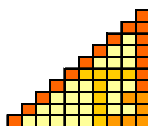


4th QUARTER 2011 GROUNDWATER QUALITY MONITORING REPORT

DINSBIER LANDFILL
Chautauqua County, NY

Prepared For:
**CHAUTAUQUA COUNTY DEPARTMENT OF
PUBLIC FACILITIES**

Prepared By:



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February 2012

**FOURTH QUARTER 2011
MONITORING RESULTS
DINSBIER LANDFILL
CHAUTAUQUA COUNTY, NY**

Prepared For

CHAUTAUQUA COUNTY DEPARTMENT OF
PUBLIC FACILITIES

Prepared By:

Applied Testing and Geosciences, LLC
401 E. Fourth Street, Building 12-B
Bridgeport, PA 19405

February 2012

Project No. 10724

**CHAUTAUQUA COUNTY
LANDFILL MONITORING SUMMARY
FOURTH QUARTER 2011 SAMPLING EVENT
DINSBIER LANDFILL**

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**CHAUTAUQUA COUNTY
LANDFILL MONITORING SUMMARY
FOURTH QUARTER 2011 SAMPLING EVENT
DINSBIER LANDFILL**

SECTION 1 – ACTIVITIES

The following report has been prepared by Applied Testing & Geosciences, LLC on behalf of the County of Chautauqua, New York for the Dinsbier Landfill, a closed facility, for the semi-annual facility monitoring event, conducted in the 4th quarter of 2011. On October 12th, 2011, groundwater and surface water samples were collected at the Dinsbier Landfill, Chautauqua County, NY in accordance with the facility's approved environmental monitoring plan. Water samples were collected from twenty-one (21) monitoring wells. Additionally, blind field duplicate samples were collected from one location. Four (4) sampling locations were not sampled because they were dry or had insufficient recharge:: DRS5, MW-912, CLG-100, and MW-932. Three (3) surface water samples (CLS-4, CLS-5 and CLS-6) were also collected.

All water samples were sent to Upstate Laboratories, Inc. of Syracuse, New York, a New York State certified laboratory, to be analyzed for a site-specific list of parameters.

All samples were received at the laboratory in good condition, and at proper temperatures. All method blank analytical results, and all matrix spike and duplicate (MS/D) recoveries were within QC limits unless otherwise noted in the laboratory narrative.

SECTION 2 – SUMMARY OF ANALYTICAL RESULTS

Table 1 provides a summary of the sampling locations. Table 2 presents a summary of analytical results. Site maps are presented in Attachment 1. Time-series graphs are presented in Attachment 2. Laboratory reports are included in Attachment 3.

During the 4th quarter 2011 sampling event, the following parameters exceeded NYSDEC groundwater standards (see Table 2):

- Chloride (DRS-6)
- Iron (DRS-1, DRS-2, DRD-2, DRS-6, DRD-7, DRS-8, CLG-918A, CLG-918B, and CLG-919; and surface water location CLS-6)
- Manganese (DRS-1, DRS-2, DRD-2, DRS-3, DRS-4, DRS-6, DRD-6, DRS-7, and CLG-919)
- Sodium (DRS-2, DRS-4, DRS-6, DRS-8, CLG-920A and MW-91-1B).

The above results are consistent with previous sampling events. Iron, Manganese, and Sodium are naturally occurring, and because the concentrations of other more typical leachate parameters (Ammonia, BOD, COD, TOC) are not significant, the overall level of landfill impact to site groundwater appears to be minor. The up and down-stream sampling results are similar, suggesting that the landfill is not adversely impacting surface water quality.

Long-term trends observed in indicator parameters are presented on the Time-Series graphs in Attachment 1. Based on these trends, no impact from the landfill is apparent, and the results of the 4th quarter 2011 are generally consistent with historical results.

The next scheduled monitoring event at the facility is the 2nd Quarter of 2012 for the site-specific parameters. It is recommended that the facility continue monitoring under the current program.

DINSBIER LANDFILL
Fourth Quarter of 2011

TABLES

Location	Well Diameter (Ins)	Casing Material	Hydro Unit	Measuring Point Elevation (CCDSW)	Well T.D. (Ft)	Water Depth Purge (Ft)	Casing Volume (Gal)	3X Casing Volume (Gal)	Actual Purge Volume (Gal)	Water Depth Sample (Ft)	Percent Recharge 24 Hours	Dedicated Purge/Sampling Equipment	
Wells													
DRS-1	4	PVC	BT	1532.39	10.95	8.96	1.3	3.9	0.8	Dry	9.68	64%	B/B
DRS-2	4	PVC	BT	1526.95	19.94	8.05	7.7	23.2	8.0	Dry	7.98	101%	T/T
DRD-2	4	PVC	WB	1525.86	32.04	7.77	15.8	47.3	48.0		7.59	101%	T/T
DRS-3	4	PVC	GT	1579.61	14.80	3.76	7.2	21.5	21.6		4.17	96%	T/T
DRS-4	4	PVC	GT	1564.58	14.04	4.04	6.5	19.5	6.5	Dry	4.55	95%	B/B
DRD-4	4	PVC	WB	1564.57	44.17	9.96	22.2	66.7	113.0		10.88	97%	T/T
DRS-5	4	PVC	GT	1543.13	16.54	15.65	0.6	1.7	0.3	Dry	Dry	Dry	T/T
DRS-6	4	PVC	GT	1507.93	14.80	8.46	4.1	12.4	4.5	Dry	8.59	98%	B/B
DRD-6	4	PVC	WB	1509.82	33.89	13.10	13.5	40.5	49.0		12.97	101%	T/T
DRS-7	4	PVC	BT	1489.36	19.56	6.92	8.2	24.6	24.8		7.00	99%	B/B
DRD-7	4	PVC	WB	1489.01	42.50	4.02	25.0	75.0	75.3		4.14	100%	B/B, P
DRS-8	4	PVC	GT	1504.73	11.59	2.77	5.7	17.2	6.0	Dry	9.15	28%	B/B
CLG-100	4	PVC	BG	1518.93	11.58	7.39	2.7	8.2	1.0	Dry	7.38	100%	B/B
CLG-914	4	PVC	GT	1576.68	15.96	3.77	7.9	23.8	5.8	Dry	3.86	99%	B/B
CLG-916A	4	PVC	WB	1518.24	11.58	7.01	3.0	8.9	4.8	Dry	7.08	98%	B/B
CLG-916B	4	PVC	WB	1518.32	31.69	14.70	11.0	33.1	33.5		22.83	52%	B/B
CLG-918A	4	PVC	BG	1581.95	18.27	10.43	5.1	15.3	5.5	Dry	10.78	96%	T/B
CLG-918B	2	PVC	GT	1581.94	62.76	15.39	7.6	22.7	22.8		17.10	96%	B/B
CLG-919	4	PVC	BG	1539.24	21.61	15.04	4.3	12.8	4.0	Dry	15.05	100%	B/B
CLG-920A	4	PVC	WB	1489.67	32.64	4.86	18.1	54.2	54.20		4.79	Dry	T/T
MW91-1B	4	PVC	BT	1547.06	13.80	7.29	4.2	12.7	5.0	Dry	10.24	55%	B/B
MW91-2	4	PVC	GT	1549.61	10.75	9.26	1.0	2.9	0.5	Dry	9.56	80%	B/B
MW91-3	4	PVC	BT	1526.87	10.79	7.10	2.4	7.2	2.0	Dry	7.65	85%	B/B
MW92-1A	4	PVC	WB	1548.22	35.58	9.80	16.8	50.3	50.5		9.80	100%	B/B
MW93-2	4	PVC	WB	1548.93	22.23	Dry	Dry	Dry		Dry	Dry	Dry	B
Surface Water													
CLS-4	Ditch, east side of Dinsbier Road, at north entrance.												
CLS-5	Stream sample from culvert under Dinsbier Road (upstream from confluence with ditch (CLS-4)).												
CLS-6	Stream sample east of landfill.												
Abbreviations:													
		BT	Brown Till - shallow overburden										
		WB	Weathered Bedrock - fractured upper bedrock water bearing unit										

TABLE 2
DINSBIER LANDFILL
Summary of Results
Fourth Quarter of 2011

PARAMETER	UNITS	Sample Locations														CLG-100	CLG-914	NYSDEC Standards
		DRS-1	DRD-2	DRS-2	DRS-3	DRS-4	DRD-4	DRS 5	DRS-6	DRD-6	DRS-7	DRD-7	DRD7 DUP	DRS-8				
Water Elevation	FT	8.69	10.75	11.44	6.52	3.03	10.54	Not Sampled	8.39	15.19	9.14	6.63		8.16	Not Sampled		5.12	
Dissolved Oxygen	MG/L																	
Specific Conductivity	UMHOS/CM	976	872	940	686	397	863		2190	504	403	363		820			268	
Field EH/ORP	MV	194	-21	-20	-6	61	88		-72	-20	42	34		19			47	
Temperature (Field Test)	DEGC	17	17.2	17.5	17.6	18.1	18.2		15.9	15.8	18.5	18.1		17.1			17.6	
Turbidity (Field)	NTU	3.68	3.43	8.95	21.06	3.4	5.41		41.23	3.46	21.13	27.35		12.49			3.39	
pH (Field)	SU	7.48	7.48	7.14	7.41	8.02	7.64		7.41	8.05	7.85	7.95		7.61			8.14	
Alkalinity	MG/LCACO	580	330	500	360	280	210		880	190	190	190		320			150	
Ammonia	MG/L	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)		ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)		ND (<0.5)			ND (<0.5)	2
Biochemical Oxygen Demand (BOD5)	MG/L	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)	ND (<4)		7	ND (<4)	ND (<4)	5		6			ND (<4)	
Chemical Oxygen Demand (COD)	MG/L	24	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)		61	ND (<20)	ND (<20)	ND (<20)		ND (<20)			ND (<20)	
Chloride	MG/L	2.12	85.5	25.1	6.04	18.5	1.45		315	44.7	10.6	4.86		4.38			1.71	250
Nitrate	MG/L	0.881	0.074	0.086	0.052	0.238	0.154		0.173	0.206	0.142	0.065		0.112			0.178	10
Total Dissolved Solids (TDS)	MG/L	610	510	540	380	580	300		1500	420	280	240		280			250	
Total Organic Carbon	MG/L	7.8	ND (<3)	3.5	4	4	ND (<3)		18.8	ND (<3)	ND (<3)	ND (<3)		ND (<3)			ND (<3)	
Iron, Total	MG/L	1.1	1.2	8.7	0.27	0.2	0.1		13	0.27	0.12	0.35		0.24			0.097	0.3
Manganese, Total	MG/L	0.63	1.8	2.9	2.5	0.46	0.26		3.5	0.96	0.82	0.22		0.16			0.01	0.3
Potassium, Total	MG/L	16	6.6	1.9	3.8	7.1	3.4		11	23	2.8	2.2		1.9			0.8	
Sodium, Total	MG/L	13	17	29	10	32	17		180	18	12	15		16			2.6	20
Nitrite	MG/L	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)		ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)		ND (<0.05)			ND (<0.05)	

PARAMETER	UNITS	Sample Locations								Surface Water			NYSDEC Standards					
		CLG-916A	CLG-916B	CLG-918A	CLG-918B	CLG-919	CLG-920A	MW-91-1B	MW91-2	MW-91-3	MW-92-1A	MW93-2		CLS-4	CLS-5	CLS-6		
Water Elevation	FT	8.02	17.81	14.97	17.02	16.52	7.21	6.11	Not Sampled	8.9	10.34	Not Sampled						
Dissolved Oxygen	MG/L									246	468			10.38	9.03	9.86		
Specific Conductivity	UMHOS/CM	516	262	612	738	989	626	625						293	519	356		
Field EH/ORP	MV	140	109	-67	-45	-26	73	93			186		100		112	114	76	
Temperature (Field Test)	DEGC	15.8	14.7	16.3	15.3	16	17.4	16.6			17.9		17.3		16.1	16.6	17	
Turbidity (Field)	NTU	4.04	15.9	23.23	21.06	6.13	3.7	3.68			4.08		9.98		8.14	3.93	1.17	
pH (Field)	SU	7.67	9.68	7.7	7.8	7.11	7.84	7.62			7.64		7.96		8.14	8.03	7.98	
Alkalinity	MG/LCACO	270	45	290	300	700	210	340			120		220		98	230	120	
Ammonia	MG/L	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)	ND (<0.5)		Not Sampled	ND (<0.5)		ND (<0.5)	Not Sampled	ND (<0.5)	ND (<0.5)	ND (<0.5)	2
Biochemical Oxygen Demand (BOD5)	MG/L	ND (<4)	ND (<4)	ND (<4)	17	13	ND (<4)	ND (<4)			ND (<4)		ND (<4)		ND (<4)	ND (<4)	ND (<4)	ND (<4)
Chemical Oxygen Demand (COD)	MG/L	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)	ND (<20)		ND (<20)	ND (<20)	ND (<20)		ND (<20)	ND (<20)		
Chloride	MG/L	6.12	29.5	1.35	74.7	1.86	85.8	1.81			1.46	13.8			28.1	13.3	27.5	250
Nitrate	MG/L	0.395	0.085	0.393	0.224	0.098	0.081	0.345			0.241	0.192			0.134	0.079	0.167	10
Total Dissolved Solids (TDS)	MG/L	350	200	390	460	680	430	410			190	320			220	370	260	
Total Organic Carbon	MG/L	ND (<3)	ND (<3)	ND (<3)	ND (<3)	ND (<3)	ND (<3)	ND (<3)			ND (<3)	ND (<3)			3.2	3.6	ND (<3)	
Iron, Total	MG/L	0.078	0.03	0.33	0.79	4.2	0.12	0.15			0.2	0.049			0.26	0.2	0.54	0.3
Manganese, Total	MG/L	0.11	0.084	0.02	0.036	4.7	0.22	0.02			0.099	0.008			0.23	0.07	0.09	0.3
Potassium, Total	MG/L	0.89	3.1	1.3	4.6	1.1	4.9	2.6			2.6	1.9			0.88	2.4	1.3	
Sodium, Total	MG/L	6.9	12	6.8	20	2.9	22	22		19	11		16	18	18	20		
Nitrite	MG/L	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)	ND (<0.05)		ND (<0.05)	ND (<0.05)		ND (<0.05)	ND (<0.05)	ND (<0.05)			

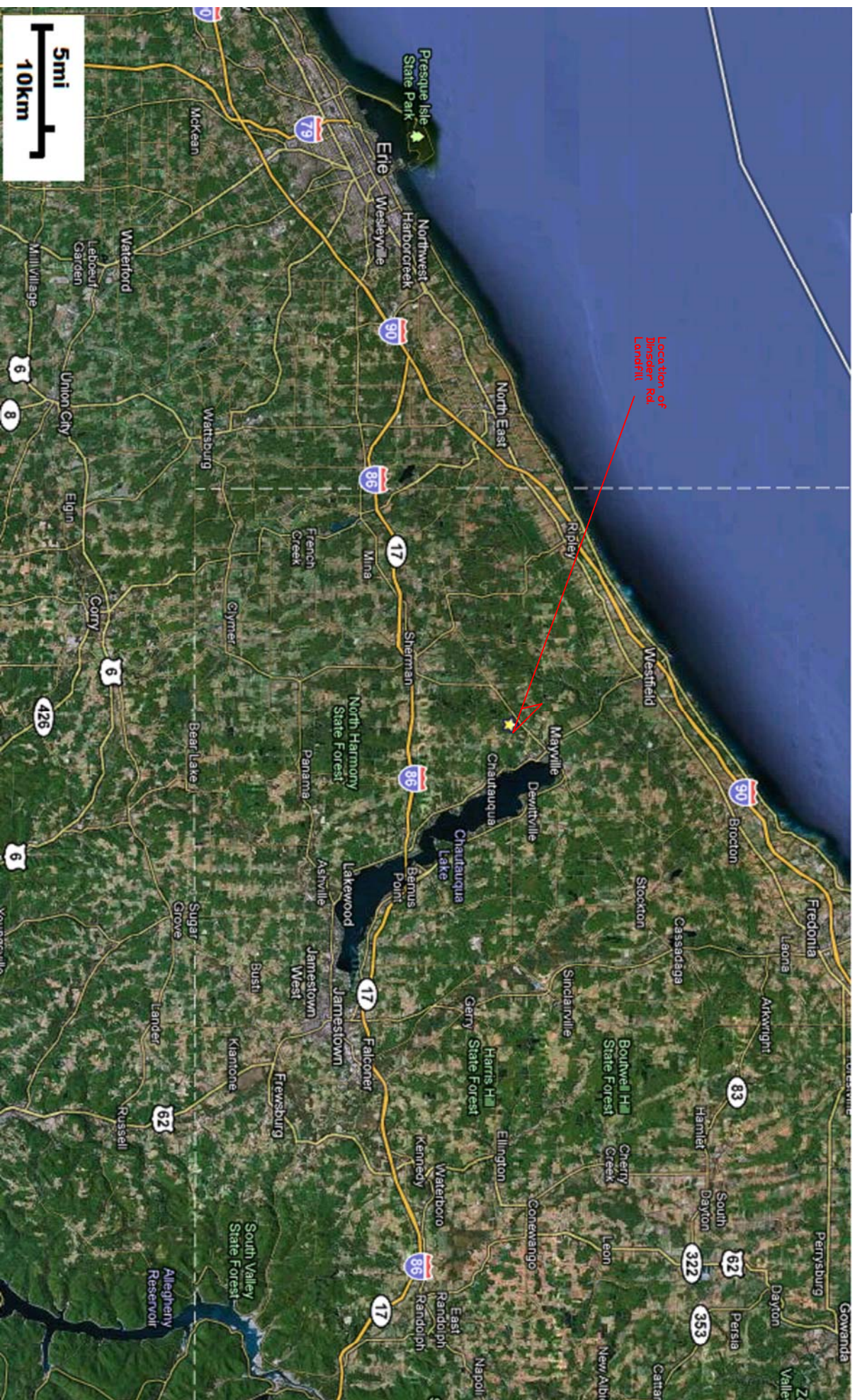
NYSDEC Groundwater Quality Standards Exceeded

