0.18</u> (mm)	Dilution Factor:1.00	
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)	
	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform	1.0 U U U U U U U U U U U U U U U U U U U	

Lab Name: TestAmerica Laboratories Inc.	Contract.		MW2B-	93	
THE PARK. ICOCARCITICS INC.	Carcrace.				
Lab Code: RECNY Case No.:	SAS No.:	SDG No	o.:		
Matrix: (soil/water) WATER		Lab Sample 1	D: <u>A88874</u>	02	
Sample wt/vol: 5.00 (g/mL) ML		Lab File ID:	S6449.	RR	_
Level: (low/med) <u>LOW</u>		Date Samp/Re	cv: <u>07/22/</u>	2008 07	/23/2008
% Moisture: not dec Heated Purge	:: <u>N</u>	Date Analyze	ed: <u>07/27/</u>	2008	
GC Column: <u>ZB-624</u> ID: <u>0.18</u> (mm)		Dilution Fac	tor:1.	00	
Soil Extract Volume: (uL)		Soil Aliquot	Volume:		(uL)
·					
CAS NO. COMPOUND		CONCENTRATION UN (ug/L or ug/Kg)		Q	
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene		(ug/L or ug/Kg)	1.0 5.0 5.0 1.0 1.0	ס של	

Lab Name: TestAmerica Laboratories Inc. Contract:	MW3A-08
Test in its in i	
Lab Code: RECONY Case No.: SAS No.: _	SDG No.:
Matrix: (soil/water) WATER	Lab Sample ID: <u>A8887405</u>
Sample wt/vol:	Lab File ID: <u>S6454.RR</u>
Level: (low/med) <u>LOW</u>	Date Samp/Recv: 07/23/2008 07/23/2008
% Moisture: not dec Heated Purge: N	Date Analyzed: 07/27/2008
GC Column: <u>ZB-624</u> ID: <u>0.18</u> (mm)	Dilution Factor:1.00
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)
CAS NO. COMPOUND	ONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform	5.0 U 5 5.0 U 1.0 U 1.0 U 1.0 U 1.0 U

Lab Name: TestAmerica Laboratories Inc. Contract:	MW3B-93
100 100 100 100 100 100 100 100 100 100	
Lab Code: RECNY Case No.: SAS No.: _	SDG No.:
Matrix: (soil/water) WATER	Lab Sample ID: A8887406
Sample wt/vol: 5.00 (g/ml) ML	Lab File ID: S6455.RR
Level: (low/med) <u>LOW</u>	Date Samp/Recv: 07/23/2008 07/23/2008
% Moisture: not dec Heated Purge: N	Date Analyzed: <u>07/27/2008</u>
GC Column: <u>ZB-624</u> ID: <u>0.18</u> (mm)	Dilution Factor:1.00
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)
	INCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene	5.0 UT 5.0 U 1.0 U

Lab Name: TestAmerica Laboratories Inc. Contract:		75A-93	
TAD Name: ICSCARETTCA TATOTACOTTES IIC. CONCIACC.			
Lab Code: RECNY Case No.: SAS No.: SI	G No.:	_	
Matrix: (soil/water) WATER Lab Samp	ole ID: <u>A88</u>	87408	
Sample wt/vol: 5.00 (g/mL) ML Lab File	E ID: <u>S64</u>	56.RR	_
Level: (low/med) <u>LOW</u>	p/Recv: <u>07/</u>	23/2008 0	7/23/2008
% Moisture: not dec Heated Purge: N Date Ana	lyzed: <u>07/</u>	27/2008	
GC Column: ZB-624 ID: 0.18 (mm) Dilution	Factor:	1.00	
Soil Extract Volume: (uL) Soil Ali	quot Volume:		(սԼ)
CONCENTRATIO	א נאודיוים.		
CAS NO. COMPOUND (ug/L or ug		_ Q	
75-35-41,1-Dichloroethene	1.	0 U	7
78-93-32-Butanone	5.	0 UJ	
67-64-1Acetone	5.	o lu	
1/1-43-2Benzene	1.		
74-97-5Bromochloromethane	1.	ง ไบ	1
75-15-0Carbon Disulfide	1.0		i
108-90-7Chlorobenzene	1.0		1
67-66-3Chloroform	1.0	-	1
100-41-4Ethylbenzene	1.0		1
75-09-2Methylene chloride	1.0		J
108-88-3Toluene	1.0		
79-01-6Trichloroethene	1.0		1
75-01-4Vinyl chloride	1.0		1
1330-20-7Total Xylenes	3.0		
*	-1		

RB072308
SDG No.:
Lab Sample ID: A8887411
Lab File ID: S6466.RR
Date Samp/Recv: 07/23/2008 07/23/2008
Date Analyzed: <u>07/28/2008</u>
Dilution Factor:1.00
Soil Aliquot Volume: (uL)
ONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
1.0 U 5.0 U 4.8 J 1.0 U

Lab Namo, Togtamorica Laboratorios Inc. Contract.	TRIP BLANK
Lab Name: <u>TestAmerica Laboratories Inc.</u> Contract:	
Lab Code: RECNY Case No.: SAS No.:	SDG No.:
Matrix: (soil/water) WATER	Lab Sample ID: A8887410
Sample wt/vol:5.00 (g/mL) ML	Lab File ID: S6458.RR
Level: (low/med) <u>LOW</u>	Date Samp/Recv: 07/23/2008 07/23/2008
% Moisture: not dec Heated Purge: N	Date Analyzed: 07/27/2008
GC Column: ZB-624 ID: 0.18 (mm)	Dilution Factor:1.00
Soil Extract Volume: (uL)	Soil Aliquot Volume: (uL)
CO	NCENTRATION UNITS:
	NCENTRATION UNITS: ug/L or ug/Kg) <u>UG/L</u> Q
CAS NO. COMPOUND (175-35-41,1-Dichloroethene	ug/Lorug/Kg) <u>UG/L</u> Q 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone	ug/L or ug/Kg) <u>UG/L</u> Q 1.0 U 5.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone	ug/L or ug/Kg) <u>UG/L</u> Q 1.0 U 5.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride	1.0 U 5.0 U 5.0 U 1.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene	1.0 U 5.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene 79-01-6Trichloroethene	1.0 U 5.0 U 5.0 U 1.0 U 5.0 U 1.0 U
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride	1.0 U 5.0 U 5.0 U 1.0 U 5.0 U 1.0 U