Table 3
Dinsbier Landfill
RPD Calculations
Fourth Quarter 2011

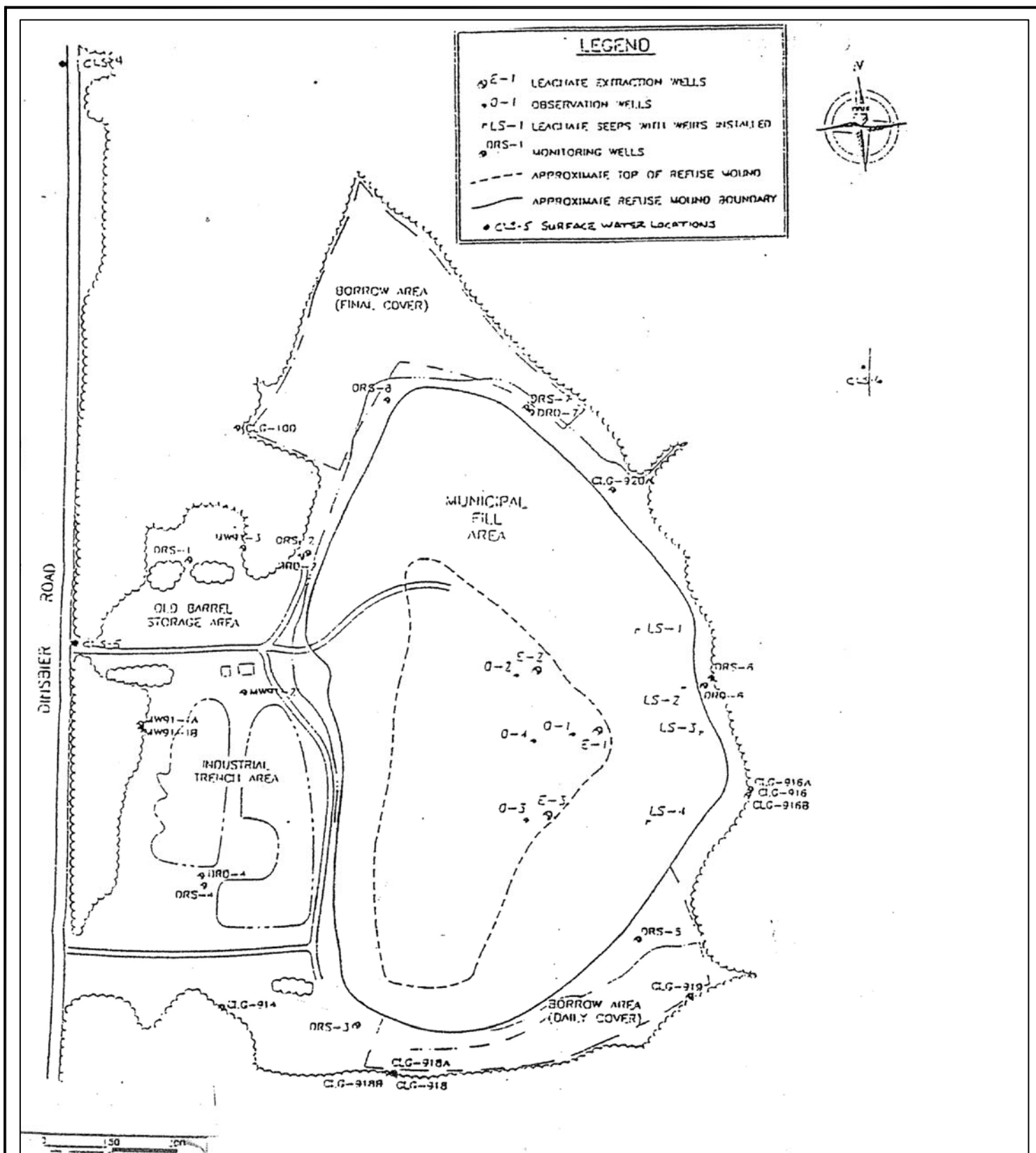
PARAMETER	UNITS	DRD-7	DRD7 DUPE	RPD
Alkalinity	MG/LCACO	190	190	0.0
Ammonia	MG/L	ND (<0.5)	ND (<0.5)	0
Biochemical Oxygen Demand (BOD5)	MG/L	5	6	0
Chemical Oxygen Demand (COD)	MG/L	ND (<20)	ND (<20)	0
Chloride	MG/L	4.86	4.38	10.4
Nitrate	MG/L	0.065	ND (<0.05)	
Total Dissolved Solids (TDS)	MG/L	240	280	15.4
Total Organic Carbon	MG/L	ND (<3)	ND (<3)	0
Iron, Total	MG/L	0.35	0.24	37.3
Manganese, Total	MG/L	0.22	0.16	31.6
Potassium, Total	MG/L	2.2	1.9	14.6
Sodium, Total	MG/L	15	16	6.5
Nitrite	MG/L	ND (<0.05)	ND (<0.05)	0

DINSBIER LANDFILL
FourthQuarter of 2011

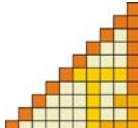
ATTACHMENT 1: MAPS



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PROJECT: FOURTH QUARTER 2011 MONITORING REPORT	SCALE: NA DATE: 2/22/2012 FIGURE: 1		



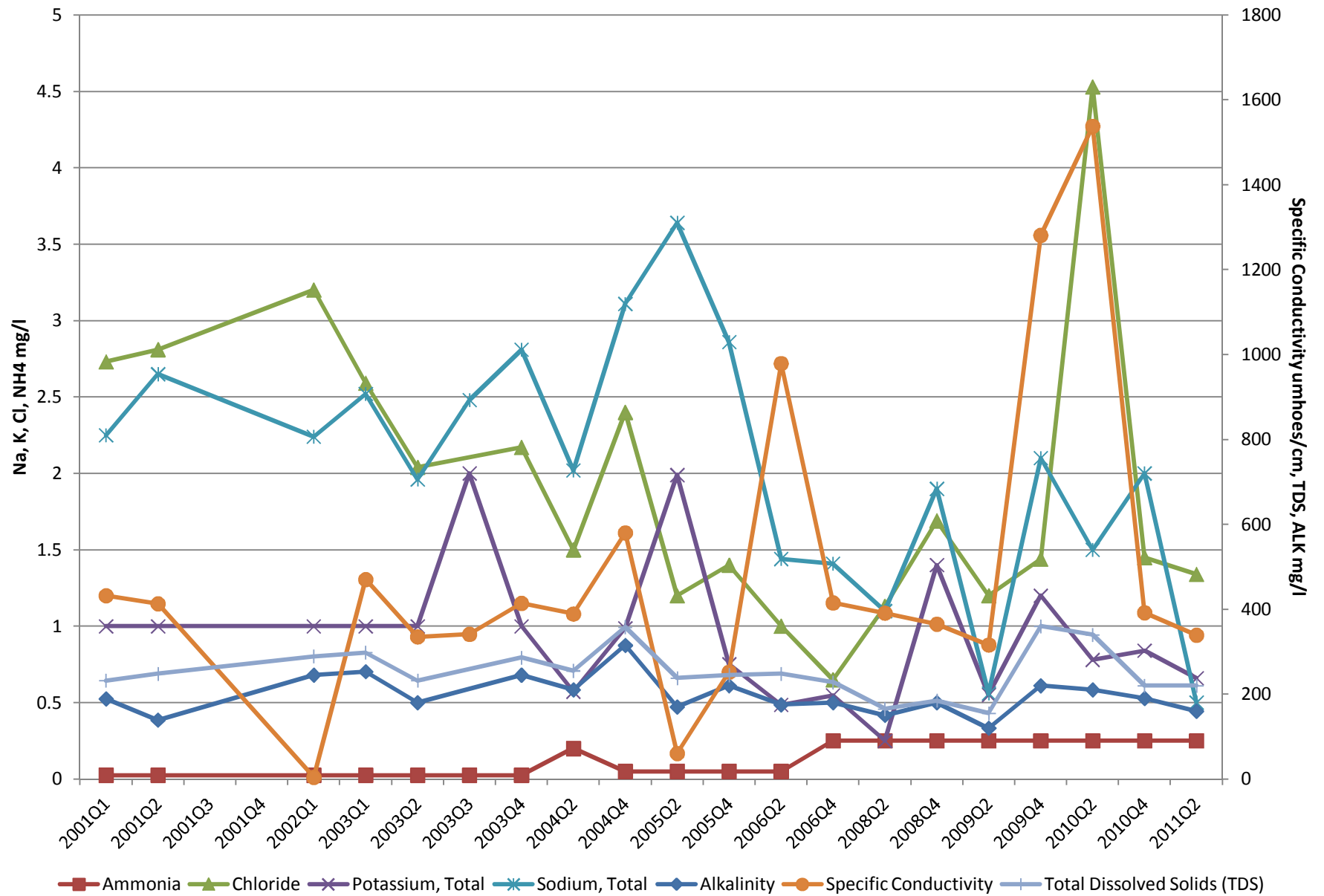
From: Sterns & Wheler, LLC :: Figure 2 Site Plan

 APPLIED TESTING & GEOSCIENCES, LLC	CLIENT: DINSBER RD. LANDFILL	TITLE: LANDFILL AREA MAP & SAMPLING POINT LOCATIONS		
	PROJECT: GROUNDWATER MONITORING REPORT	SCALE: N.T.S.	DATE: 2/2/2012	FIGURE 2

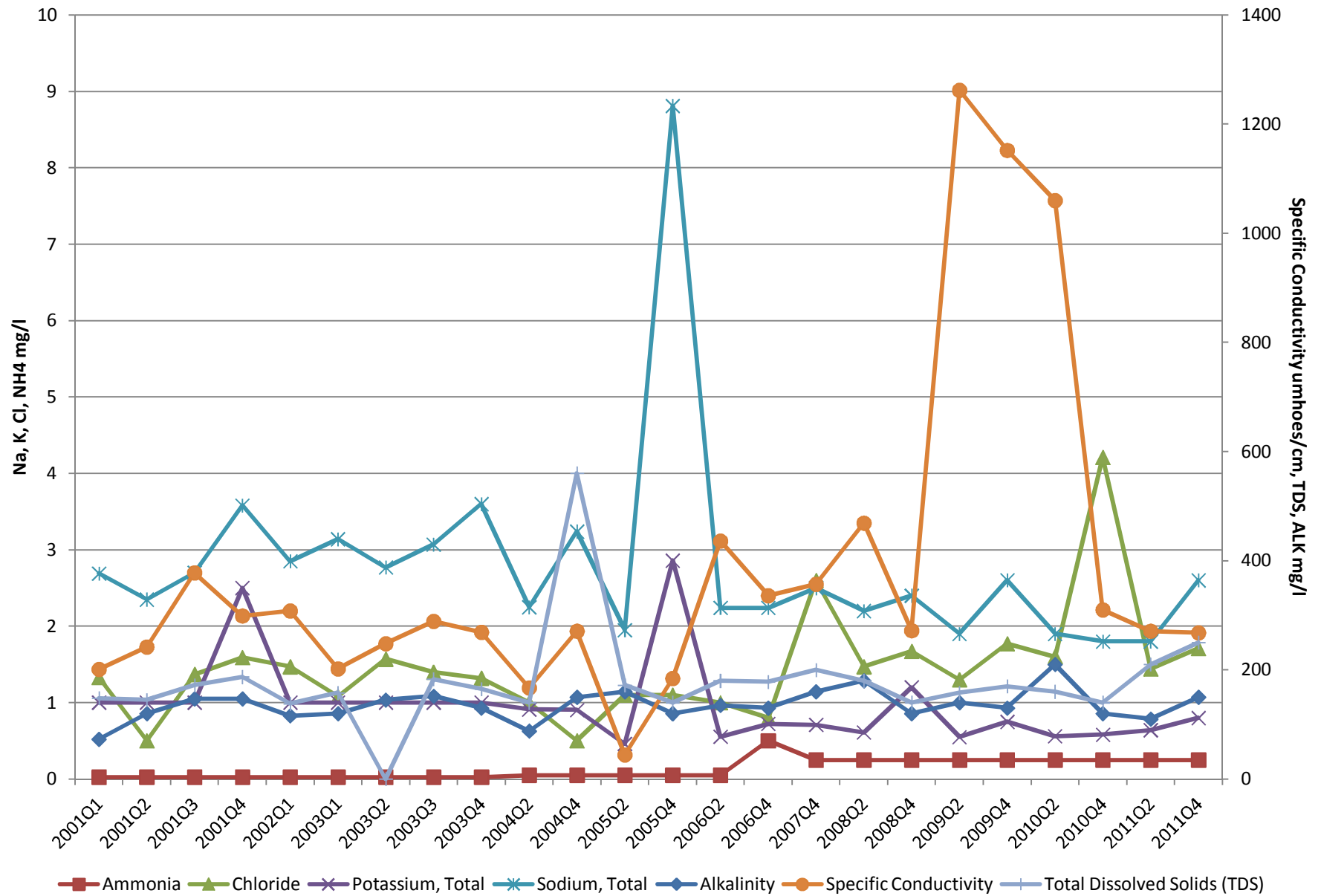
DINSBIER LANDFILL
Fourth Quarter of 2011