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METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

Lab Name: TestAmeric	a <u>Laboratories Inc.</u>	Contract:				
Lab Code: <u>RECNY</u> C	ase No.:	SAS No.:	SDG No.: _			
Matrix: (soil/water)	WATER		Lab Sample ID:	A8887409		
Sample wt/vol:	<u>1060.0</u> (g/mL) <u>ML</u>		Lab File ID:	X25380.RI	3	
Level: (low/med)	LOW		Date Samp/Recv:	07/23/200	08 07/23/2	<u>8008</u>
% Moisture:	decanted: (Y/N) N		Date Extracted:	07/25/200	<u>)8</u>	
Concentrated Extract	Volume: 1000 (uL)		Date Analyzed:	08/01/200	<u>8</u> 0	
Injection Volume:	1.00 (uL)		Dilution Factor:	1.00		
GPC Cleanup: (Y/N)]	N pH: 9.0					
CAS NO.	COMPOUND		CENTRATION UNITS: g/L or ug/Kg)		Q	
121-14-2	2,4-Dimethylphenol 2,4-Dinitrotoluene			9	U U	
	2,6-Dinitrotoluene			-	ָּ <u></u>	
1106-44-5	4-Metrononeno!			9	tj	

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

ı	Lab Name: TestAmerica Laboratories Inc. Cor	mwia-93
'	In raic. <u>Icotricità Inc.</u>	<u></u>
	Lab Code: RECNY Case No.: SA	AS No.: SDG No.:
l	Matrix: (soil/water) <u>WATER</u>	Lab Sample ID: <u>A8887403</u>
	Sample wt/vol: 1050.0 (g/mL) ML	Lab File ID: X25374.RR
	Level: (low/med) <u>LOW</u>	Date Samp/Recv: <u>07/23/2008</u> <u>07/23/2008</u>
	% Moisture: decanted: (Y/N) N	Date Extracted: <u>07/25/2008</u>
	Concentrated Extract Volume: 1000 (uL)	Date Analyzed: <u>08/01/2008</u>
	Injection Volume: 1.00 (uL)	Dilution Factor:1.00
	GPC Cleanup: (Y/N) N pH: 6.0	
	CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q
	105-67-92,4-Dimethylphenol	10 U
	121-14-22,4-Dinitrotoluene	
	606-20-22,6-Dinitrotoluene	U 10 U
	106-44-54-Methylphenol	10 U
	100-01-64-Nitroaniline	I 48 IŬ I
	208-96-8Acenaphthylene	10 U
	65-85-0Benzoic acid	140 U
	111-44-4Bis(2-chloroethyl) eth	
	117-81-7Bis(2-ethylhexyl) phth	alate 10 U
	84-66-2Diethyl phthalate	U
	84-74-2Di-n-butyl phthalate	10 U
	91-20-3Naphthalene	U U
	108-95-2Phenol	U U

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

Ish Name: TastAmerica Ishoratories Inc. Contract:		MW1B-93	
	_		
Lab Code: RECNY Case No.: SAS No.: SI	DG No.:		
Matrix: (soil/water) WATER Lab Samp	ple ID: A	8887404	
Sample wt/vol: 1050.0 (g/mL) ML Lab File	e ID: <u>X</u>	25375.RR	
Level: (low/med) <u>LOW</u> Date Sar	mp/Recv: <u>0</u>	7/23/2008	07/23/2008
% Moisture: decanted: (Y/N) N Date Ext	tracted: 0	7/25/2008	
Concentrated Extract Volume: 1000 (uL) Date Ana	alyzed: 08	8/01/2008	
Injection Volume: 1.00 (uL) Dilution	n Factor: _	1.00	
GPC Cleanup: (Y/N) N pH: 7.0			
		/ <u>L</u> (Q
105-67-92.4-Dimethylphenol	10) U	
121-14-22,4-Dinitrotoluene	_		
606-20-22,6-Dinitrotoluene	_ 10) U	
[106-44-54-Methylphenol) U	1
100-01-64-Nitroaniline	_ 48		
208-96-8Acenaphthylene			ł
65-85-0Benzoic acid	— 1		
111-44-4Bis(2-chloroethyl) ether			- 1
117-81-7Bis (2-ethylhexyl) phthalate			
84-66-2Dietnyi phthalate	_	_	1
01-20-2 Naphthalana	— I		
108-95-2Phenol	 /		
	Lab Code: RECNY Case No.:	Lab Name: TestAmerica Laboratories Inc. Contract:	Matrix: (soil/water) WATER Lab Sample ID: A8887404

MEIHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

_	Lab Name: TestAmer	rica Laboratories Inc.	Contract:			MW2A-93	
	Lab Code: <u>RECNY</u>	Case No.:	SAS No.:	SDG	No.:		
•	Matrix: (soil/wate	er) <u>WATER</u>		Lab Sample	ID:	A8887401	_
	Sample wt/vol:	<u>1060.0</u> (g/mL) <u>ML</u>		Lab File I	D: <u>}</u>	X25370.RR	<u>_</u>
I	Level: (low/med)	LOW		Date Samp/	Recv:	07/22/2008	3 07/23/2008
	% Moisture:	decanted: (Y/N) N		Date Extra	cted: <u>(</u>	07/25/2008	3
ı	Concentrated Extra	ct Volume: 1000 (uL)		Date Analy	zed: (08/01/2008	3
ı	Injection Volume:_	1.00 (uL)		Dilution Fa	actor: _	1.00	
	GPC Cleanup: (Y/N)) <u>N</u> pH: <u>6.0</u>					
	CAS NO.	COMPOUND		ENIRATION (g/L or ug/Ko		<u>5/L</u>	Q
	105-67-9-	2,4-Dimethylphenol				9 0	J
	121-14-2	2,4-Dinitrotoluene				9 1	J
	606-20-2	2,6-Dinitrotoluene	:	1		9 0	J
	106-44-5	4-Methylphenol		1		9 U	J
	[100-01-6	4-Nitroaniline			4	17 U	т
	208-96-8	Acenaphthylene				9 ប	r
	65-85-0	Benzoic acid			14	io U	r
	111-44-4	Bis(2-chloroethyl)	ether			9 ប	r
	117-81-7	Bis(2-ethylhexyl)	phthalate			9 ប	·
	84-66-2	·Diethyl phthalate				9 U	
	84-74-2	Di-n-butyl phthala	te			9 ប	
	91-20-3	Naphthalene				9 U	I
	108-95-2	Phenol	· · · · · · · · · · · · · · · · · · ·			9 U	

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

	Lab Name: TestAmerica Laboratories Inc. Contrac	t:	MW2B-93
1		-	
	Lab Code: RECNY Case No.: SAS No	.: SLG NO.: _	
1	Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	A8887402
	Sample wt/vol: 1060.0 (g/mL) ML	Lab File ID:	X25371.RR
)	Level: (low/med) <u>LOW</u>	Date Samp/Recv:	07/22/2008 07/23/2008
	% Moisture: decanted: (Y/N) N	Date Extracted:	07/25/2008
•	Concentrated Extract Volume: 1000 (uL)	Date Analyzed:	08/01/2008
	Injection Volume: 1.00(uL)	Dilution Factor:	
•	GPC Cleanup: (Y/N) N pH: 6.0		
ı	CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>I</u>	
	705 67 0 0 4 25 13 13 13		
	105-67-92,4-Dimethylphenol		9 U
ı	121-14-22,4-Dinitrotoluene		9 U U
	606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol		9 0
	100-01-64-Nitroaniline		47 U
	208-96-8Acenaphthylene		9 0
	65-85-0Benzoic acid	₁	140 U
	111-44-4Bis(2-chloroethyl) ether		9 0
	117-81-7Bis(2-ethylhexyl) phthalate		9 0
l	84-66-2Diethyl phthalate		9 U
	84-74-2Di-n-butyl phthalate		9 U
	91-20-3Naphthalene		0.2 ELL
	108-95-2Phenol		9 0

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

_	Lab Name: TestAmerica Laboratories Inc. Cont	MW3A-08	
•	The real control of the control of t		
	Lab Code: RECNY Case No.: SAS	S No.: SDG No.:	
•	Matrix: (soil/water) WATER	Lab Sample ID: A8887405	
	Sample wt/vol: 1060.0 (g/mL) ML	Lab File ID: X25376.RR	
1	Level: (low/med) <u>LOW</u>	Date Samp/Recv: 07/23/2008 07/23/	<u>/2008</u>
_	% Moisture: decanted: (Y/N) N	Date Extracted: <u>07/25/2008</u>	
•	Concentrated Extract Volume: 1000 (uL)	Date Analyzed: <u>08/01/2008</u>	
	Injection Volume: 1.00 (uL)	Dilution Factor:1.00	
	GPC Cleanup: (Y/N) N pH: 6.0		
•	CAS NO. COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) <u>UG/L</u> Q	
	105-67-92,4-Dimethylphenol	9 U	
•	121-14-22,4-Dinitrotoluene	9 U	
	606-20-22,6-Dinitrotoluene	9 U	
	106-44-54-Methylphenol	I 9 IU I	
	1100-01-64-Nitroaniline	47 [11	
•	208-96-8Acenaphthylene	9 Ŭ	
	165-65-0Belizote acid	140 0	
	111-44-4Bis(2-chloroethyl) ether	r 9 Ŭ	
l	117-81-7Bis(2-ethylhexyl) phtha	late9 U	
	84-66-2Diethyl phthalate	9 0	
	84-74-2Di-n-butyl phthalate	0.3 J	
	91-20-3Naphthalene		
1	108-95-2Phenol	9 TU	

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

Lab Name: TestAmerica Laboratories Inc. Contract:		MW3B-93	
Lab Code: RECNY Case No.: SAS No.:	SDG No.:_		
Matrix: (soil/water) <u>WATER</u>	Lab Sample ID:	A8887406	<u>: </u>
Sample wt/vol: 1060.0 (g/mL) ML	Lab File ID:	X25377.R	r <u>R</u>
Level: (low/med) <u>LOW</u>	Date Samp/Recv:	07/23/20	08 07/23/2008
% Moisture: decanted: (Y/N) N	Date Extracted:	07/25/20	08
Concentrated Extract Volume: 1000 (uL)	Date Analyzed:	08/01/20	08
Injection Volume: 1.00(uL)	Dilution Factor:	1.00	
GPC Cleanup: (Y/N) N pH: 9.0			
	KCENTRATION UNITS: ng/L or ug/Kg)		Q
CAS NO. COMPOUND (1	g/L or ug/Kg)	UG/L_	
CAS NO. COMPOUND (u	ng/L or ug/Kg)		Q U
CAS NO. COMPOUND (105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene	ng/L or ug/Kg)	UG/L 9	U
CAS NO. COMPOUND (105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene	ng/L or ug/Kg)	<u>UG/L</u> 9 9	n.
CAS NO. COMPOUND (u 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline	ng/L or ug/Kg)	<u>UG/L</u> 9 9 9	u u u
CAS NO. COMPOUND (u 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene	ng/L or ug/Kg)	9 9 9 9	u u u u
CAS NO. COMPOUND (u 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene	ng/L or ug/Kg)	9 9 9 9 9 47 9	u u u u u u u
CAS NO. COMPOUND (1 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene 65-85-0Benzoic acid 111-44-4Bis (2-chloroethyl) ether	ng/L or ug/Kg)	9 9 9 9 9 47 9 140 9	u u u u u u u u
CAS NO. COMPOUND (1 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene 65-85-0Benzoic acid 111-44-4Bis (2-chloroethyl) ether 117-81-7Bis (2-ethylhexyl) phthalate	ng/L or ug/Kg)	9 9 9 9 47 9 140 9	u u u u u u u u u
CAS NO. COMPOUND (1 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene 65-85-0Benzoic acid 111-44-4Bis(2-chloroethyl) ether 117-81-7Bis(2-ethylhexyl) phthalate 84-66-2Diethyl phthalate	ng/L or ug/Kg)	9 9 9 47 9 140 9 9	u u u u u u u u u u u
CAS NO. COMPOUND (1 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene 65-85-0Benzoic acid 111-44-4Bis(2-chloroethyl) ether 117-81-7Bis(2-ethylhexyl) phthalate 84-66-2Diethyl phthalate 84-74-2Di-n-butyl phthalate	ng/L or ug/Kg)	9 9 9 47 9 140 9 9	u u u u u u u u u u u u u u
CAS NO. COMPOUND (1 105-67-92,4-Dimethylphenol 121-14-22,4-Dinitrotoluene 606-20-22,6-Dinitrotoluene 106-44-54-Methylphenol 100-01-64-Nitroaniline 208-96-8Acenaphthylene 65-85-0Benzoic acid 111-44-4Bis(2-chloroethyl) ether 117-81-7Bis(2-ethylhexyl) phthalate 84-66-2Diethyl phthalate	ng/L or ug/Kg)	9 9 9 47 9 140 9 9	u u u u u u u u u u

MW4A-93

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METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

Client No.