ATTACHMENT 2: TIME SERIES GRAPHS

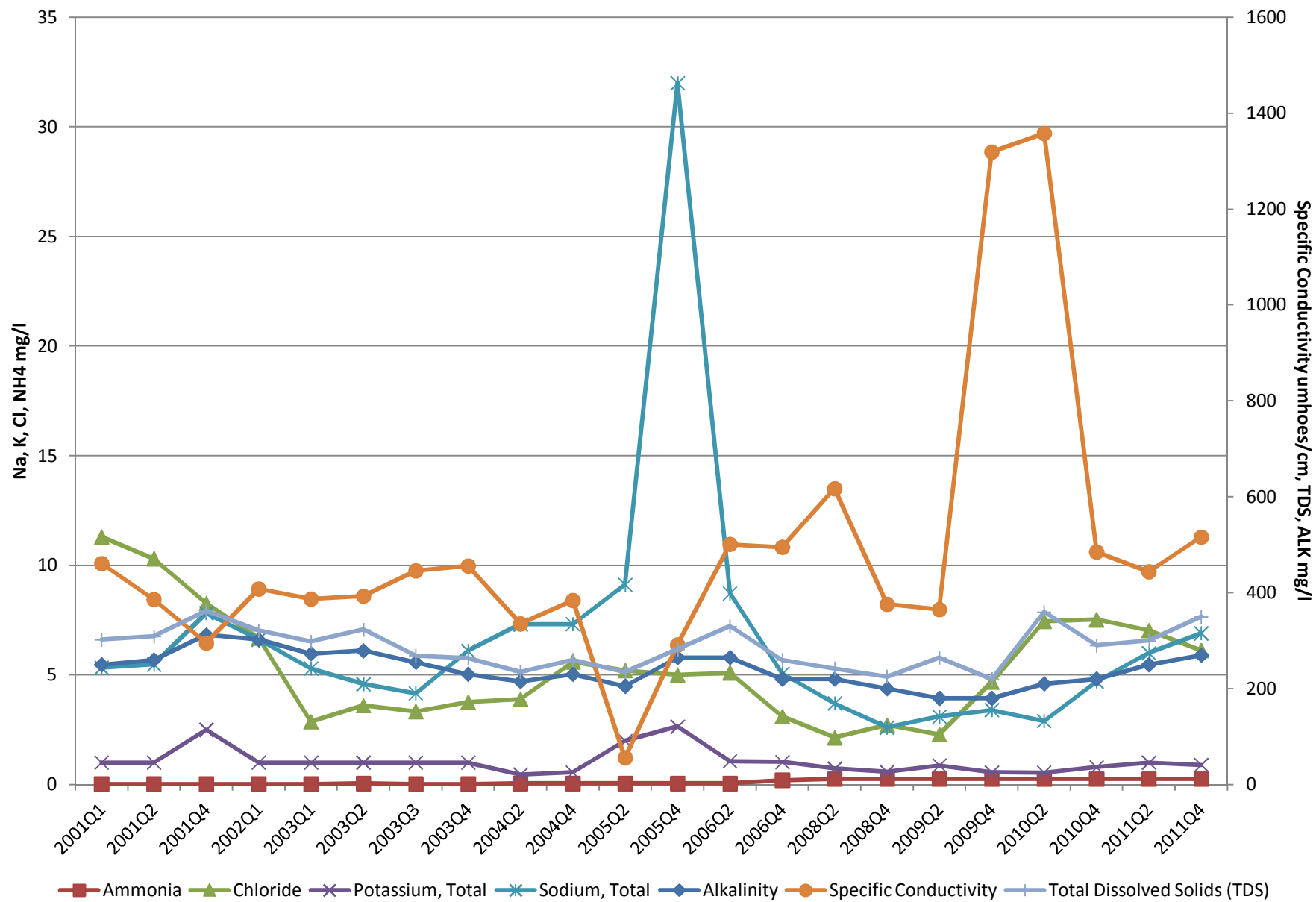
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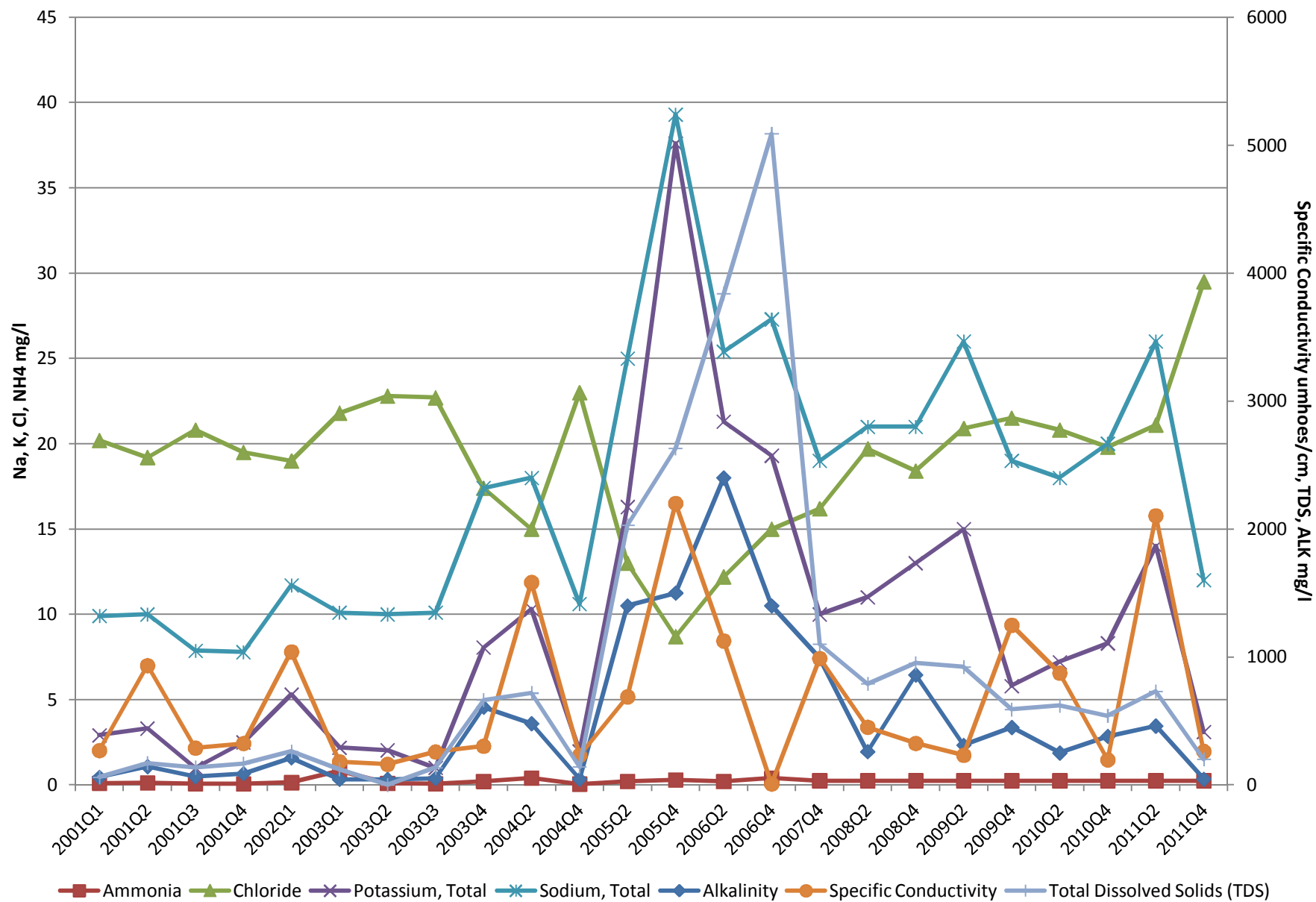
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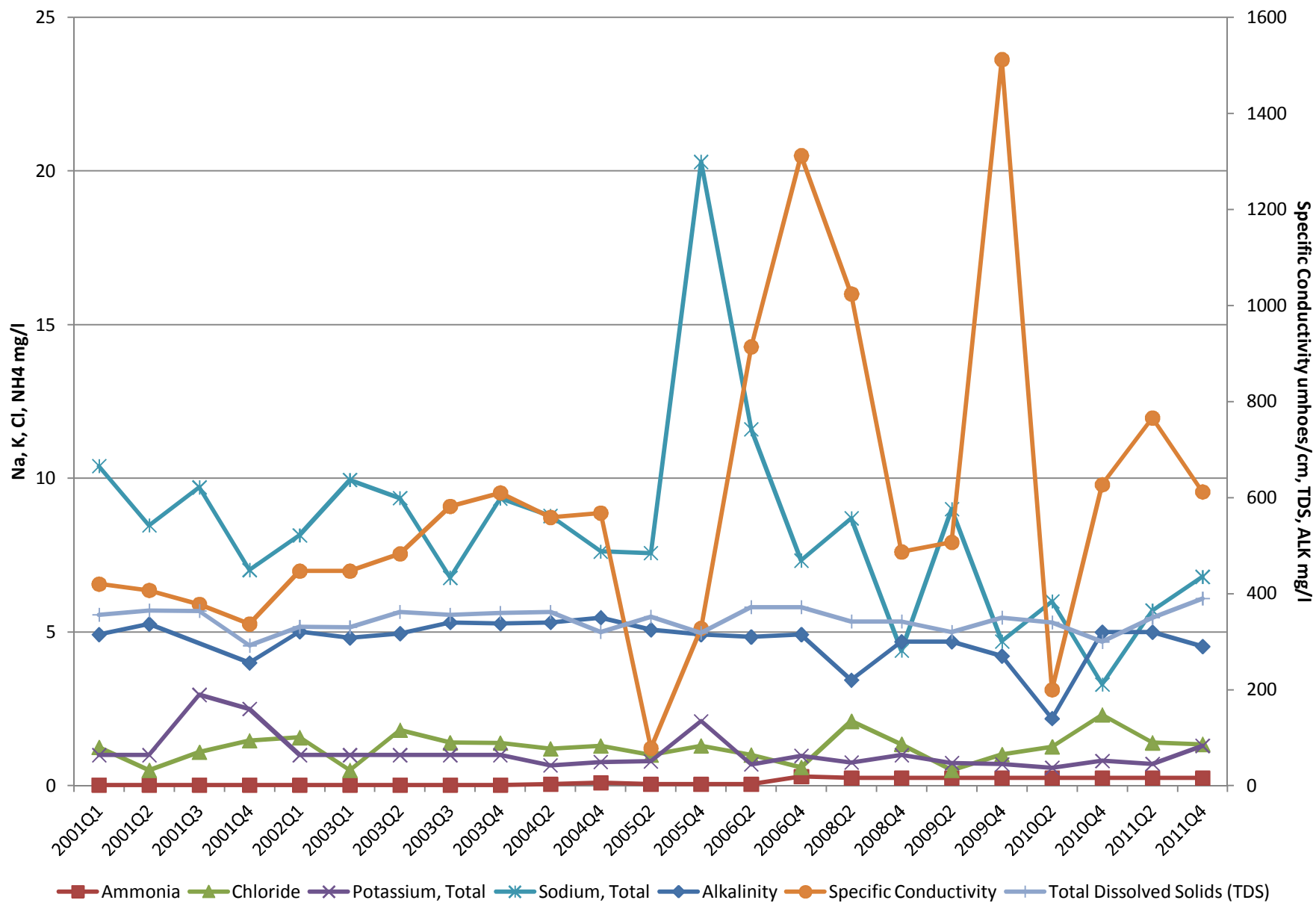
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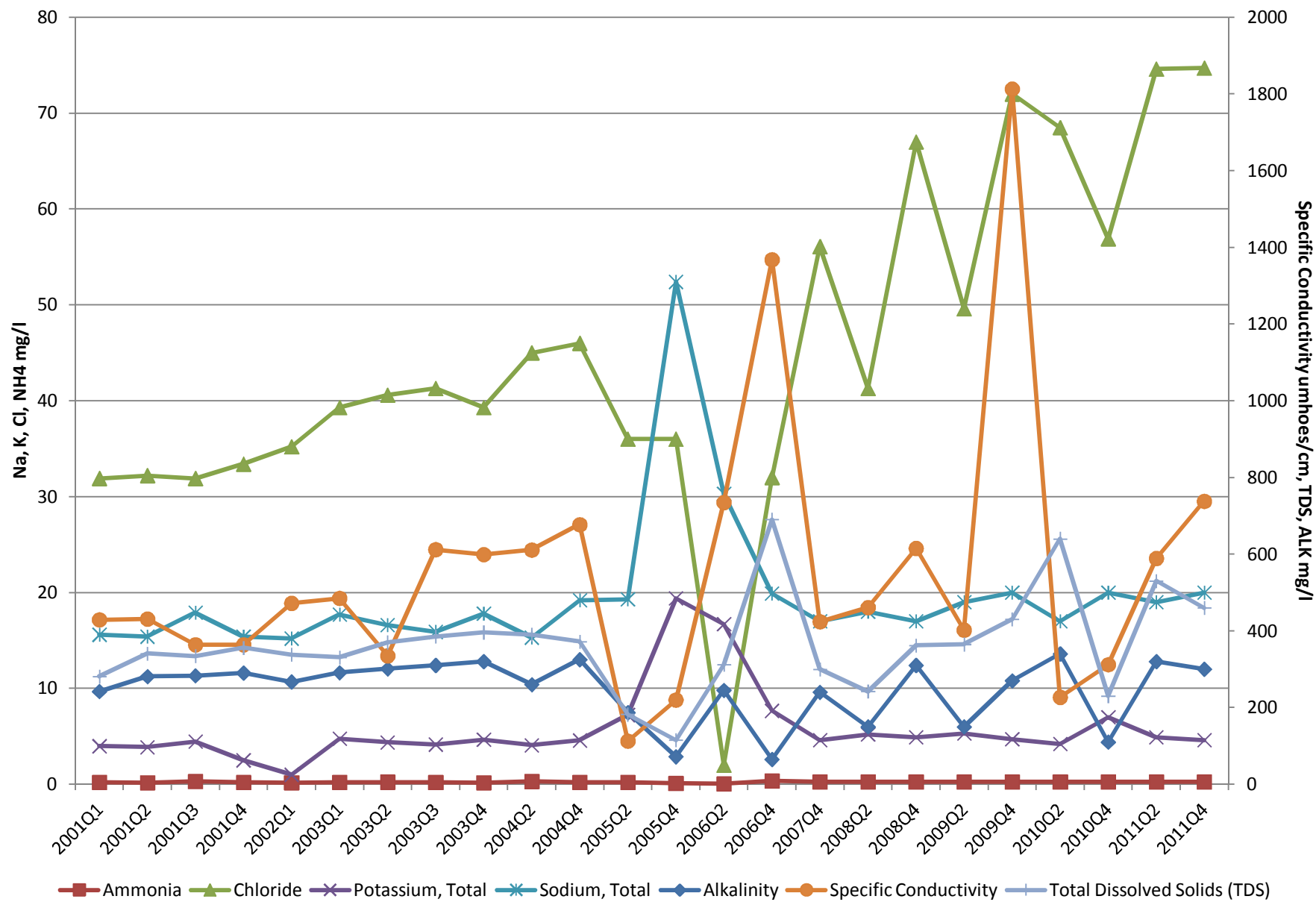
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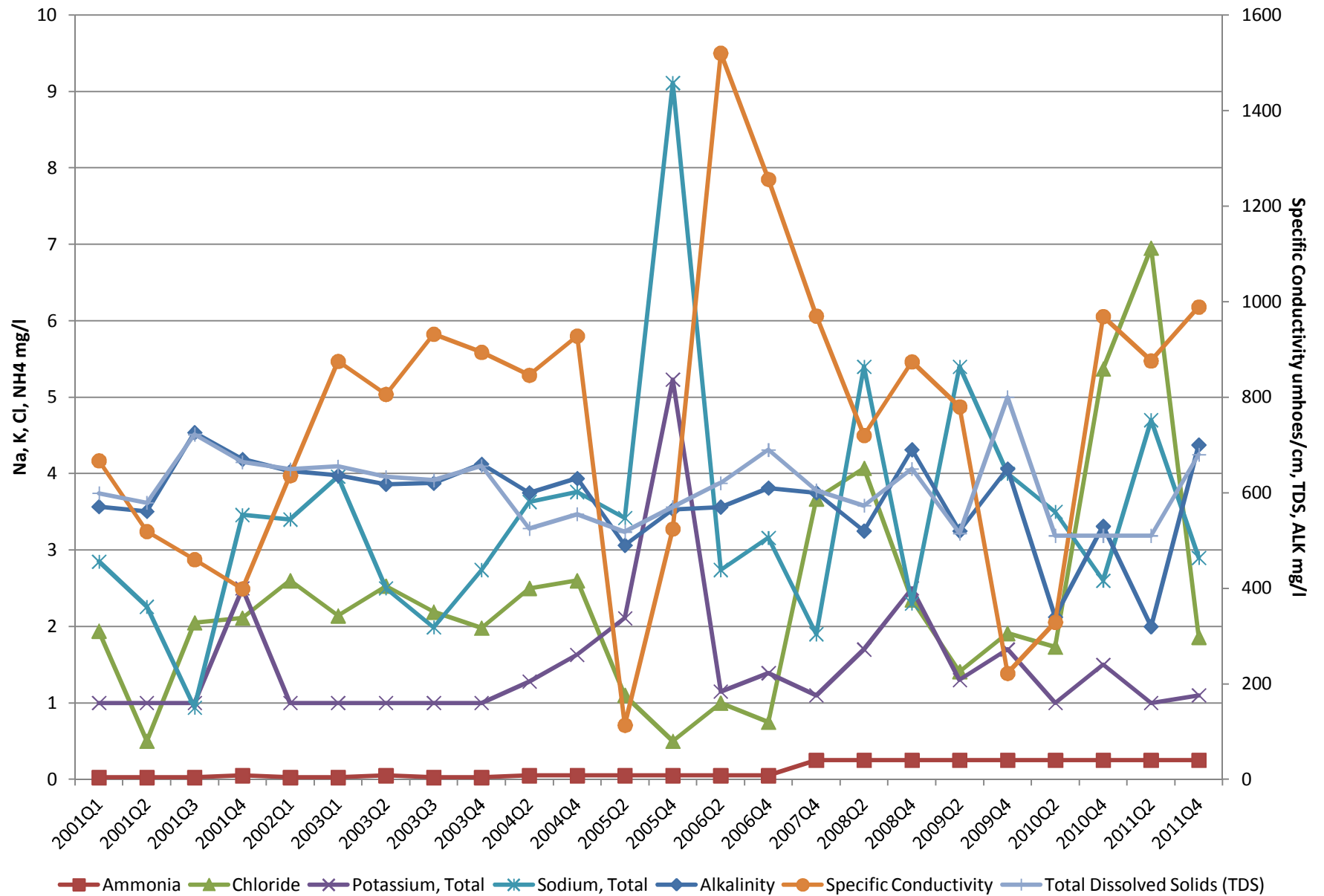
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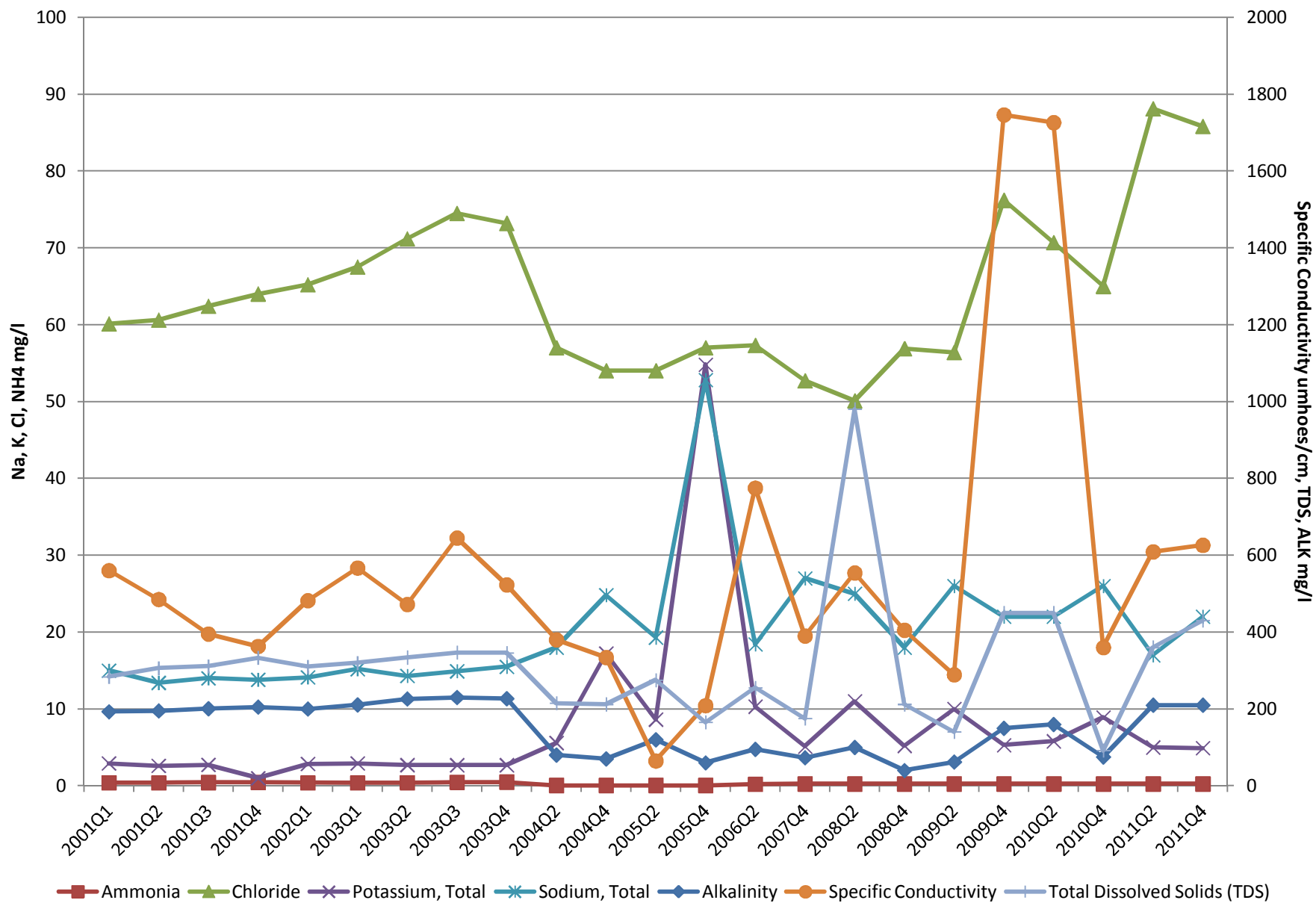
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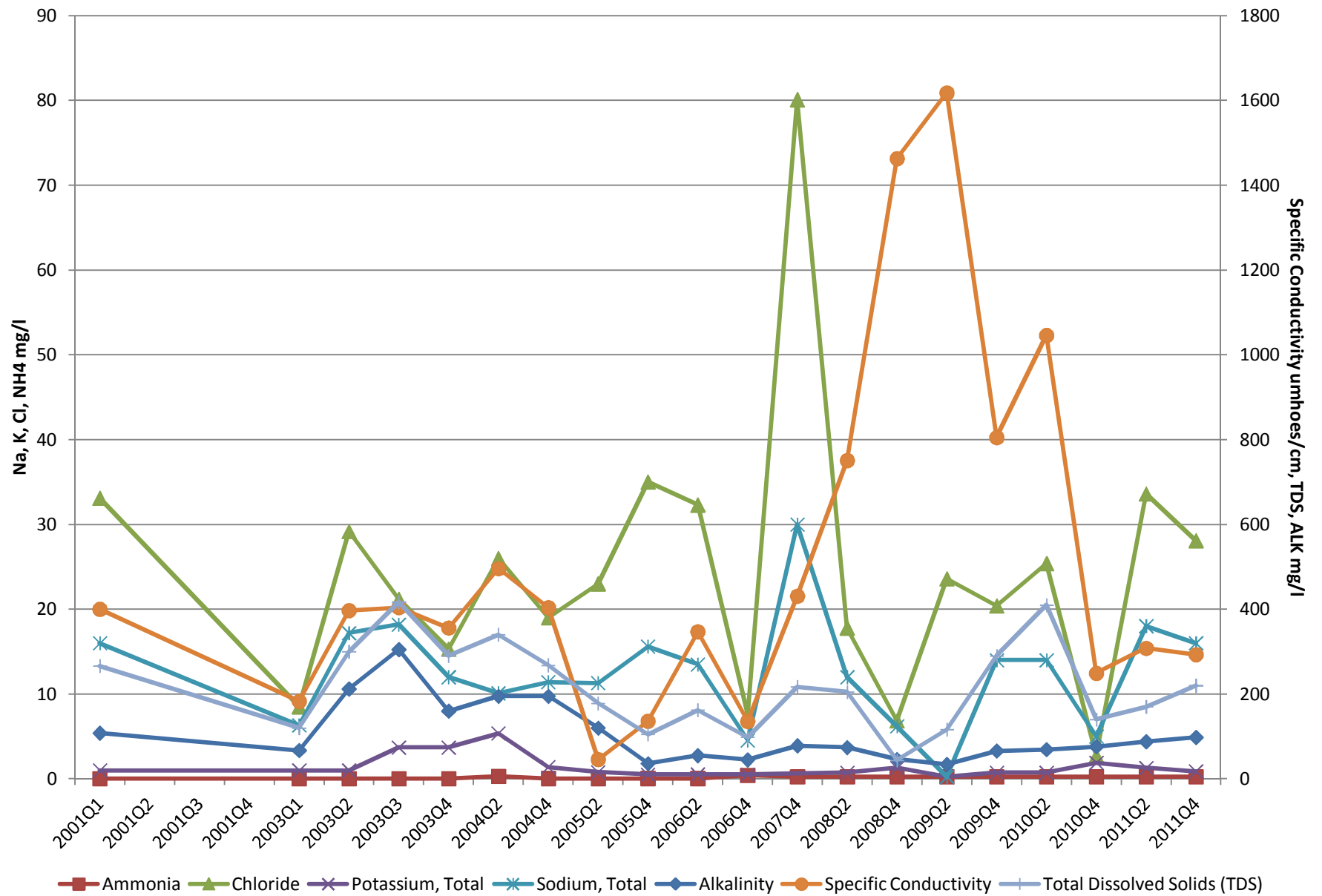
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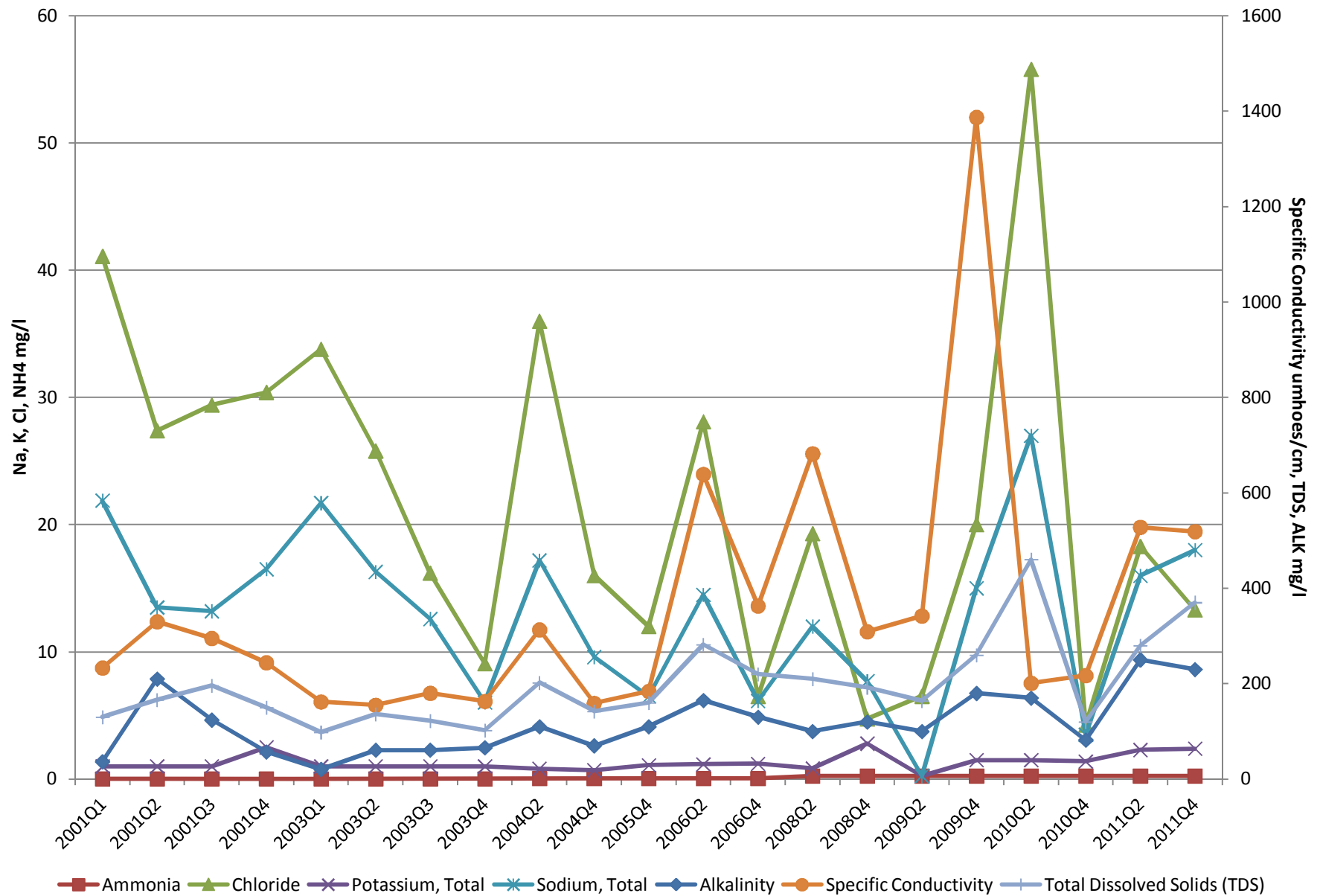
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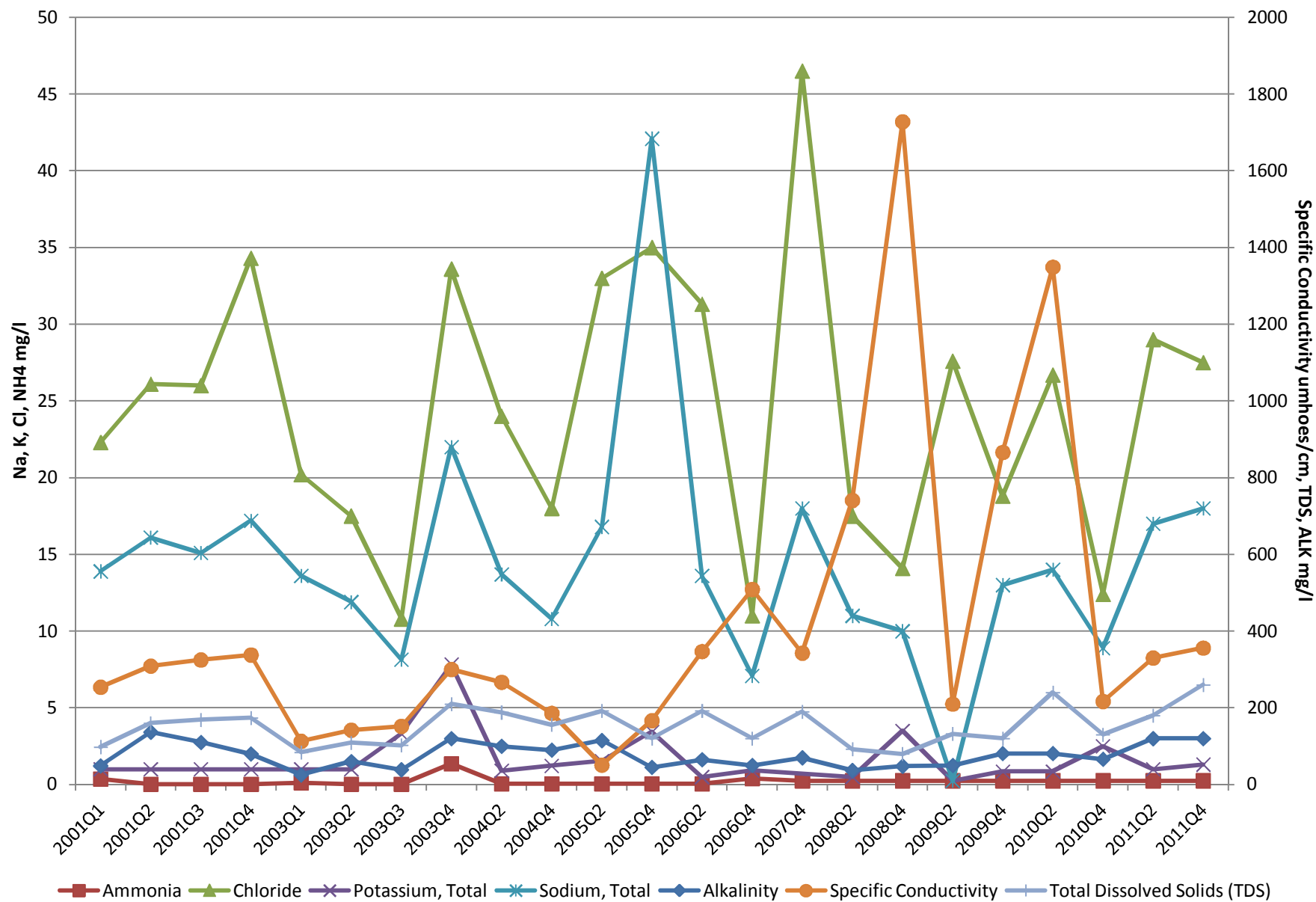
CLS-4



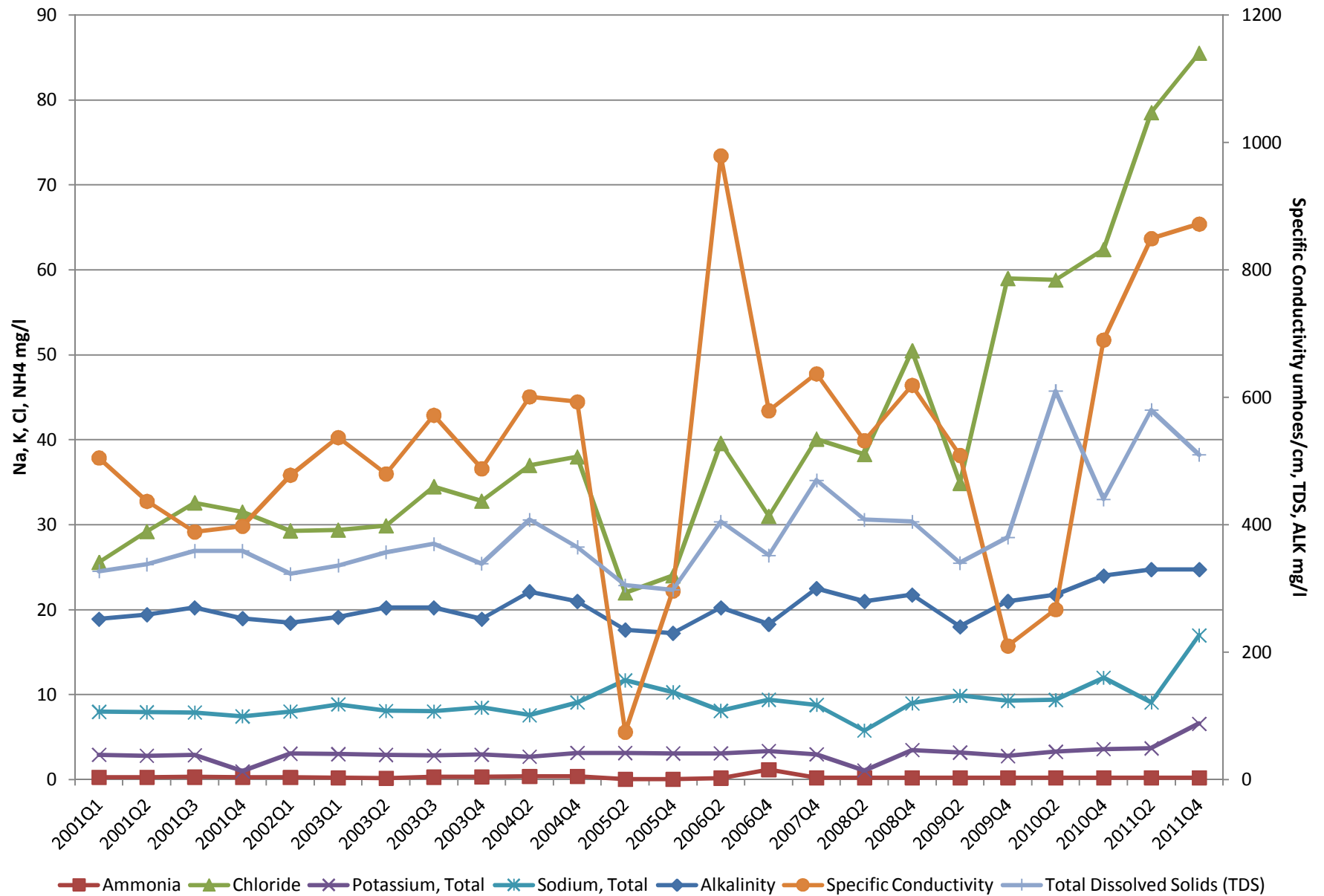
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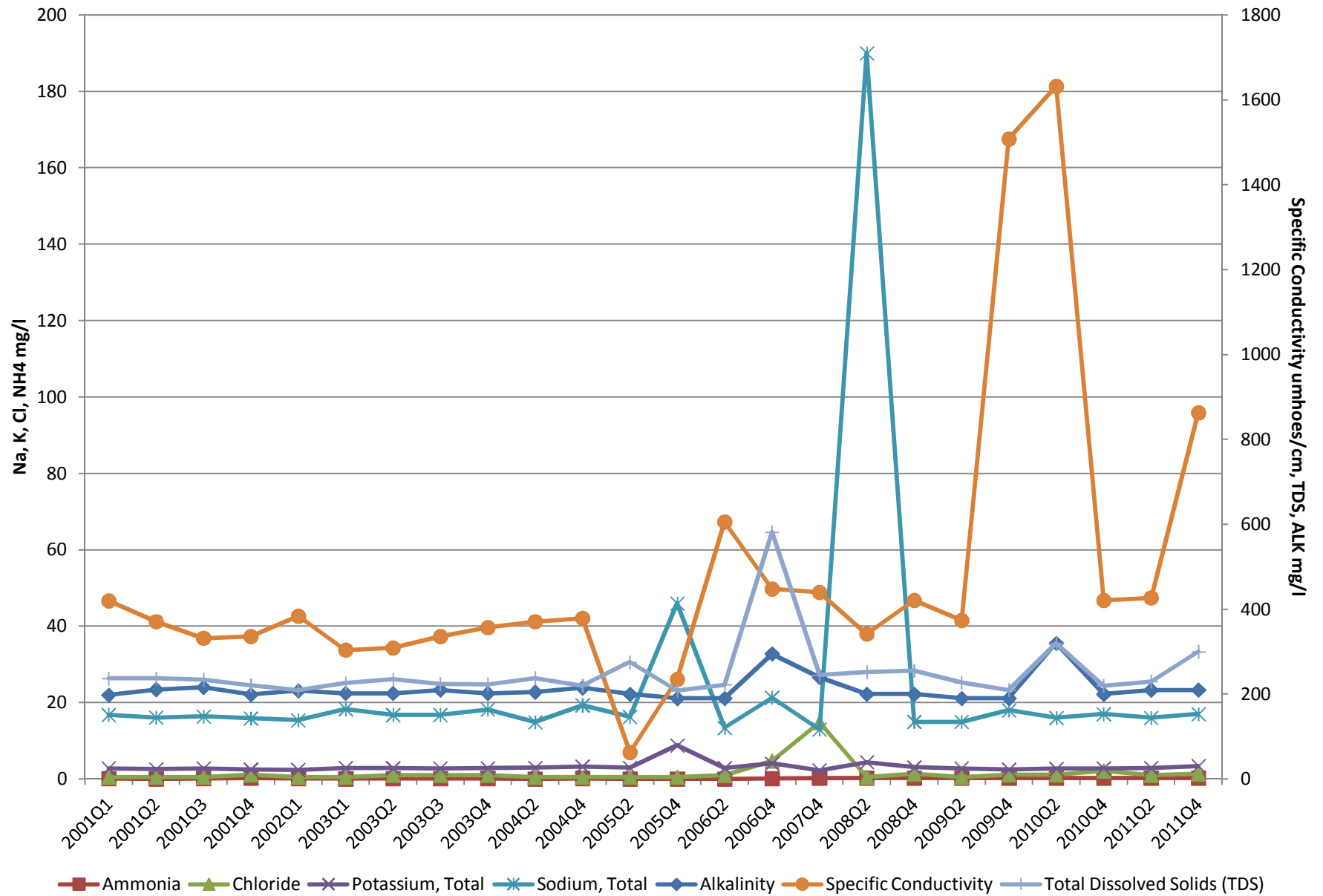
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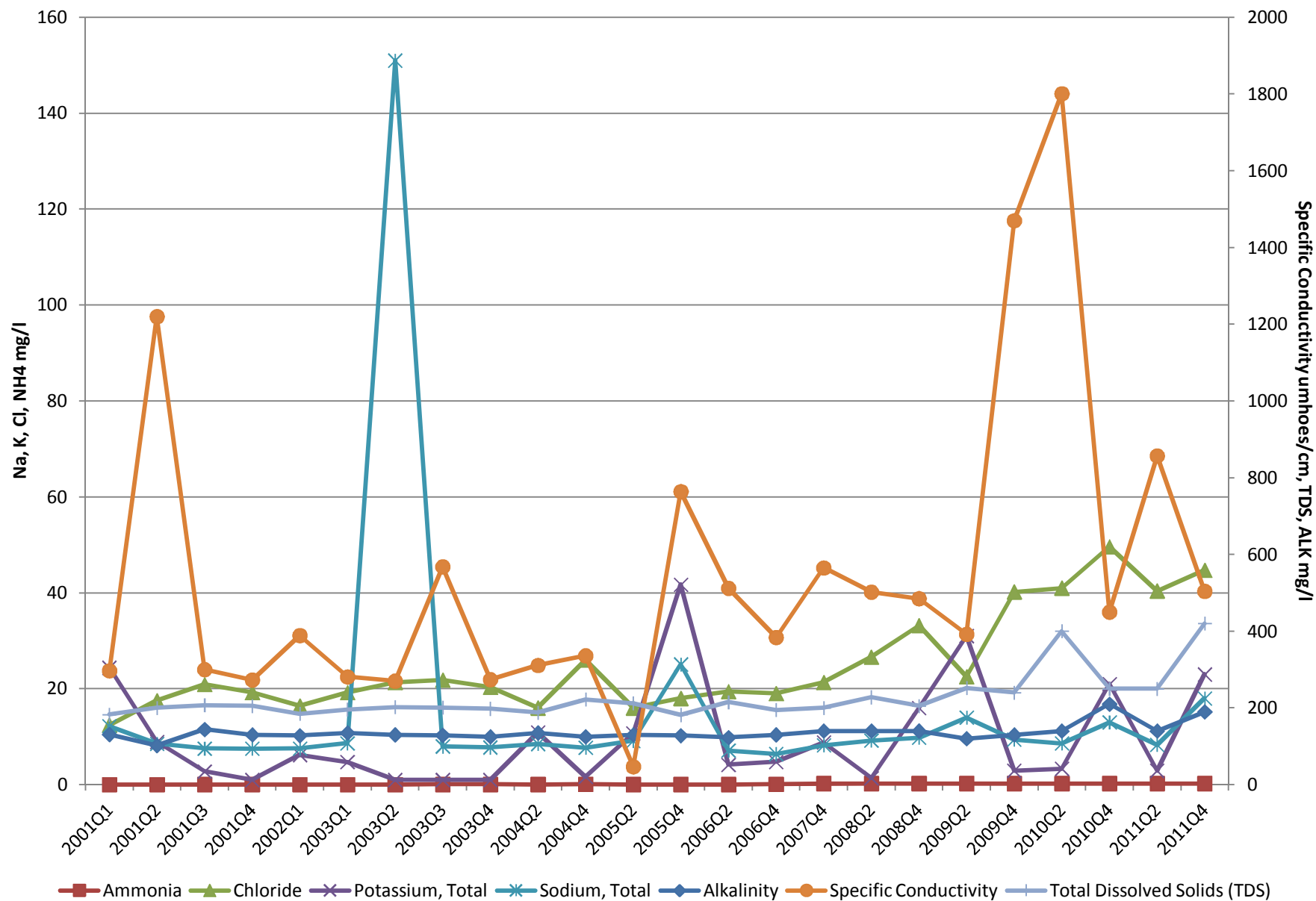
DRD-2