Tab Nama	: TestAmeric	a Laboratori	ec Inc	Contract.					
Tan Marie	: IESCARELIC	a hatoratori	.cs III.	Concrace.					
Lab Code	: <u>RECNY</u> C	ase No.:		SAS No.:		SDG No.:			
Matrix:	(soil/water)	WATER			Lab Sa	mple ID:	A888740	7	
Sample w	t/vol:	<u>1050.0</u> (g/m	ъ) <u>мг</u>		Lab Fi	le ID:	X25378.	RR	
Level:	(low/med)	LOW			Date 9	amp/Recv:	07/23/2	008 07/	23/2008
% Moistu	re:	decanted:	(Y/N) <u>N</u>		Date E	xtracted:	07/25/2	008	
Concentra	ated Extract	Volume: 100	<u>ര</u> (പ്പ)		Date A	nalyzed:	08/01/2	008	
Injectio	n Volume:	1.00 (uL)			Diluti	on Factor	:1.0	<u>o</u>	
GPC Clear	nup: (Y/N)	N pH: 6.0	!						
	CAS NO.	COMPOUND		-	CONCENTRAT (ug/L or			Q	
	105-67-9	2,4-Dimet	hvlphenol				10	U]
	121-14-2	2,4-Dinit	rotoluene			<u> </u>	10	υ	
	606-20-2	2,6-Dinit	rotoluene			_	10	ַ	ļ
	106-44-5	4-Methylp	henol				10	U	
	100-01-6	4 -N itroan	iline				48	U	1
	208-96-8	Acenaphth	ylene			<u></u>	10	U	
	65-85-0- <i></i>	Benzoic a	cid				360	3	
	111-44-4	Bis(2-chl	oroethyl)	ether			10	U	
		Bis(2-eth		ncharate			10 10	U U	
	04-00-2	Diethyl pl	uciatace			1	10	10	

117-81-7-----Bis(2-ethylhexyl) phthalate 84-66-2------Diethyl phthalate 84-74-2-------Di-n-butyl phthalate 91-20-3-------Naphthalene 108-95-2------Phenol

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

Lab Name: TestAmerica Laboratories Inc. Contract:		MW5A-93	
hab wate. Tesemerica habitatories inc. Contract.			_
Lab Code: RECNY Case No.: SAS No.:	SDG No.: _		
Matrix: (soil/water) WATER Lab Sa	mple ID:	A8887408	
Sample wt/vol: 1060.0 (g/mL) ML Lab Fi	le ID:	X25379.RR	
Level: (low/med) <u>LOW</u> Date S	amp/Recv:	07/23/2008	07/23/2008
% Moisture: decanted: (Y/N) N Date E	xtracted:	07/25/2008	
Concentrated Extract Volume: 1000 (uL) Date A	nalyzed:	08/01/2008	
Injection Volume: 1.00 (uL) Dilution	on Factor:	1.00	
GPC Cleanup: (Y/N) N pH: 6.0			
CONCENTRATE CAS NO. COMPOUND (ug/L or u		G/L	Q
105-67-92,4-Dimethylphenol		9 U	
105-67-92,4-Dimetnylphenol		9 0	
606-20-22,6-Dinitrotoluene		9 0	1
106-44-54-Methylphenol		9 U	
1100-01-64-Nitroaniline	ľ	47 U	[
208-96-8Acenaphthylene		9 U	J
65-85-0Benzoic acid	1	40 U	
111-44-4Bis(2-chloroethyl) ether		9 U	ł
117-81-7Bis(2-ethylhexyl) phthalate		9 U	
84-66-2Diethyl phthalate	ſ	9 U	}
84-74-2Di-n-butyl phthalate	1	9 U	ļ
91-20-3Naphthalene		9 U	
108-95-2Dhonol		α Íττ	

METHOD 8270 - SPECIAL LIST ANALYSIS DATA SHEET

	Lab Name: TestAmerica Laboratories Inc.	Contract:	RB072	308 	
	Lab Code: RECNY Case No.:		No.:		
				11	
1	Matrix: (soil/water) <u>WATER</u>	Lab Sample	E ID: <u>A88874</u>	<u>TT</u>	
	Sample wt/vol: $\underline{1055.0}$ (g/mL) $\underline{\text{ML}}$	Lab File :	D: <u>X25381</u>	.RR	-
ı	Level: (low/med) <u>LOW</u>	Date Samp,	/Recv: <u>07/23/</u>	2008 07	/23/2008
	% Moisture: decanted: (Y/N) N	Date Extra	acted: <u>07/25/</u>	2008	
•	Concentrated Extract Volume: 1000 (uL)	Date Analy	zed: <u>08/01/</u>	2008	
	Injection Volume: 1.00 (uL)	Dilution A	Factor:1.0	00	
•	GPC Cleanup: (Y/N) N pH: 4.0				
		CONCENTRATION	UNITS:		
•	CAS NO. COMPOUND	(ug/L or ug/l	(g) <u>UG/L</u>	Q	
	105-67-92,4-Dimethylphenol		9	U	
	121-14-22,4-Dinitrotoluene		9	[ט	
	606-20-22,6-Dinitrotoluene		9	U	}
	106-44-54-Methylphenol		9	U	
	100-01-64-Nitroaniline		47	ū	
	208-96-8Acenaphthylene	_ 	9	U	
	65-85-0Benzoic acid	at box	140	U	
	111-44-4Bis (2-chloroethyl)	ether	9 9	l ₀	
_	117-81-7Bis(2-ethylhexyl) 84-66-2Diethyl phthalate	unitidatate	9	ü	
	184-74-2Di-n-butyl nhthalat	-Δ	9	שׁ	
	91-20-3Naphthalene		9	Ū	
			á	lττ	

INORGANIC ANALYSIS DATA PACKAGE

Client:

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887409

Client ID: DUP072308

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		30.6	ug/L			2.0	2.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P
Copper	<	10.0	ug/L	υ		10.0	10.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P
Zinç	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	23:22	SUPERTRACE	1072528-2	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887409-SOL

Date Received:

7/23/2008

Date Collected:

Client ID: DUP072308-SOL

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

Matrix: WATER

A8B19417

Prep Date:

7/25/2008

								Anaiy	tical			
	Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
	25.8	ug/L			2.0	2.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:53	SUPERTRACE2	A072508	P
	< < <	25.8 < 1.0 < 4.0 < 4.0 < 10.0 < 5.0	 4.0 ug/L 4.0 ug/L 10.0 ug/L 5.0 ug/L 	25.8 ug/L < 1.0 ug/L U < 4.0 ug/L U < 4.0 ug/L U < 10.0 ug/L U < 5.0 ug/L U	25.8 ug/L < 1.0 ug/L U < 4.0 ug/L U < 4.0 ug/L U < 10.0 ug/L U < 5.0 ug/L U	25.8 ug/L 2.0 < 1.0 ug/L U 1.0 < 4.0 ug/L U 4.0 < 4.0 ug/L U 4.0 < 10.0 ug/L U 10.0 < 5.0 ug/L U 5.0	25.8 ug/L 2.0 2.0 < 1.0 ug/L U 1.0 1.0 < 4.0 ug/L U 4.0 4.0 < 4.0 ug/L U 4.0 4.0 < 10.0 ug/L U 10.0 10.0 < 5.0 ug/L U 5.0 5.0	25.8 ug/L 2.0 2.0 1 < 1.0 ug/L U 1.0 1.0 1 < 4.0 ug/L U 4.0 4.0 1 < 4.0 ug/L U 4.0 4.0 1 < 10.0 ug/L U 10.0 10.0 1 < 5.0 ug/L U 5.0 5.0 1	Concentration Units C Qual RL RL Dil Date 25.8 ug/L 2.0 2.0 1 7/25/2008 <	25.8 ug/L 2.0 2.0 1 7/25/2008 19:53 <	Concentration Units C Qual RL RL Dil Date Time Instrument 25.8 ug/L 2.0 2.0 1 7/25/2008 19:53 SUPERTRACE2 <	Concentration Units C Qual RL RL Dil Date Time Instrument Run 25.8 ug/L 2.0 2.0 1 7/25/2008 19:53 SUPERTRACE2 A072508 <

INORGANIC ANALYSIS DATA PACKAGE

Client: Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887403

Client ID: MW1A-93

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Anaiy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		39.3	ug/L			2.0	2.0	1	7/25/2008	22:49	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	22:49	SUPERTRACE	1072528-2	P
Chromium		15.3	ug/L			4.0	4.0	1	7/25/2008	22:49	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	. 1	7/25/2008	22:49	SUPERTRACE	1072528-2	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	22:49	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	22:49	SUPERTRACE	1072528-2	P
Zinc	<	10.0	ug/L	U		10.0	10.0	I	7/25/2008	22:49	SUPERTRACE	1072528-2	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887403-SOL

Client ID: MW1A-93-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		30.3	ug/L			2.0	2.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	<u>Р</u>
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:20	SUPERTRACE2	A072508	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887404

Client ID: MW1B-93

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		66.2	ug/L			2.0	2.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	22:55	SUPERTRACE	1072528-2	P

- 1 -INORGANIC ANALYSIS DATA PACKAGE

Client: Arcadis Geraghty & Miller

SDG No.: . A08-8874

Method Type:

Sample ID: A8887404-SOL

Client ID: MW1B-93-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008 Level:

1.0

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

LOW

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

Analytical Analyte Concentration Units C Qual RL RLDil Date Time Instrument Run M Barium 64.8 ug/L 2.0 7/25/2008 19:26 SUPERTRACE2 A072508 2.0 P Cadmium < 1.0 ug/L U 1.0 1.0 7/25/2008 19:26 SUPERTRACE2 A072508 P Chromium < 4.0 ug/L U 4.0 4.0 7/25/2008 19:26 SUPERTRACE2 A072508 P Cobalt < 4.0 .ug/LU 4.0 19:26 4.0 7/25/2008 SUPERTRACE2 A072508 P Copper < 10.0 ug/L U 10.0 10.0 7/25/2008 19:26 SUPERTRACE2 A072508 Lead < 5.0 ug/L U 5.0 5.0 1 7/25/2008 19:26 SUPERTRACE2 A072508 P < Zinc 10.0 ug/L 10.0 U 10.0 7/25/2008 19:26 SUPERTRACE2 A072508 P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887401

Client ID: MW2A-93

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/22/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		138	ug/L			2.0	2.0	1	7/25/2008	20:42	SUPERTRACE	1072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	20:42	SUPERTRACE	1072508	P
Chromium		14.5	ug/L			4.0	4.0	1	7/25/2008	20:42	SUPERTRACE	1072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	20:42	SUPERTRACE	1072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	20:42	SUPERTRACE	1072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	Ī	7/25/2008	20:42	SUPERTRACE	1072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	20:42	SUPERTRACE	1072508	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887401-SOL

Client ID: MW2A-93-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/22/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		127	ug/L			2.0	2.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	18:36	SUPERTRACE2	A072508	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887402

Client ID: MW2B-93

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/22/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

								Analy	tical			
	Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
	25.2	ug/L			2.0	2.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	20:48	SUPERTRACE	1072508	P
	< < <	25.2 < 1.0 < 4.0 < 4.0 < 10.0 < 5.0	 1.0 ug/L 4.0 ug/L 4.0 ug/L 10.0 ug/L 5.0 ug/L 	25.2 ug/L < 1.0 ug/L U < 4.0 ug/L U < 4.0 ug/L U < 10.0 ug/L U < 5.0 ug/L U	25.2 ug/L < 1.0 ug/L U < 4.0 ug/L U < 4.0 ug/L U < 10.0 ug/L U < 5.0 ug/L U	25.2 ug/L 2.0 1.0 ug/L U 1.0 4.0 ug/L U 4.0 4.0 ug/L U 4.0 10.0 ug/L U 10.0 5.0 ug/L U 5.0	25.2 ug/L 2.0 2.0 1.0 ug/L U 1.0 1.0 4.0 ug/L U 4.0 4.0 4.0 ug/L U 4.0 4.0 10.0 ug/L U 10.0 10.0 5.0 ug/L U 5.0 5.0	25.2 ug/L 2.0 2.0 1 < 1.0 ug/L U 1.0 1.0 1 < 4.0 ug/L U 4.0 4.0 1 < 4.0 ug/L U 4.0 4.0 1 < 10.0 ug/L U 10.0 10.0 1 < 5.0 ug/L U 5.0 5.0 1	Concentration Units C Qual RL RL Dil Date 25.2 ug/L 2.0 2.0 1 7/25/2008 <	25.2 ug/L 2.0 2.0 1 7/25/2008 20:48 1.0 ug/L U 1.0 1.0 1 7/25/2008 20:48 4.0 ug/L U 4.0 4.0 1 7/25/2008 20:48 4.0 ug/L U 4.0 4.0 1 7/25/2008 20:48 4.0 ug/L U 4.0 4.0 1 7/25/2008 20:48 10.0 ug/L U 10.0 10.0 1 7/25/2008 20:48 5.0 ug/L U 5.0 5.0 1 7/25/2008 20:48	Concentration Units C Qual RL Dil Date Time Instrument 25.2 ug/L 2.0 2.0 1 7/25/2008 20:48 SUPERTRACE <	Concentration Units C Qual RL RL Dil Date Time Instrument Run 25.2 ug/L 2.0 2.0 1 7/25/2008 20:48 SUPERTRACE 1072508 < 1.0 ug/L