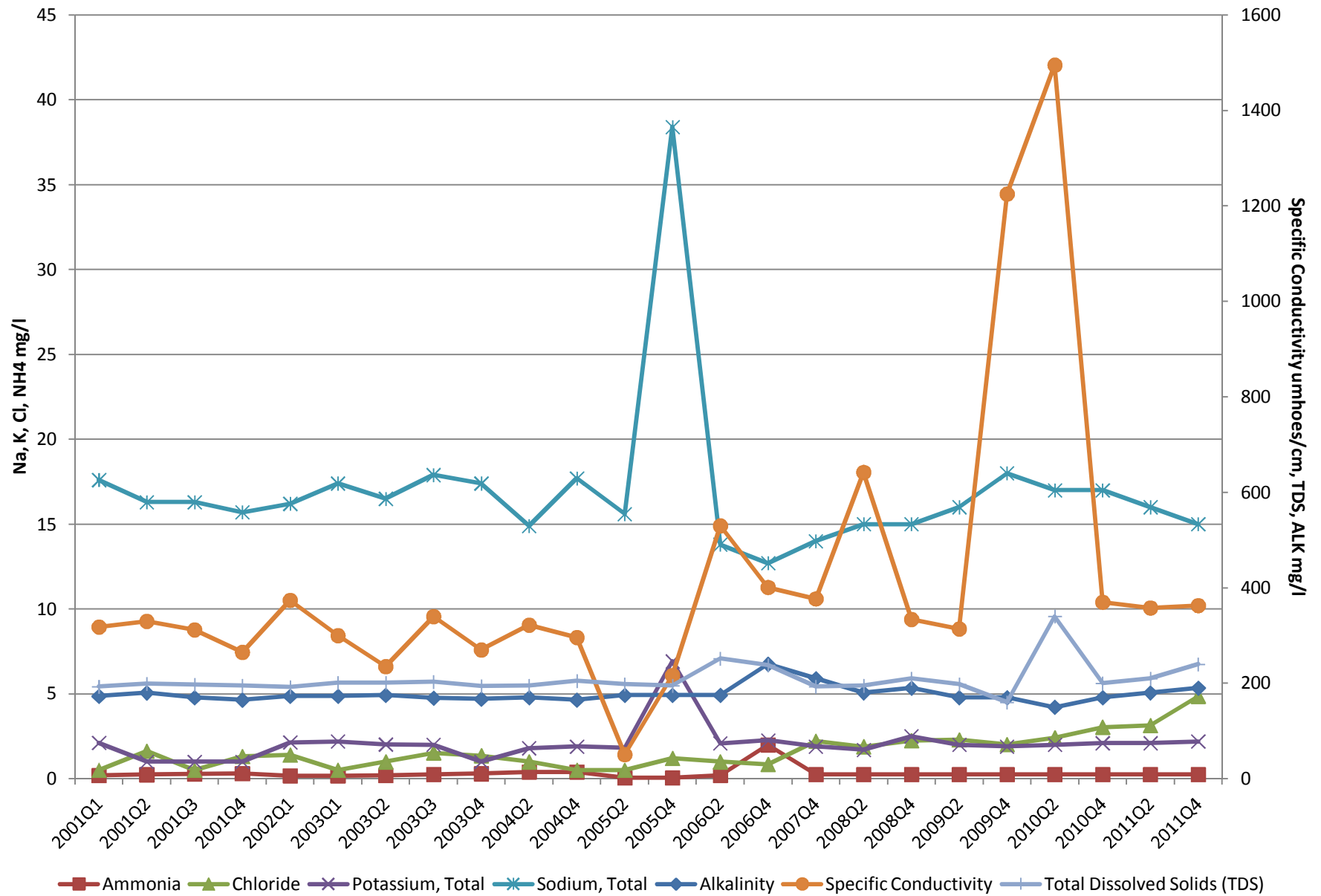
DRD-4



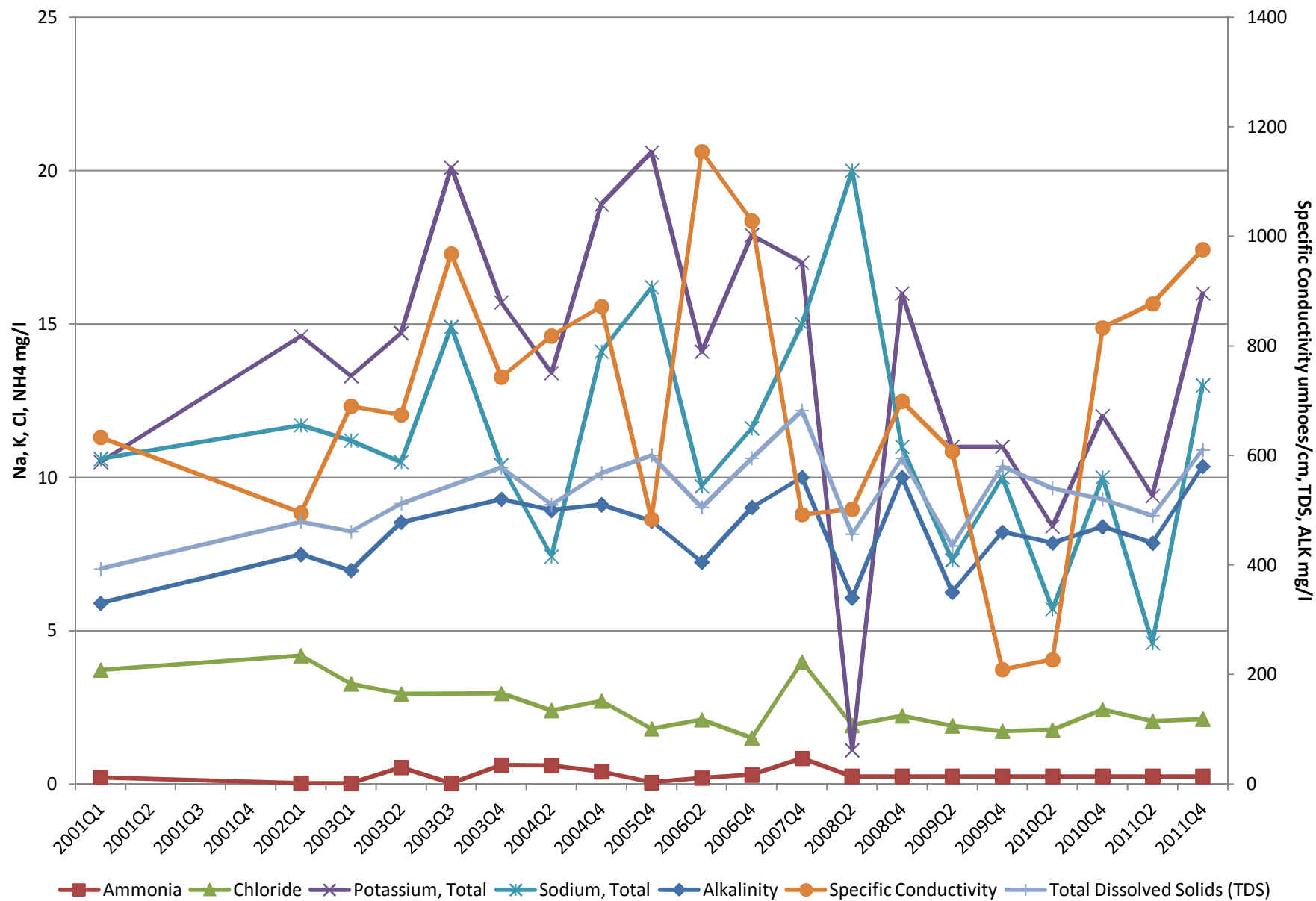
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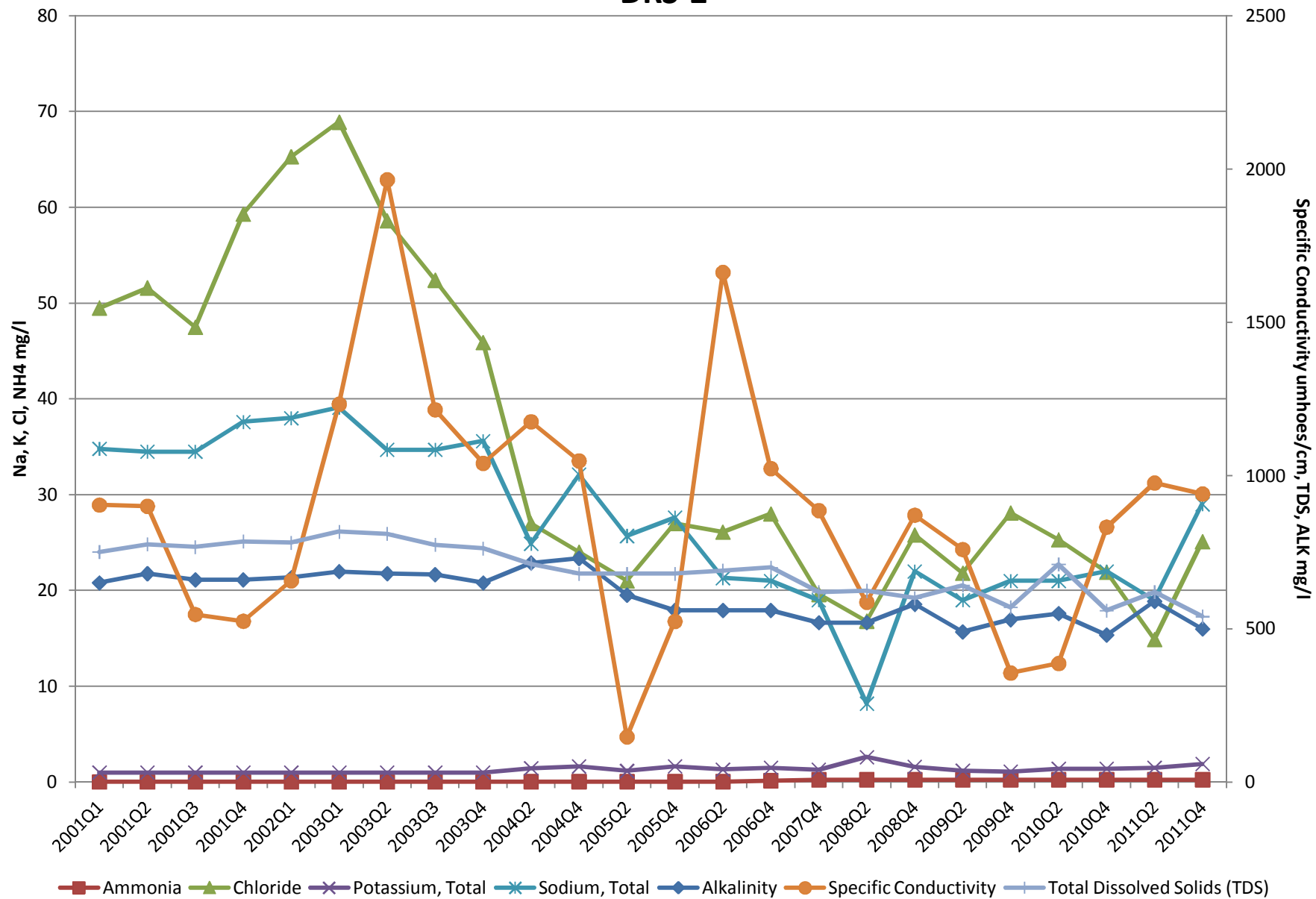
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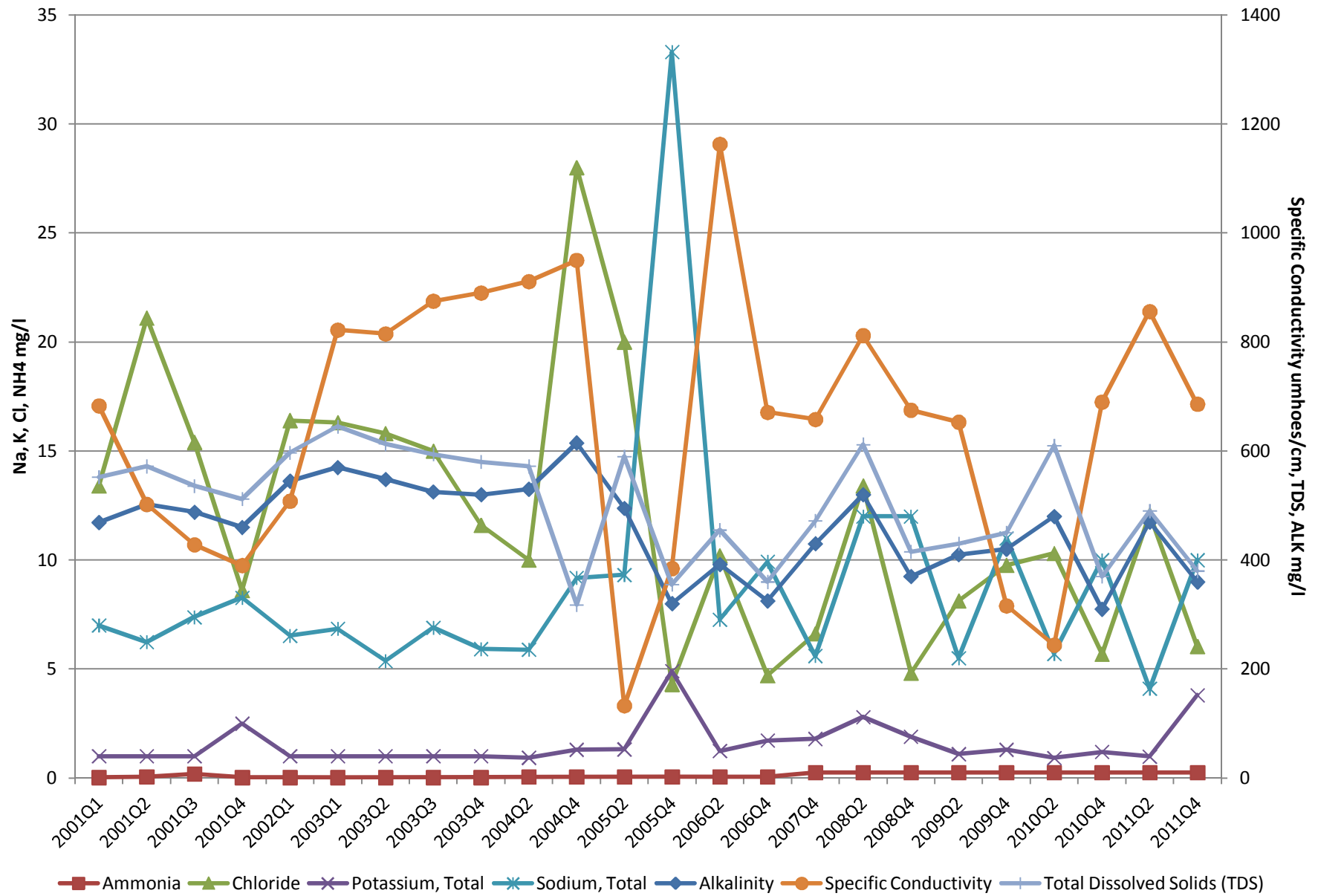
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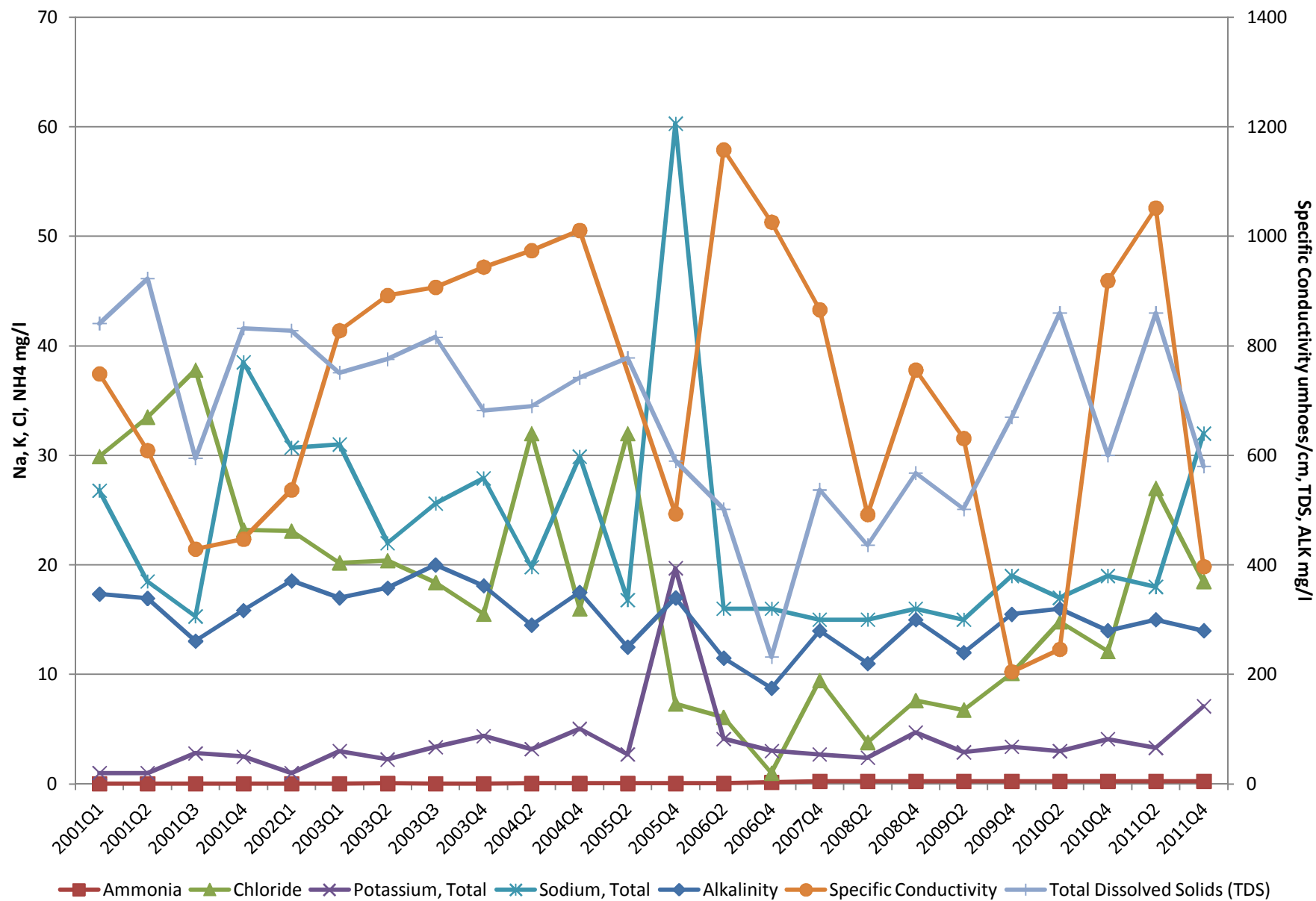
DRS-2