-1-INORGANIC ANALYSIS DATA PACKAGE

Client: Arcadis Geraghty & Miller SDG No.:

A08-8874

Method Type:

Sample ID: A8887402-SOL

Client ID: MW2B-93-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/22/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		27.5	ug/L			2.0	2.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	18:41	SUPERTRACE2	A072508	P

- 1 -INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887405

Client ID: MW3A-08

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		66.0	ug/L			2.0	2.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P
Соррег	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	23:00	SUPERTRACE	1072528-2	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887405-SOL

Client ID: MW3A-08-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		52.4	ug/L			2.0	2.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:31	SUPERTRACE2	A072508	P

-1-INORGANIC ANALYSIS DATA PACKAGE

Client:

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887406

Date Received:

7/23/2008

Client ID: MW3B-93 Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

Matrix: WATER

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		35.8	ug/L			2.0	2.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Соррег	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	23:06	SUPERTRACE	1072528-2	P
Zinc		10.0	ug/L	U		10.0	10.0	1	112312008	23:00	SUPERTRACE	10/2328-2	۷

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887406-SOL

WATER

Date Received:

7/23/2008

Date Collected:

Client ID: MW3B-93-SOL

7/23/2008

Level:

LOW

% Solids:

Matrix:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		21.8	ug/L			2.0	2.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:37	SUPERTRACE2	A072508	P

- 1 -INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887407

Client ID: MW4A-93

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		29.9	ug/L			2.0	2.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P
Copper		10.4	ug/L			10.0	10.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P
Zinc		36.4	ug/L			10.0	10.0	1	7/25/2008	23:11	SUPERTRACE	1072528-2	P

-1-INORGANIC ANALYSIS DATA PACKAGE

Client:

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887407-SOL

Client ID: MW4A-93-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium		32.3	ug/L			2.0	2.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P
Соррег	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P
ead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:42	SUPERTRACE2	A072508	P

- 1 -INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887408

Client ID: MW5A-93

Matrix: WATER

<

<

<

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Analyte

Barium

Cadmium

Chromium

Cobalt

Copper

Lead

Zinc

Sample Wt/Vol:

C Qual

U

U

U

U

U

50.0

RL

2.0

1.0

4.0

4.0

10.0

5.0

10.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Concentration Units

147 ug/L

1.0 ug/L

7.5 ug/L

4.0 ug/L

10.0 ug/L

5.0 ug/L

10.0 ug/L

Prep Date:

RL

2.0

1.0

4.0

4.0

10.0

5.0

10.0

7/25/2008

7/25/2008

23:17

	Analy	tical			
Dil	Date	Time	Instrument	Run	M
1	7/25/2008	23:17	SUPERTRACE	1072528-2	P
1	7/25/2008	23:17	SUPERTRACE	1072528-2	P
1	7/25/2008	23:17	SUPERTRACE	1072528-2	P
1	7/25/2008	23:17	SUPERTRACE	1072528-2	P
1	7/25/2008	23:17	SUPERTRACE	1072528-2	P
1	7/25/2008	23:17	SUPERTRACE	1072528-2	P

SUPERTRACE 1072528-2

- 1 -INORGANIC ANALYSIS DATA PACKAGE

Client:

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887408-SOL

Client ID: MW5A-93-SOL

Matrix: WATER

Date Received:

7/23/2008

Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19417

Prep Date:

7/25/2008

								Analy	tical			
	Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
	140	ug/L			2.0	2.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:47	SUPERTRACE2	A072508	P
	< < <	140 < 1.0 < 4.0 < 4.0 < 10.0 < 5.0	 1.0 ug/L 4.0 ug/L 4.0 ug/L 10.0 ug/L 5.0 ug/L 	140 ug/L < 1.0 ug/L U < 4.0 ug/L U < 4.0 ug/L U < 10.0 ug/L U < 5.0 ug/L U	140 ug/L < 1.0 ug/L U < 4.0 ug/L U < 4.0 ug/L U < 10.0 ug/L U < 5.0 ug/L U	140 ug/L 2.0 < 1.0 ug/L U 1.0 < 4.0 ug/L U 4.0 < 4.0 ug/L U 4.0 < 10.0 ug/L U 10.0 < 5.0 ug/L U 5.0	140 ug/L 2.0 2.0 <	140 ug/L 2.0 2.0 1 <	Concentration Units C Qual RL RL Dil Date 140 ug/L 2.0 2.0 1 7/25/2008 <	140 ug/L 2.0 2.0 1 7/25/2008 19:47 <	Concentration Units C Qual RL RL Dil Date Time Instrument 140 ug/L 2.0 2.0 1 7/25/2008 19:47 SUPERTRACE2 < 1.0	Concentration Units C Qual RL RL Dil Date Time Instrument Run 140 ug/L 2.0 2.0 1 7/25/2008 19:47 SUPERTRACE2 A072508 1.0 ug/L U 1.0 1.0 1 7/25/2008 19:47 SUPERTRACE2 A072508 4.0 ug/L U 4.0 4.0 1 7/25/2008 19:47 SUPERTRACE2 A072508 4.0 ug/L U 4.0 4.0 1 7/25/2008 19:47 SUPERTRACE2 A072508 10.0 ug/L U 10.0 10.0 1 7/25/2008 19:47 SUPERTRACE2 A072508 5.0 ug/L U 5.0 5.0 1 7/25/2008 19:47 SUPERTRACE2 A072508