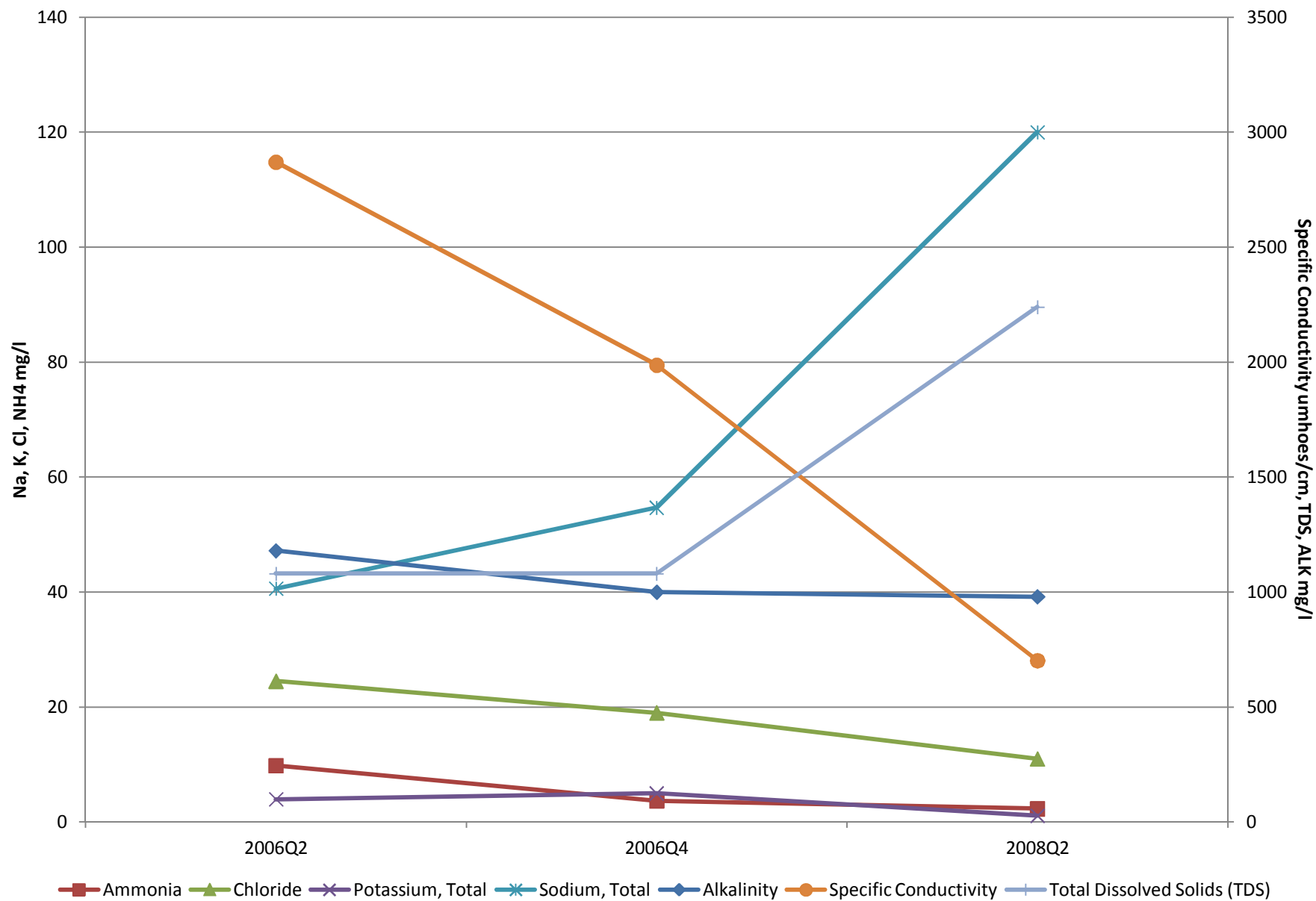
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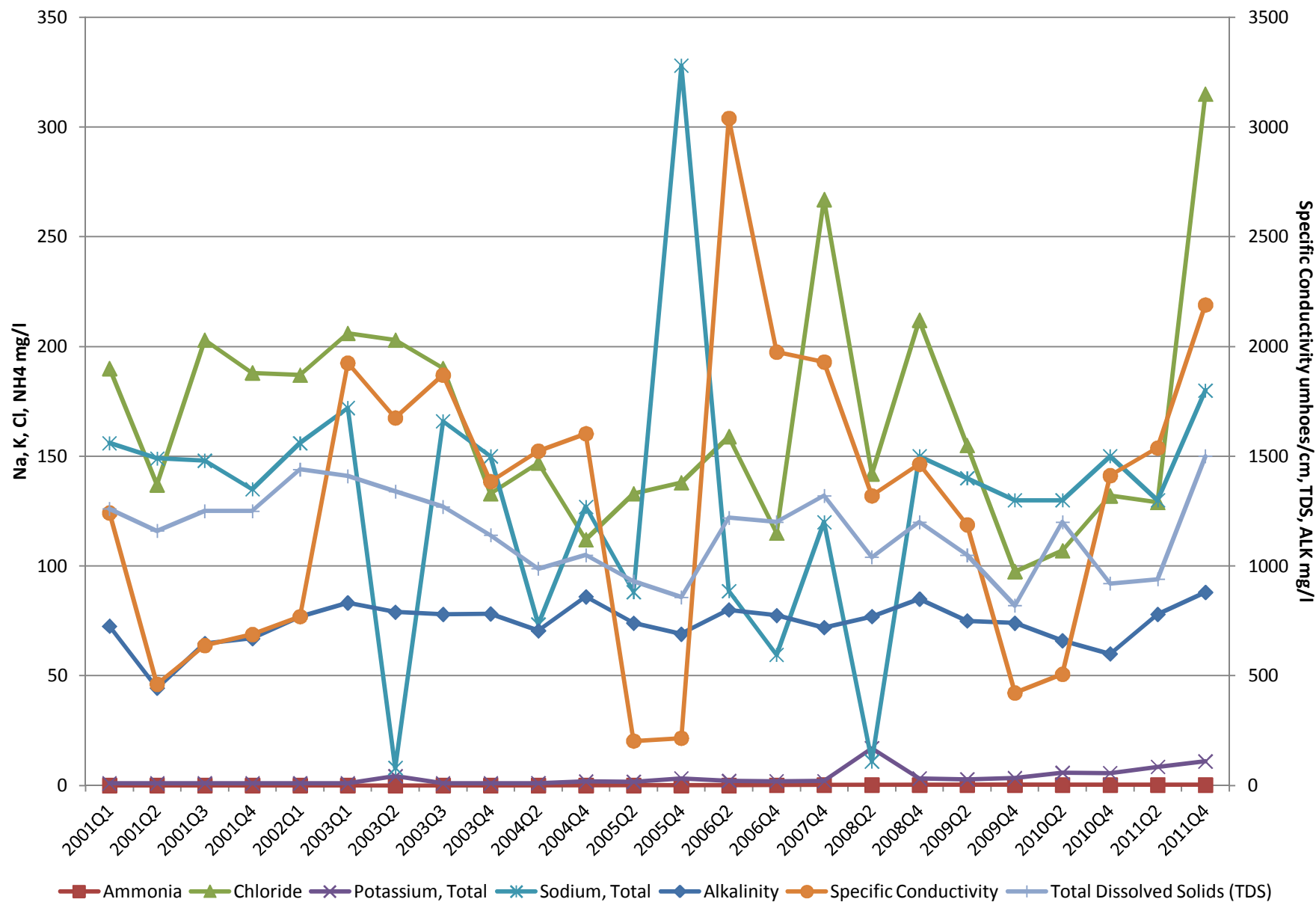
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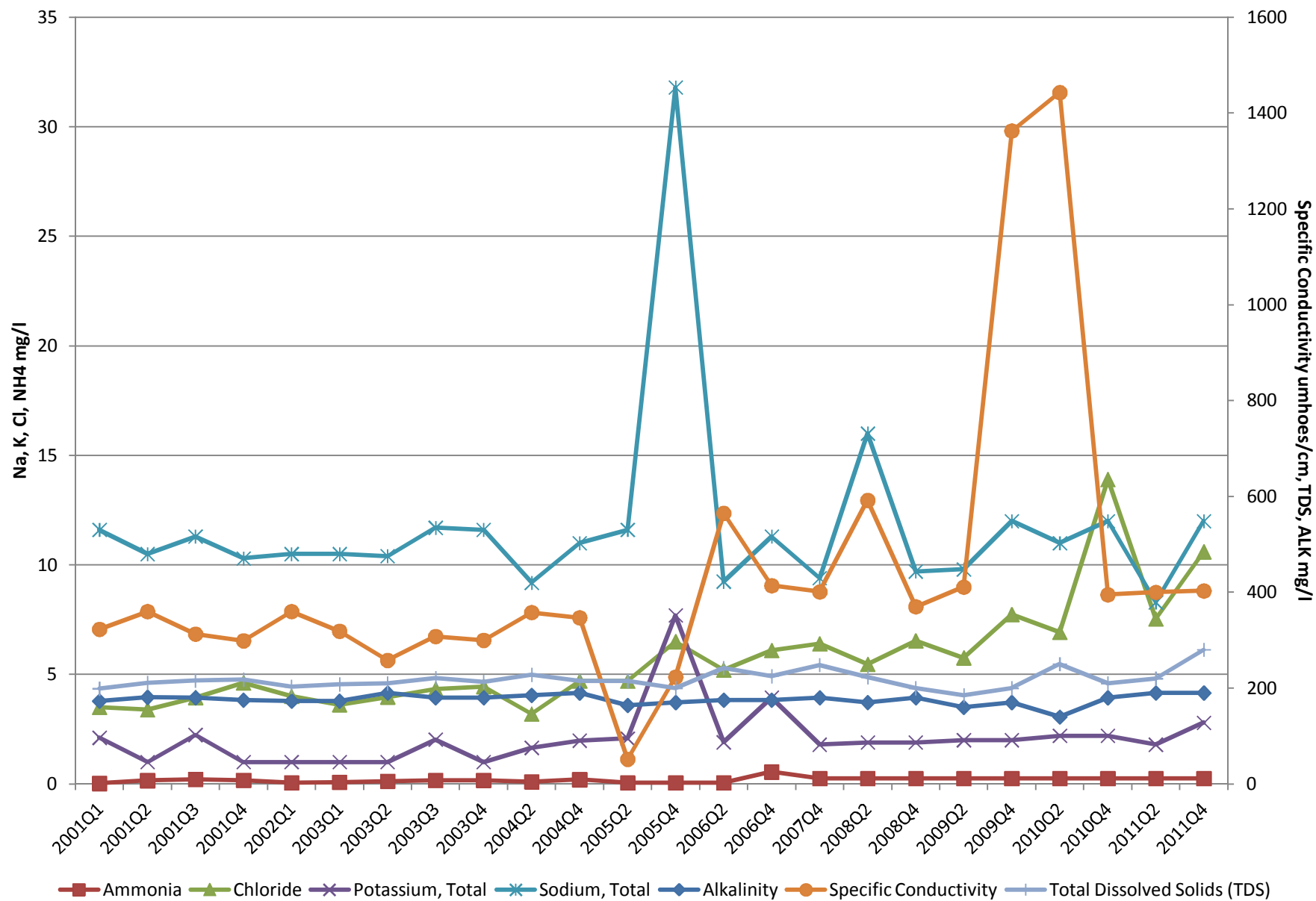
DRS-5



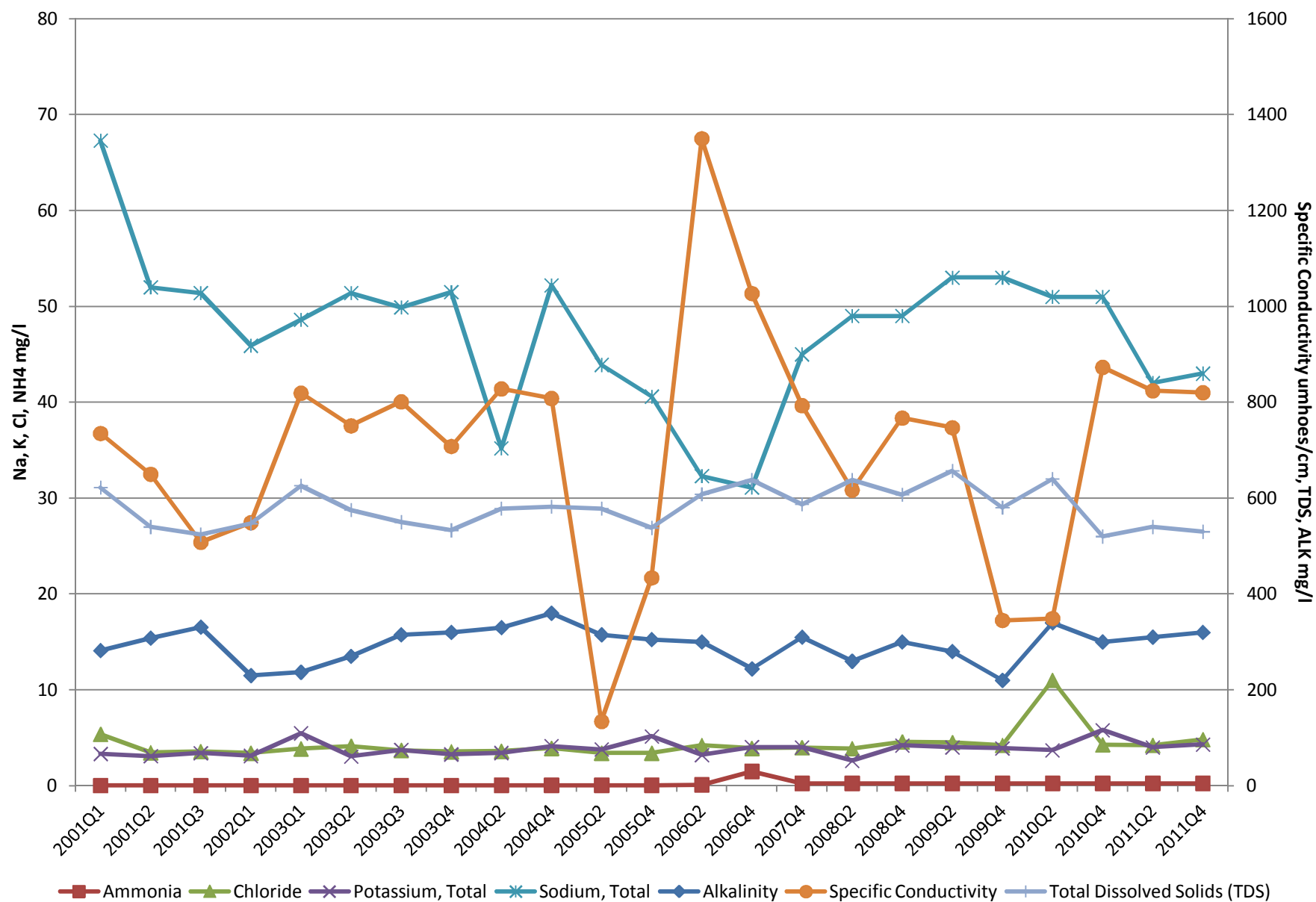
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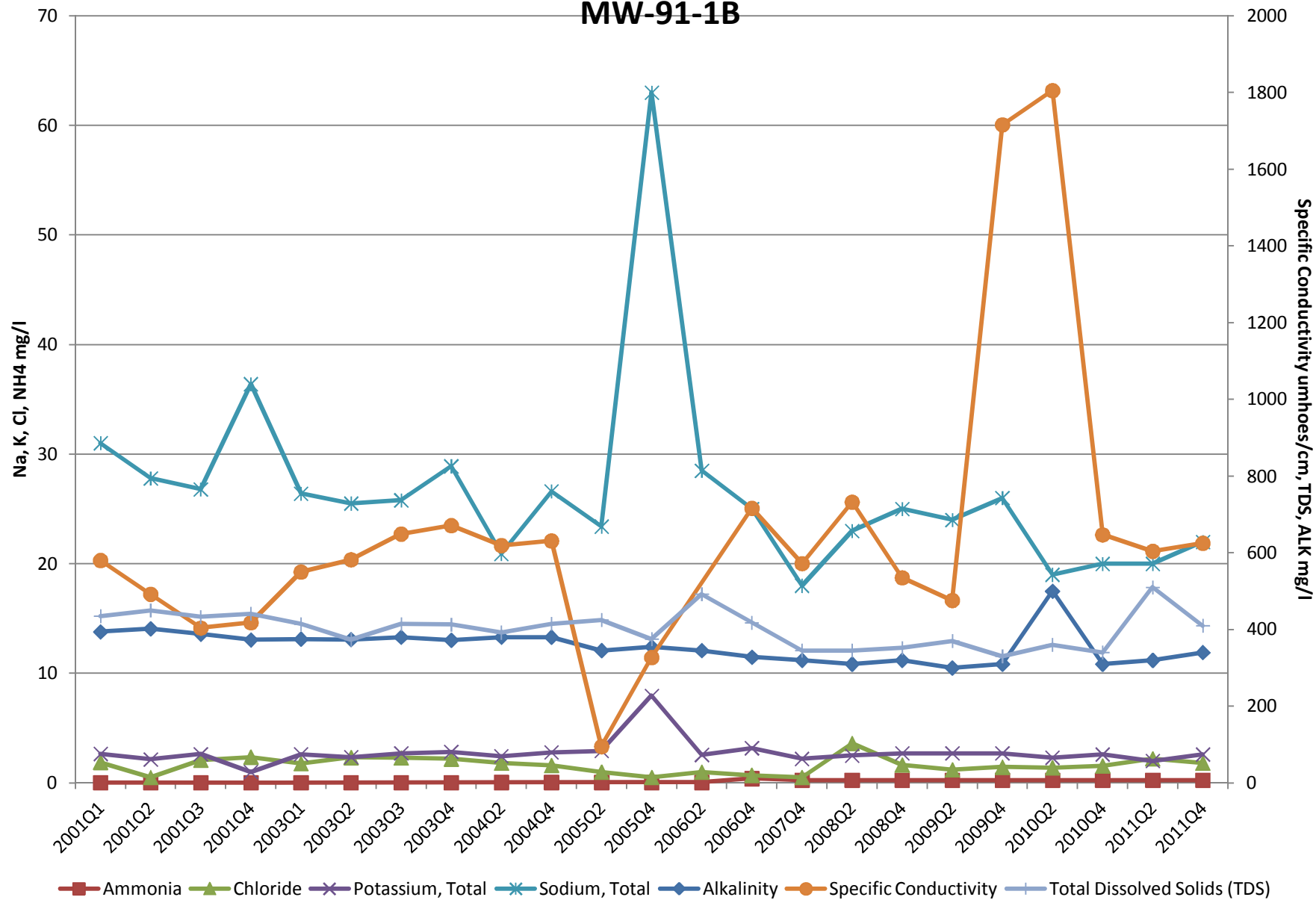
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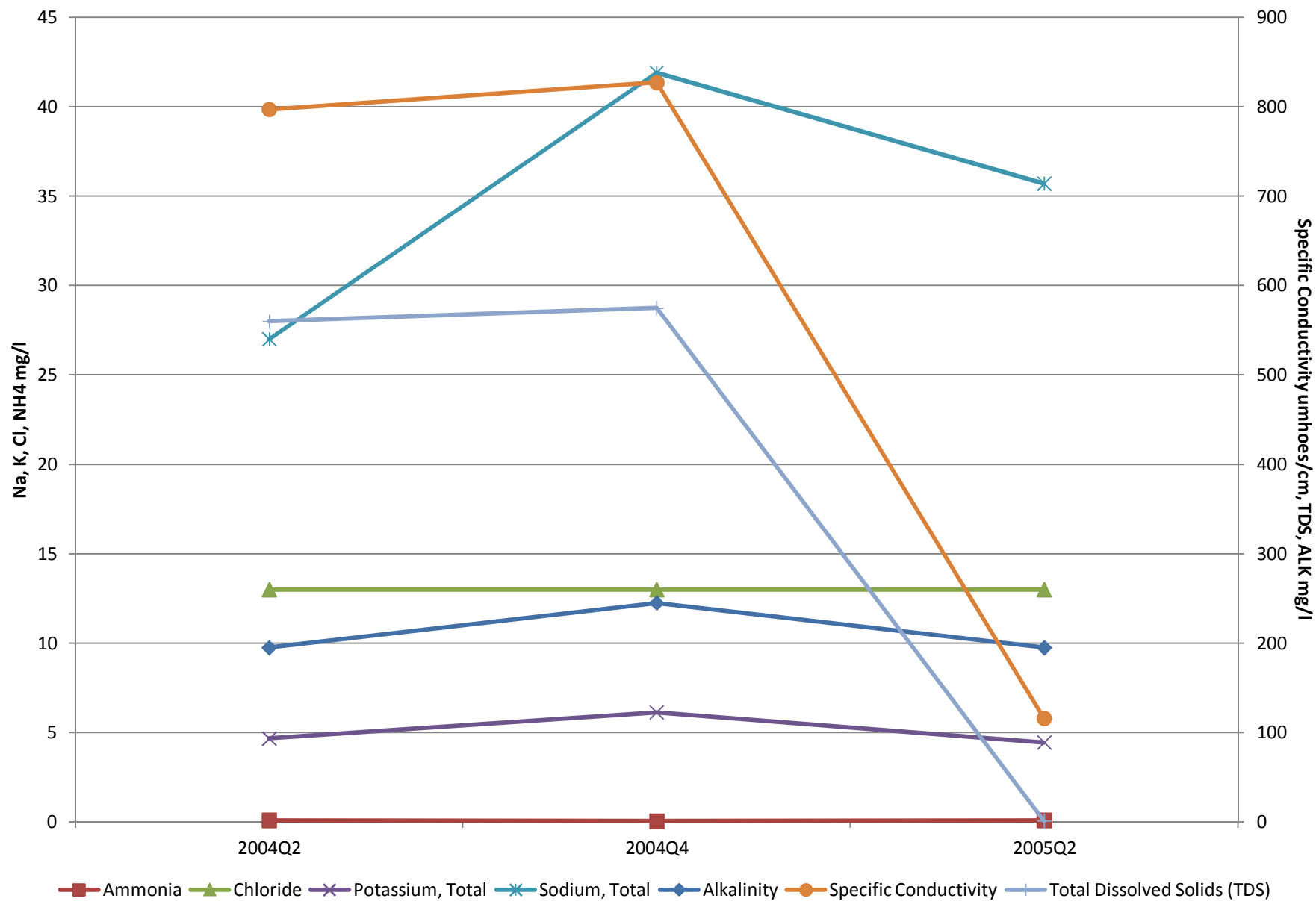
DRS-8