INORGANIC ANALYSIS DATA PACKAGE

Client: Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887411

Matrix: WATER

Date Received:

7/23/2008

Client ID: RB072308 Date Collected:

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

A8B19413

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dif	Date	Time	Instrument	Run	M
Barium	<	2.0	ug/L	U		2.0	2.0	1	7/25/2008	23:42	SUPERTRACE	1072528-2	P
Cadmium	<	1.0	ug/L	U		0.1	1.0	1	7/25/2008	23:42	SUPERTRACE	1072528-2	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:42	SUPERTRACE	1072528-2	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	23:42	SUPERTRACE	1072528-2	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	23:42	SUPERTRACE	1072528-2	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	23:42	SUPERTRACE	1072528-2	P
Zinc	<	10.0	ug/L	U		10.0	10.0	ī	7/25/2008	23:42	SUPERTRACE	1072528-2	P

INORGANIC ANALYSIS DATA PACKAGE

Arcadis Geraghty & Miller

SDG No.:

A08-8874

Method Type:

Sample ID: A8887411-SOL

Date Received:

7/23/2008

Date Collected:

Client ID: RB072308-SOL

7/23/2008

Level:

LOW

% Solids:

Sample Wt/Vol:

50.0

Final Vol:

50.0

Prep Batch ID:

Matrix: WATER

A8B19417

Prep Date:

7/25/2008

									Analy	tical			
Analyte		Concentration	Units	C	Qual	RL	RL	Dil	Date	Time	Instrument	Run	M
Barium	<	2.0	ug/L	U		2.0	2.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P
Cadmium	<	1.0	ug/L	U		1.0	1.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P
Chromium	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P
Cobalt	<	4.0	ug/L	U		4.0	4.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P
Copper	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P
Lead	<	5.0	ug/L	U		5.0	5.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P
Zinc	<	10.0	ug/L	U		10.0	10.0	1	7/25/2008	19:58	SUPERTRACE2	A072508	P

55/1027

Lab Name: TestAmerica Laboratories Inc.	Contrac	t:				DUP072308	
	SAS No					SDG No.:	
Matrix (soil/water): WATER		Lab Sam	ρle	e 1D:	<u>84</u>	887409	
% Solids: <u>0.0</u>		Date Sar	πp/	/Recv:	<u>07</u>	/23/2008 07	/23/2008
Parameter Name	Units of Measure		С	Q	М	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	Ū			9012	07/26/2008
Comments:							

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Lab Name: TestAmerica Laboratories Inc.	Contract	t:				MWLA-93	
	WILLACI	-i		_			
Lab Code: RECNY Case No.:	SAS No	·:				SDG No.:	
Matrix (soil/water): WATER		Lab Sam	ρle	e ID:	<u>88</u>	887403	
% Solids: 0.0		Date Sar	np/	'Recv:	<u>07</u>	<u>/23/2008</u> <u>07</u>	/23/2008
Parameter Name	Units of Measure	Result	С	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	ט			9012	07/26/2008
Comments:							
<u>·</u>							

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Lab Name: TestAmerica	a Laboratories Inc	Contract	t:			ŀ	MWTR-83	
		Concrac	·		_			
Lab Code: <u>RECNY</u>	Case No.:	SAS No.	.:				SDG No.:	
Matrix (soil/water):	WATER		Lab Sam	ρle	e ID:	<u>88</u>	887404	
% Solids:	0.0		Date Sar	np,	/Recv:	<u>07</u>	/23/2008 <u>07</u>	/23/2008
		Units of		_		ļ.,	Method	Analyzed
Paran	neter Name	Measure	Result	С	Q	М	Number	Date
Cyanide - Total		MG/L	0.010	ט			9012	07/26/2008
Comments:								
								·
· ·								

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Lab Name: TestAmerica Laboratories Inc.	Contract	t:]	MW2A-93	
Tab Name: <u>restamenta laboratories inc.</u>	Contract	·:		_	_		
Lab Code: RECNY Case No.:	SAS No	.:				SDG No.:	
Matrix (soil/water): WATER		Lab Sam	ple	D:	<u>A8</u>	887401	
% Solids: <u>0.0</u>		Date Sar	πp/	'Recv:	07	/22/2008 07	/23/2008
Parameter Name	Units of Measure	Result	С	Q	M	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			9012	07/26/2008
Comments:							

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Lab Name: TestAmerica Laboratories Inc.	Contract	5:				MW2B-93	
Lab Code: RECNY Case No.:		·		_		SDG No.:	
	SAS NO.						
Matrix (soil/water): WATER		Lab Sam	ple	e ID:	<u>A8</u>	887402	
% Solids:		Date Sar	np,	/Recv:	<u>07</u>	/22/2008 07	/23/2008
Parameter Name	Units of Measure	Result	С	Q	М	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	ט			9012	07/30/2008
Comments:							

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Client Sample No. MW3A-08 Contract: _____ Lab Name: TestAmerica Laboratories Inc. Lab Code: RECNY Case No.: ____ SAS No.: _____ SDG No.: ____ Matrix (soil/water): WATER Lab Sample ID: <u>A8887405</u> 0.0 % Solids: Date Samp/Recv: 07/23/2008 07/23/2008 Units of Method Analyzed Parameter Name Measure Result С Q M Number Date 07/26/2008 Cyanide - Total_ MG/L 0.010 U 9012 Comments:

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Tab Mana Markhamina Tabanahanina Tan	Claustines est					MW3B-93	
Lab Name: <u>TestAmerica Laboratories Inc.</u>	Contract	::		_			
Lab Code: RECNY Case No.:	SAS No.	:				SDG No.:	
Matrix (soil/water): WATER		Lab Samp	ρle	e ID:	<u>A8</u>	887406	
% Solids: 0.0		Date Sar	np/	Recv:	<u>07</u>	<u>/23/2008</u> <u>07</u>	/23/2008
Parameter Name	Units of Measure	Result	С	Q	м	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			9012	07/26/2008
Comments:							

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Lab Name: TestAmerica Laboratories Inc.	Contract	Z:			[MW4A-93	
Lab Code: RECNY Case No.:		·:	_	_		SDG No.:	
Matrix (soil/water): WATER		Lab Sam	ple	e ID:	<u>A8</u>	887407	
% Solids: 0.0		Date Sar	πp/	/Recv:	<u>07</u>	<u>/23/2008</u> <u>07</u>	/23/2008
Parameter Name	Units of Measure	Result	С	Q	м	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	ט			9012	07/26/2008
Comments:							