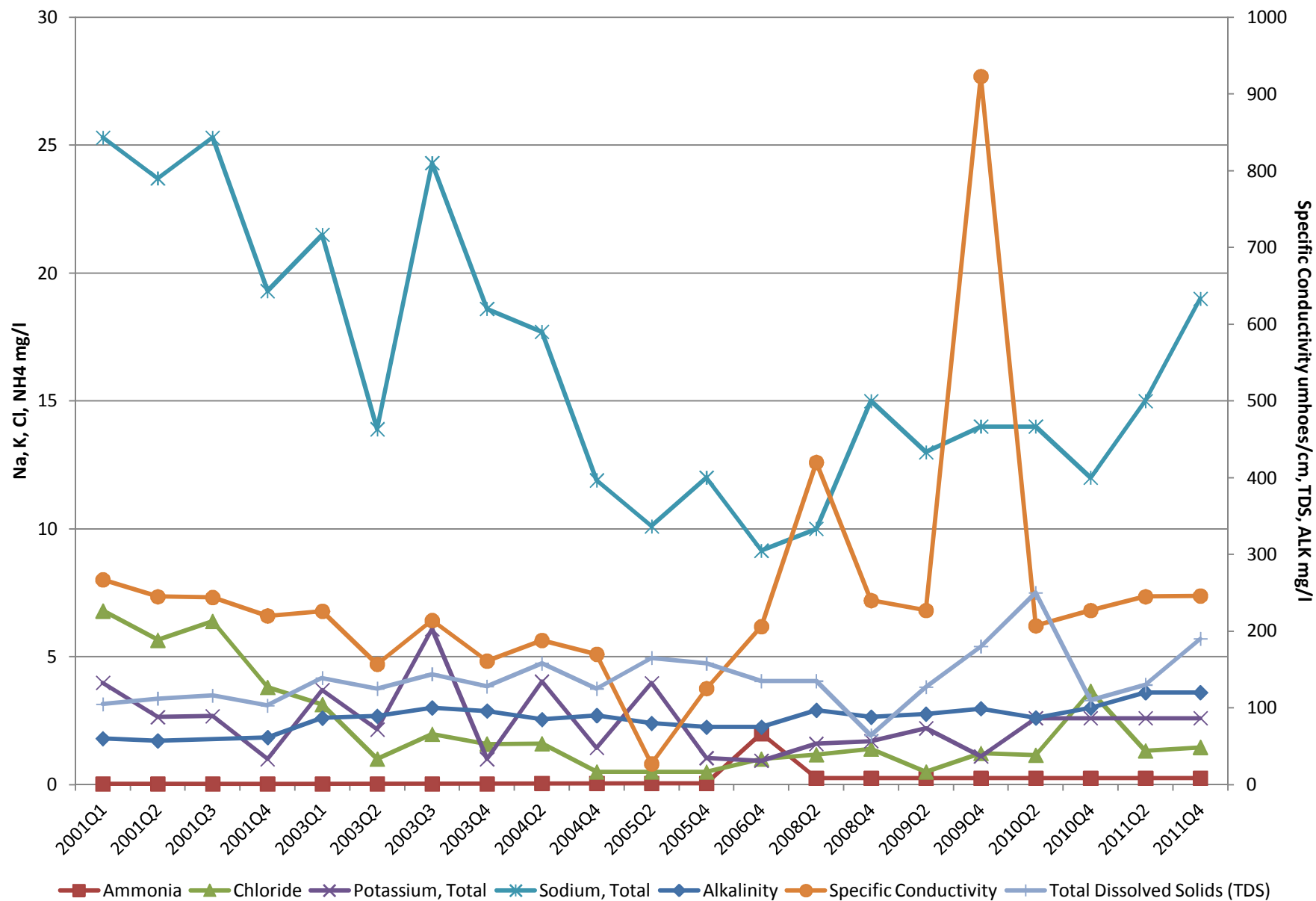
MW-91-1B



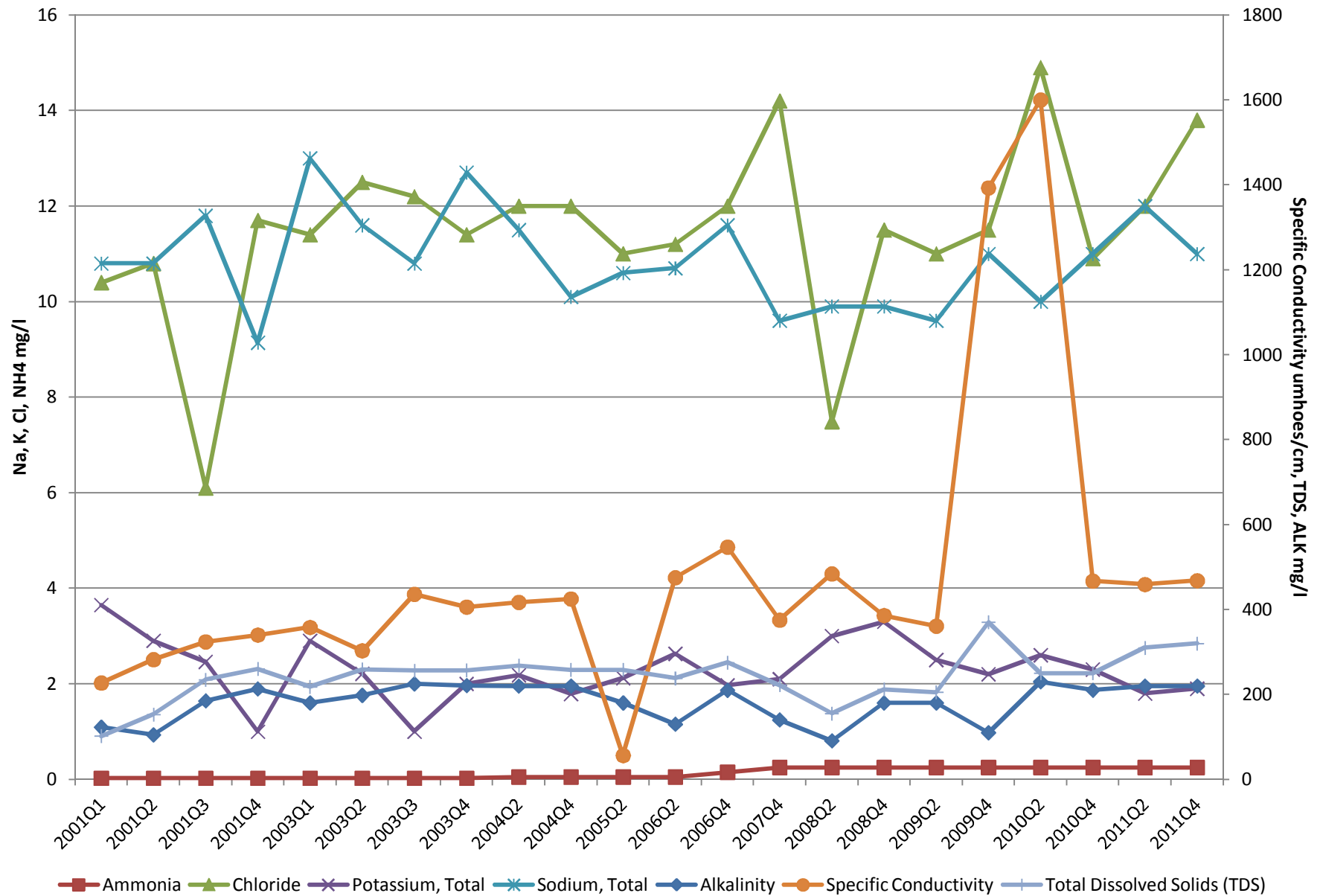
MW-91-2



MW-91-3



MW-92-1A



DINSBIER LANDFILL
Fourth Quarter of 2011

ATTACHMENT 3: LABORATORY RECORDS

Dinsbier Landfill
4th Quarter 2011 Sampling Event

Laboratory Reports
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Laboratory Reports

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2011Q4

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	DRS2	002	U1110315-II	Site List
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	DRS3	004	U1110315-II	Site List
	DRS4	005	U1110315-II	Site List
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	DRD7	010	U1110315-II	Site List
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	DRS6	007	U1110315-II	Site List
	DRS7	009	U1110315-II	Site List
	DRS8	011	U1110315-II	Site List
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	CLG914	012	U1110315-II	Site List
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	MW932	Not Sampled	Not Sampled	DRY
SURFACE WATER	CLS4	001	U1110316-II	Site List
	CLS5	002	U1110316-II	Site List
	CLS6	003	U1110316-II	Site List

Laboratory Report
SDG U1110315-II

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209

Mailing: Box 169 * Syracuse, NY 13206

Albany (518) 459-3134 * Binghamton (607) 239-4413 * Buffalo (716) 972-0371

Rochester (866) 437-0255 * New Jersey (908) 581-4285

Mr. Jack Heely
Applied Testing and Geosciences, LLC
401 E. Fourth St., Bldg. 12-B
Bridgeport, PA 19405

November 21, 2011

RE: Analytical Report:
Dinsbier Landfill

Order No.: U1110315

Dear Mr. Heely:

Upstate Laboratories, Inc. received 22 samples on 10/13/11 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

Samples were analyzed in accordance with the site-specific SAP and Laboratory Plan.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,
UPSTATE LABORATORIES, INC.


Anthony J. Scala
President/CEO

Enclosures (on DISK): cover letter, Case Narrative, Equipment Calibration Summary, field data, Level II QC, report, Analytical QC Summary Report, COC Record, EDD

cc:

K. Stock, Chautauqua County: copy cover letter, DISK

Confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

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Mailing: Box 169 * Syracuse, NY 13206

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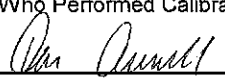
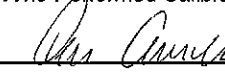
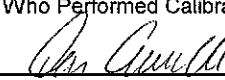
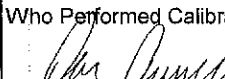
Rochester (866) 437-0255 * New Jersey (908) 581-4285

CASE NARRATIVE

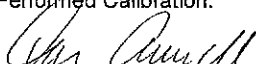
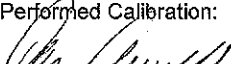
SDG - NA

<u>LOCATION</u>	<u>LAB ID</u>	<u>TYPE OF ANALYSIS</u>
DRS1	U1110315-001	Full Dinsbier List (modified Routine)
DRS2	U1110315-002	Full Dinsbier List (modified Routine)
DRD2	U1110315-003	Full Dinsbier List (modified Routine)
DRS3	U1110315-004	Full Dinsbier List (modified Routine)
DRS4	U1110315-005	Full Dinsbier List (modified Routine)
DRD4	U1110315-006	Full Dinsbier List (modified Routine)
DRS6	U1110315-007	Full Dinsbier List (modified Routine)
DRD6	U1110315-008	Full Dinsbier List (modified Routine)
DRS7	U1110315-009	Full Dinsbier List (modified Routine)
DRD7	U1110315-010	Full Dinsbier List (modified Routine)
DRS8	U1110315-011	Full Dinsbier List (modified Routine)
CLG914	U1110315-012	Full Dinsbier List (modified Routine)
CLG916A	U1110315-013	Full Dinsbier List (modified Routine)
CLG916B	U1110315-014	Full Dinsbier List (modified Routine)
CLG918A	U1110315-015	Full Dinsbier List (modified Routine)
CLG918B	U1110315-016	Full Dinsbier List (modified Routine)
CLG919	U1110315-017	Full Dinsbier List (modified Routine)
CLG920A	U1110315-018	Full Dinsbier List (modified Routine)
MW911B	U1110315-019	Full Dinsbier List (modified Routine)
MW913	U1110315-020	Full Dinsbier List (modified Routine)
MW921A	U1110315-021	Full Dinsbier List (modified Routine)
DRD7 DUPE	U1110315-022	Full Dinsbier List (modified Routine)
DRS5	Insufficient Recharge – No Sample Taken	
CLG100	Insufficient Recharge – No Sample Taken	
MW912	Dry – No Sample Taken	
MW932	Dry – No Sample Taken	

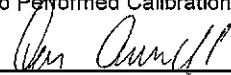
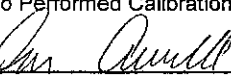
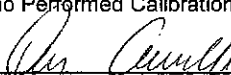
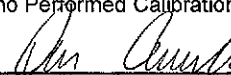
Equipment Calibration Summary

Date of Calibration	Instrument Description	Results of Calibration			Signature and Title of Representative
10/7/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	3.99	4.00	COMPANY
	Location/Description:	pH 7	6.99	7.00	UPSTATE LABS
	Ellery LF	pH 10	9.98	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/10/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	4.02	4.00	COMPANY
	Location/Description:	pH 7	7.02	7.00	UPSTATE LABS
	South Stockton LF Ellery LF	pH 10	10.04	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/11/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	4.04	4.00	COMPANY
	Location/Description:	pH 7	7.03	7.00	UPSTATE LABS
	South Stockton LF Dinsbier LF	pH 10	10.04	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/12/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	4.03	4.00	COMPANY
	Location/Description:	pH 7	7.03	7.00	UPSTATE LABS
	Dinsbier LF Harmony LF	pH 10	10.05	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.

Equipment Calibration Summary

Date of Calibration	Instrument Description	Results of Calibration			Signature and Title of Representative
10/7/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration: 
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	107.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1020.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10097.00	10000.00	Technician: (print)
	Ellery LF	Comments:			DAN AUMELL Field Tech.
10/10/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration: 
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	106.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1015.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10111.00	10000.00	Technician: (print)
	South Stockton LF Ellery LF	Comments:			DAN AUMELL Title of Technician: Field Tech.
10/11/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration: 
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	103.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1013.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10089.00	10000.00	Technician: (print)
	South Stockton LF Dinsbier LF	Comments:			DAN AUMELL Title of Technician: Field Tech.
10/12/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration: 
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	106.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1008.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10071.00	10000.00	Technician: (print)
	Dinsbier LF Harmony LF	Comments:			DAN AUMELL Title of Technician: Field Tech.

Equipment Calibration Summary

Date of Calibration	Instrument Description	Results of Calibration			Signature and Title of Representative
10/7/2011	Instrument Type:		As Found	As Left	Who Performed Calibration: 
	HANNA TURB. METER	0.1 NTU	0.09	0.1	COMPANY
	Location/Description:	15 NTU	15.94	15	UPSTATE LABS
		100 NTU	98.1	100	Technician: (print)
	Ellery LF	Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/10/2011	Instrument Type:		As Found	As Left	Who Performed Calibration: 
	HANNA TURB. METER	0.1 NTU	0.14	0.1	COMPANY
	Location/Description:	15 NTU	14.55	15	UPSTATE LABS
		100 NTU	96.1	100	Technician: (print)
	South Stockton LF	Comments:			DAN AUMELL
	Ellery LF				Title of Technician: Field Tech.
10/11/2011	Instrument Type:		As Found	As Left	Who Performed Calibration: 
	HANNA TURB. METER	0.1 NTU	0.15	0.1	COMPANY
	Location/Description:	15 NTU	16.90	15	UPSTATE LABS
		100 NTU	106.0	100	Technician: (print)
	South Stockton LF	Comments:			DAN AUMELL
	Dinsbier LF				Title of Technician: Field Tech.
10/12/2011	Instrument Type:		As Found	As Left	Who Performed Calibration: 
	HANNA TURB. METER	0.1 NTU	0.17	0.1	COMPANY
	Location/Description:	15 NTU	16.70	15	UPSTATE LABS
		100 NTU	104.0	100	Technician: (print)
	Dinsbier LF	Comments:			DAN AUMELL
	Harmony LF				Title of Technician: Field Tech.

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**

Project: **DINSBIER LANDFILL**

Well ID.: **DRS-1**

ULI ID No. (enter by lab)

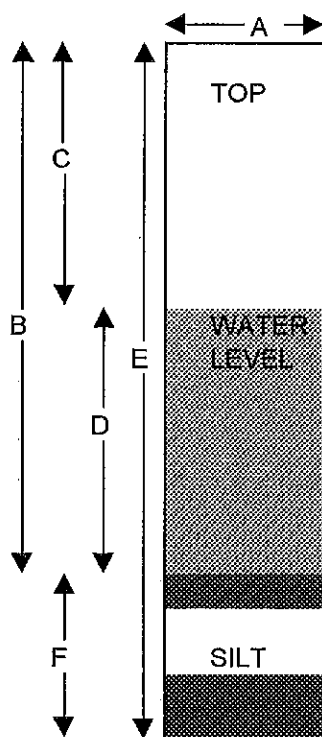
Condition of Well: **GOOD**

Locked: **Yes**

Method of Evacuation: **PUMP**

Lock ID: **5503**

Method of Sampling: **DEDICATED BAILER**



A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>10.95</u>	feet
C.	Depth to Water	<u>8.69</u>	feet
D.	Length of Water Column (calculated)	<u>2.26</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>1.469</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>4.407</u>	gallons
	Actual Volume Evacuated	<u>4.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>12:31 PM</u>	<u>8:40 AM</u>
EH	<u>127</u>	<u>194</u>
Temperature	<u>21.2 c</u>	<u>17.0 c</u>
pH	<u>7.28</u>	<u>7.48</u>
Specific Cond.	<u>999</u>	<u>976</u>
Turbidity	<u>5.84</u>	<u>3.68</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 8.69 feet

Recharge Depth to Water 9.06 feet

2nd water column height 95.92 %

1st water column height

Elevation(Top of Casing) N/A feet

G.W. Elevation= N/A feet

G.W.Elevation = Top of Case Elev-Total Depth

Weather: 72* F Sun

64* F Rain

Observations:

Sampler:

Dan Aumell

Signature:

Dan Aumell

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

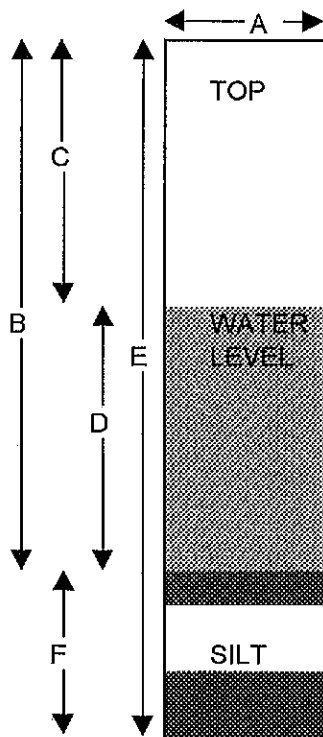
Revised: 2/97

Client: **APPLIED TESTING**
Project: **DINSBIER LANDFILL**
Well ID.: **DRS-2**

ULI ID No. (enter by lab)

Condition of Well: GOOD
Method of Evacuation: PUMP
Method of Sampling: PUMP

Locked: Yes
Lock ID: 5503



A. Diameter of Well 4 inches
B. Well Depth Measured 19.94 feet
C. Depth to Water 11.44 feet
D. Length of Water Column (calculated) 8.50 feet
Conversion Factor 0.65 -----
Well Volume (calculated) 5.525 gallons
No. of Volumes to be Evacuated 3 -----
Total Volume to be Evacuated 16.575 gallons
Actual Volume Evacuated 16.5 gallons
E. Installed Well Depth (if known) N/A feet
F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>12:53 PM</u>	<u>9:09 AM</u>
EH	<u>-84</u>	<u>-20</u>
Temperature	<u>19.1 c</u>	<u>17.5 c</u>
pH	<u>6.74</u>	<u>7.14</u>
Specific Cond.	<u>1076</u>	<u>940</u>
Turbidity	<u>13.16</u>	<u>8.95</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>SI Cloudy</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 11.44 feetRecharge Depth to Water 11.51 feet2nd water column height 99.39 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 72* F Sun 66* F Rain
Observations: _____