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Tab Name West Imperious Tabaset and as Tas	Contro					MW5A-93	
Lab Name: <u>TestAmerica Laboratories Inc.</u>	Contract	::		_			
Lab Code: RECNY Case No.:	SAS No.	·:				SDG No.: _	
Matrix (soil/water): WATER		Lab Sam	ple	D:	<u>A8</u>	887408	
% Solids:0.0		Date Sar	np/	Recv:	<u>07</u>	/23/2008 <u>07</u>	/23/2008
Parameter Name	Units of Measure	Result	С	Q	М	Method Number	Analyzed Date
Cyanide - Total	MG/L	0.010	U			9012	07/26/2008
Comments:							

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Tab M	mo. Toat Amoria	Laboratories Inc.	Contract	t:				RB072308	
Tan IV	me: <u>lescametica</u>	Laboratories Inc.	Contract	-:		_	_		
Lab C	xde: <u>RECNY</u>	Case No.:	SAS No	·:				SDG No.:	
Matri	(soil/water):	WATER		Lab Samp	ple	e ID:	<u>84</u>	887411	
% Sol:	ds:	0.0		Date Sar	ηp	/Recv:	<u>07</u>	<u>/23/2008</u> <u>07</u>	/23/2008
	Param	eter Name	Units of Measure		С	Q	М	Method Number	Analyzed Date
Cyani	de - Total		MG/L	0.010	ט			9012	07/26/2008
Commer	ts:								

Chain of Custody Record

Temperature on Receipt _____



Drinking Water? Yes □ No □ THE LEADER IN ENVIRONMENTAL TESTING TAL-4124 (1007) Client Project Manager Chain of Custody Number ARCANIS 9-25-08 Telephone Number (Area Code)/Fax Number 7826 State Zip Code Analysis (Attach list if Site Contact Fairport more space is needed) \wedge Project Name and Location (State) 8768 Special Instructions/ Contract/Purchase Order/Quote No. Conditions of Receipt Containers & AYC00 386.0001 Matrix Preservatives 101 Sample I.D. No. and Description Date Time (Containers for each sample may be combined on one line) 9-25-08 Possible Hazard Identification Sample Disposal Per Contract (A fee may be assessed if samples are retained Non-Hazard ☐ Flammable ☐ Skin Irritant Poison B Unknown Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months longer than 1 month) Turn Around Time Required QC Requirements (Specify) Other Please contact ☐ 24 Hours ☐ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days 9-2508 500 3. Relinguished By 3. Received By Comments PLASS CONTACT MORE SCHOOLS (ARCANTS) for two crowd from regulton Posts
DISTRIBUTION: WHITE-Returned to Client with Report; CANARY-Stays with the Sample; PINK-FIeld Copy

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METHOD 8260 - SPECIAL VOLATILE ORGANICS ANALYSIS DATA SHEET

Client No.

Lab Name: TestAmerica Laboratories Inc. Contract:		MW-4A-93
Lab Code: RECNY Case No.: SAS No.:	SDG No.: _	,
Matrix: (soil/water) WATER	Lab Sample ID:	A8B79101
Sample wt/vol: 5.00 (g/mL) ML	Lab File ID:	P1519.RR
Level: (low/med) <u>LOW</u>	Date Samp/Recv:	09/25/2008 09/25/2008
% Moisture: not dec Heated Purge: N	Date Analyzed:	09/29/2008
GC Column: <u>ZB-624</u> ID: <u>0.25</u> (mm)	Dilution Factor:	1.00
Soil Extract Volume: (uL)	Soil Aliquot Vol	ume: (uL)
	KENTRATION UNITS: g/L or ug/Kg)	<u>ng/r</u> ő
75-35-41,1-Dichloroethene 78-93-32-Butanone 67-64-1Acetone 71-43-2Benzene 74-97-5Bromochloromethane 75-15-0Carbon Disulfide 108-90-7Chlorobenzene 67-66-3Chloroform 100-41-4Ethylbenzene 75-09-2Methylene chloride 108-88-3Toluene 79-01-6Trichloroethene 75-01-4Vinyl chloride 1330-20-7Total Xylenes		1.0 U U U U U U U U U U U U U U U U U U U
1330 20 , Total Ayrenes		3.0



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SAMPLE COMPLIANCE REPORT

Samula	Complian			_		Co	mplianc	y ¹	Noncompliance	
Sample Delivery Group	Sampling Date	Protocol	Sample ID	Matrix	voc	svoc	РСВ	CN	MISC	
A08-8874	7/23/08	NYS-ASP	DUP072308	Water	No	Yes		Yes	Yes	VOC – CCV %D
A08-8874	7/23/08	NYS-ASP	MW1A-93	Water	No	Yes		Yes	Yes	VOC - CCV %D
A08-8874	7/23/08	NYS-ASP	MW-1B-93	Water	No	Yes		Yes	Yes	VOC – CCV %D
A08-8874	7/23/08	NYS-ASP	MW2A-93	Water	No	Yes		Yes	Yes	VOC - CCV %D
A08-8874	7/23/08	NYS-ASP	MW-2B-93	Water	No	No		Yes	Yes	SVOC Blank, VOC - CCV %D
A08-8874	7/23/08	NYS-ASP	MW-3A-08	Water	No	Yes		Yes	Yes	VOC - CCV %D
A08-8874	7/23/08	NYS-ASP	MW3B-93	Water	No	Yes		Yes	Yes	VOC – CCV %D
A08-8874	7/23/08	NYS-ASP	MW4A-93	Water		No		Yes	Yes	SVOC Blank, CCV%D
A08-8874	7/23/08	NYS-ASP	MW5A-93	Water	No	Yes		Yes	Yes	VOC - CCV %D
A08-8874	7/23/08	NYS-ASP	RB072308	Water	No	Yes		Yes	Yes	VOC - CCV %D
A08-8874	7/23/08	NYS-ASP	TRIP BLANK	Water	No					VOC - CCV %D
A08-B791	9/25/08	NYS-ASP	MW4A-93	Water	No					VOC – ICV %D

Samples which are compliant with no added validation qualifiers are listed as "yes". Samples which are non-compliant or which have added qualifiers are listed as "no". A "no" designation does not necessarily indicate that the data have been rejected or are otherwise unusable.

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