Sampler:

Dan Aumell

Signature:

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **DRD-2**

ULI ID No. (enter by lab)

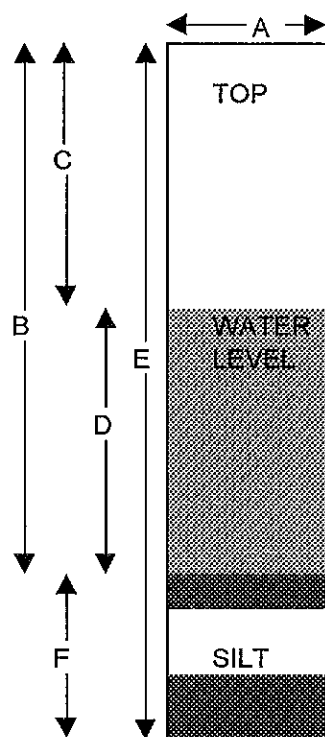
Condition of Well: GOOD

Locked: Yes

Method of Evacuation: DEDICATED BAILER

Lock ID: 5503

Method of Sampling: DEDICATED BAILER



A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>32.04</u>	feet
C.	Depth to Water	<u>10.75</u>	feet
D.	Length of Water Column (calculated)	<u>21.29</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>13.8385</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>41.5155</u>	gallons
	Actual Volume Evacuated	<u>41.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>1:00 PM</u>	<u>9:24 AM</u>
EH	<u>-98</u>	<u>-21</u>
Temperature	<u>20.3 c</u>	<u>17.2 c</u>
pH	<u>7.29</u>	<u>7.48</u>
Specific Cond.	<u>716</u>	<u>872</u>
Turbidity	<u>3.16</u>	<u>3.43</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:		
Initial Depth to Water	<u>10.75</u>	feet
Recharge Depth to Water	<u>10.63</u>	feet
2nd water column height	<u>101.13</u>	%
1st water column height		
Elevation(Top of Casing)	<u>N/A</u>	feet
G.W. Elevation=	<u>N/A</u>	feet
G.W.Elevation = Top of Case Elev-Total Depth		

Weather: 74* F Sun 66* F Cloudy
 Observations: _____

Sampler: Dan Aumell
 Signature: *Dan Aumell*

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **DRS-3**

ULI ID No. (enter by lab)

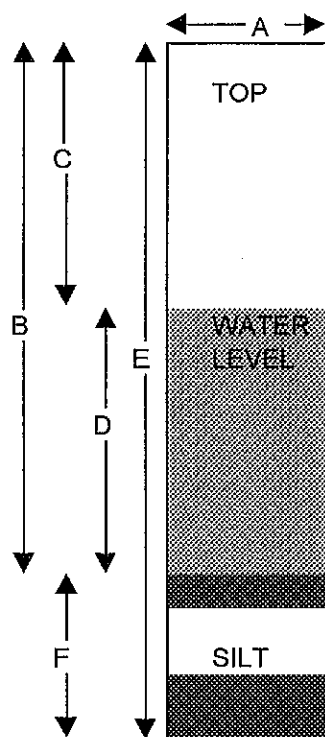
Condition of Well: GOOD

Locked: Yes

Method of Evacuation: PUMP

Lock ID: 5503

Method of Sampling: PUMP



A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>14.80</u>	feet
C.	Depth to Water	<u>6.52</u>	feet
D.	Length of Water Column (calculated)	<u>8.28</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>5.382</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>16.146</u>	gallons
	Actual Volume Evacuated	<u>16.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>5:12 PM</u>	<u>12:03 PM</u>
EH	<u>-49</u>	<u>-6</u>
Temperature	<u>18.9 c</u>	<u>17.6 c</u>
pH	<u>7.20</u>	<u>7.41</u>
Specific Cond.	<u>895</u>	<u>686</u>
Turbidity	<u>2.20</u>	<u>21.06</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Cloudy</u>

% Recharge:		
Initial Depth to Water	<u>6.52</u>	feet
Recharge Depth to Water	<u>6.54</u>	feet
2nd water column height	<u>99.69</u>	%
1st water column height		
Elevation(Top of Casing)	<u>N/A</u>	feet
G.W. Elevation=	<u>N/A</u>	feet
G.W. Elevation = Top of Case Elev - Total Depth		

Weather: 70* F Sun 66* F Rain
 Observations: _____

Sampler: Dan Aumell
 Signature: *Dan Aumell*

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

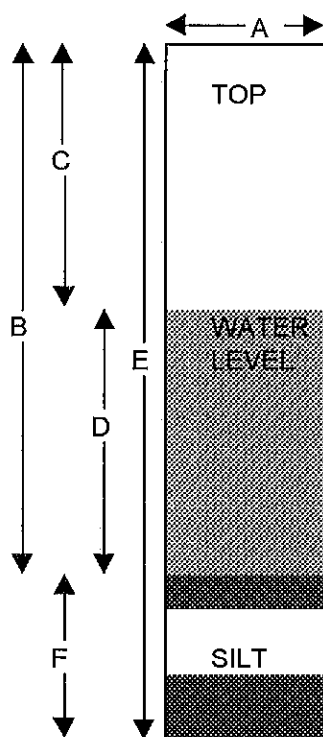
Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **DRS-4**

ULI ID No. (enter by lab)

Condition of Well: GOOD
 Method of Evacuation: PUMP
 Method of Sampling: PUMP

Locked: Yes
 Lock ID: 5503



A. Diameter of Well 4 inches
 B. Well Depth Measured 14.04 feet
 C. Depth to Water 3.03 feet
 D. Length of Water Column (calculated) 11.01 feet
 Conversion Factor 0.65 -----
 Well Volume (calculated) 7.1565 gallons
 No. of Volumes to be Evacuated 3 -----
 Total Volume to be Evacuated 21.4695 gallons
 Actual Volume Evacuated 21.5 gallons
 E. Installed Well Depth (if known) N/A feet
 F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	10/11/2011	10/12/2011
Time	5:50 PM	12:26 PM
EH	-2	61
Temperature	18.0 c	18.1 c
pH	7.27	8.02
Specific Cond.	1053	397
Turbidity	8.53	3.40
Dissolved Oxygen	N/A	N/A
Appearance	Clear	Clear

% Recharge:

Initial Depth to Water 3.03 feetRecharge Depth to Water 3.33 feet2nd water column height 90.99 %

1st water column height

Elevation (Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev - Total Depth

Weather: 68* F Sun 66* F Rain

Observations:

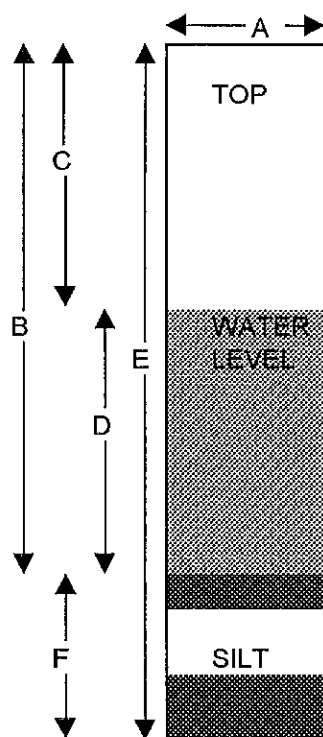
Sampler:

Dan Aumell

Signature:

Client: **APPLIED TESTING**Project: **DINSBIER LANDFILL**Well ID.: **DRD-4**

ULI ID No (enter by lab)

Condition of Well: **GOOD**Locked: **Yes**Method of Evacuation: **DEDICATED BAILER**Lock ID: **5503**Method of Sampling: **DEDICATED BAILER**

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>44.17</u>	feet
C.	Depth to Water	<u>10.54</u>	feet
D.	Length of Water Column (calculated)	<u>33.63</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>21.8595</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>65.5785</u>	gallons
	Actual Volume Evacuated	<u>65.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>6:20 PM</u>	<u>12:40 PM</u>
EH	<u>-21</u>	<u>88</u>
Temperature	<u>18.2 c</u>	<u>18.2 c</u>
pH	<u>7.68</u>	<u>7.64</u>
Specific Cond.	<u>426</u>	<u>863</u>
Turbidity	<u>1.28</u>	<u>5.41</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 10.54 feetRecharge Depth to Water 10.79 feet2nd water column height 97.68 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation=N/A feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 66* F Sun 66* F Rain

Observations:

Sampler:

Dan Aumell

Signature:

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

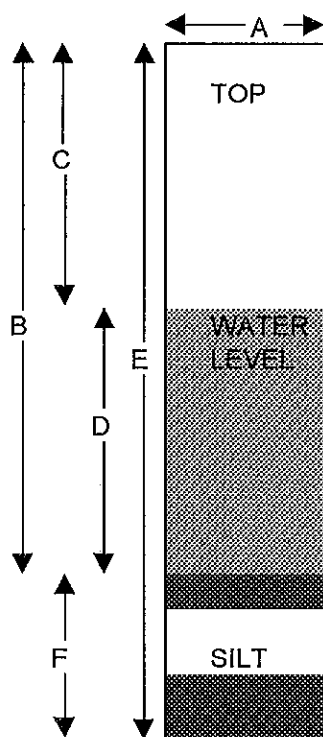
Revised: 2/97

Client: **APPLIED TESTING**
Project: **DINSBIER LANDFILL**
Well ID.: **DRS-5**

ULI ID No. (enter by lab)

Condition of Well: GOOD
Method of Evacuation: PUMP
Method of Sampling: PUMP

Locked: Yes
Lock ID: 5503



A. Diameter of Well 4 inches
B. Well Depth Measured 16.54 feet
C. Depth to Water 15.98 feet
D. Length of Water Column (calculated) 0.56 feet
Conversion Factor 0.65 -----
Well Volume (calculated) 0.364 gallons
No. of Volumes to be Evacuated 3 -----
Total Volume to be Evacuated 1.092 gallons
Actual Volume Evacuated 1 gallons
E. Installed Well Depth (if known) N/A feet
F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>4:50 PM</u>	<u>11:40 AM</u>
EH	<u>-49</u>	<u>-40</u>
Temperature	<u>19.3 c</u>	<u>17.4 c</u>
pH	<u>6.68</u>	<u>6.85</u>
Specific Cond.	<u>1762</u>	<u>1749</u>
Turbidity	<u>22.93</u>	<u>40.36</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Cloudy</u>	<u>Cloudy</u>

% Recharge:

Initial Depth to Water 15.98 feetRecharge Depth to Water 16.42 feet2nd water column height 97.32 %

1st water column height

Elevation (Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev - Total Depth

Weather: 72* F Sun 66* F Cloudy

Observations: (Insufficient recharge -
no sample taken)
to 1/2/12

Sampler:

Dan Aumell

Signature:

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client:

APPLIED TESTING

Project:

DINSBIE LANDFILL

ULI ID No. (enter by lab)

Well ID.:

DRS-6

Condition of Well:

GOOD

Locked:

Yes

Method of Evacuation:

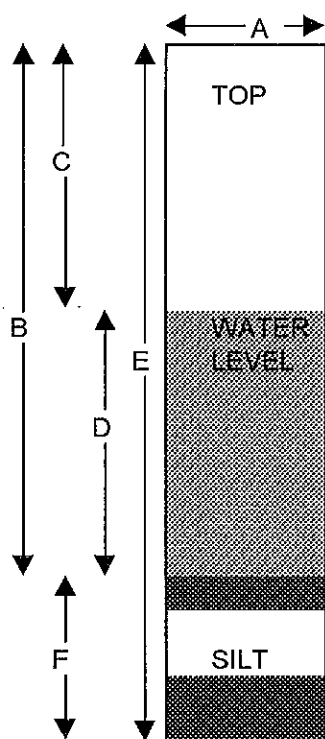
DEDICATED BAILER

Lock ID:

5503

Method of Sampling:

DEDICATED BAILER



A.	Diameter of Well	4	inches
B.	Well Depth Measured	14.80	feet
C.	Depth to Water	8.39	feet
D.	Length of Water Column (calculated)	6.41	feet
	Conversion Factor	0.65	-----
	Well Volume (calculated)	4.1665	gallons
	No. of Volumes to be Evacuated	3	-----
	Total Volume to be Evacuated	12.4995	gallons
	Actual Volume Evacuated	12.5	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated)	N/A	feet

Field Measurements

Initial Evacuation

Final Sampling

Date	10/11/2011
Time	3:18 PM
EH	-91
Temperature	20.0 c
pH	6.99
Specific Cond.	2267
Turbidity	46.55
Dissolved Oxygen	N/A
Appearance	Cloudy

Date	10/12/2011
Time	10:51 AM
EH	-72
Temperature	15.9 c
pH	7.41
Specific Cond.	2190
Turbidity	41.23
Dissolved Oxygen	N/A
Appearance	cloudy

% Recharge:

Initial Depth to Water 8.39 feet

Recharge Depth to Water 8.48 feet

2nd water column height 98.94 %

1st water column height

Elevation(Top of Casing) N/A feet

G.W. Elevation= N/A feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather:

74* F Sun

64* F Cloudy

Observations:

Sampler:

Dan Aumell

Signature:

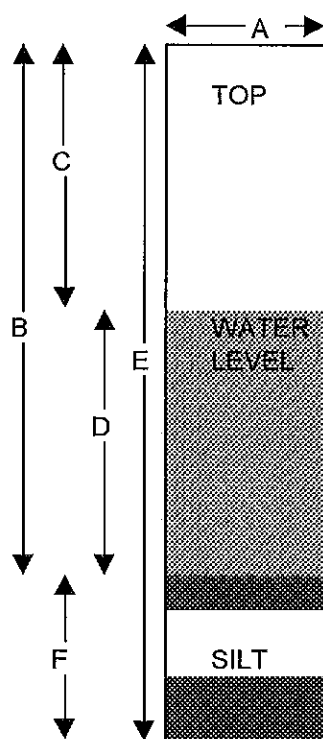
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **DRD-6**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A. Diameter of Well 4 inches
 B. Well Depth Measured 33.89 feet
 C. Depth to Water 15.19 feet
 D. Length of Water Column (calculated) 18.70 feet
 Conversion Factor 0.65 -----
 Well Volume (calculated) 12.155 gallons
 No. of Volumes to be Evacuated 3 -----
 Total Volume to be Evacuated 36.465 gallons
 Actual Volume Evacuated 36.5 gallons
 E. Installed Well Depth (if known) N/A feet
 F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>3:23 PM</u>	<u>11:06 AM</u>
EH	<u>-84</u>	<u>-20</u>
Temperature	<u>19.8 c</u>	<u>15.8 c</u>
pH	<u>7.90</u>	<u>8.05</u>
Specific Cond.	<u>536</u>	<u>504</u>
Turbidity	<u>3.26</u>	<u>3.46</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 15.19 feetRecharge Depth to Water 15.16 feet2nd water column height 100.20 %

1st water column height

Elevation (Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev - Total Depth

Weather: 74* F Sun 64* F Cloudy

Observations: _____

Sampler:

Dan Aumell

Signature: *Dan Aumell*

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **DRS-7**

ULI ID No. (enter by lab)

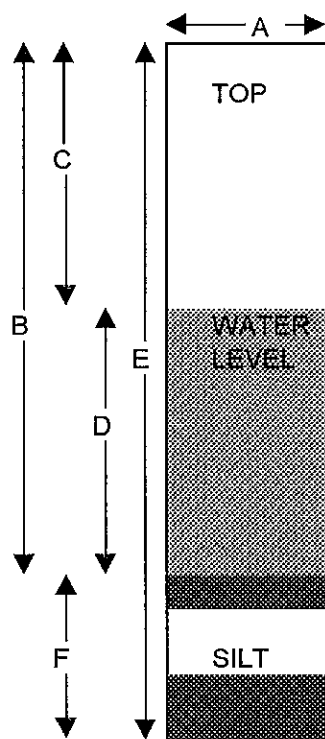
Condition of Well: GOOD

Locked: Yes

Method of Evacuation: DEDICATED BAILER

Lock ID: 5503

Method of Sampling: DEDICATED BAILER



A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>19.56</u>	feet
C.	Depth to Water	<u>9.14</u>	feet
D.	Length of Water Column (calculated)	<u>10.42</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>6.773</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>20.319</u>	gallons
	Actual Volume Evacuated	<u>20.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>2:01 PM</u>	<u>10:18 AM</u>
EH	<u>-86</u>	<u>42</u>
Temperature	<u>21.9 c</u>	<u>18.5 c</u>
pH	<u>7.79</u>	<u>7.85</u>
Specific Cond.	<u>411</u>	<u>403</u>
Turbidity	<u>2.80</u>	<u>21.13</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Cloudy</u>

% Recharge:		
Initial Depth to Water	<u>9.14</u>	feet
Recharge Depth to Water	<u>10.10</u>	feet
2nd water column height	<u>90.50</u>	%
1st water column height		
Elevation (Top of Casing)	<u>N/A</u>	feet
G.W. Elevation=	<u>N/A</u>	feet
G.W. Elevation = Top of Case Elev - Total Depth		

Weather: 74* F Sun 66* F Cloudy

Observations: _____

Sampler: Dan Aumell
 Signature: Dan Aumell

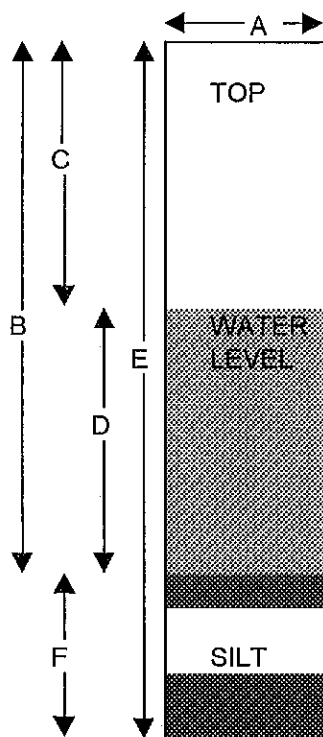
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
Project: **DINSBIER LANDFILL**
Well ID.: **DRD-7**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED PUMPLock ID: 5503Method of Sampling: DEDICATED PUMP

A. Diameter of Well 4 inches
B. Well Depth Measured 42.50 feet
C. Depth to Water 6.63 feet
D. Length of Water Column (calculated) 35.87 feet
Conversion Factor 0.65 -----
Well Volume (calculated) 23.3155 gallons
No. of Volumes to be Evacuated 3 -----
Total Volume to be Evacuated 69.9465 gallons
Actual Volume Evacuated 70 gallons
E. Installed Well Depth (if known) N/A feet
F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>1:58 PM</u>	<u>10:04 AM</u>
EH	<u>-120</u>	<u>34</u>
Temperature	<u>17.9 c</u>	<u>18.1 c</u>
pH	<u>7.90</u>	<u>7.95</u>
Specific Cond.	<u>360</u>	<u>363</u>
Turbidity	<u>9.71</u>	<u>27.35</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Cloudy</u>

% Recharge:

Initial Depth to Water 6.63 feetRecharge Depth to Water 6.62 feet2nd water column height 100.15 %

1st water column height

Elevation (Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev - Total Depth

Weather: 74* F Sun 66* F Cloudy
Observations: Dupe

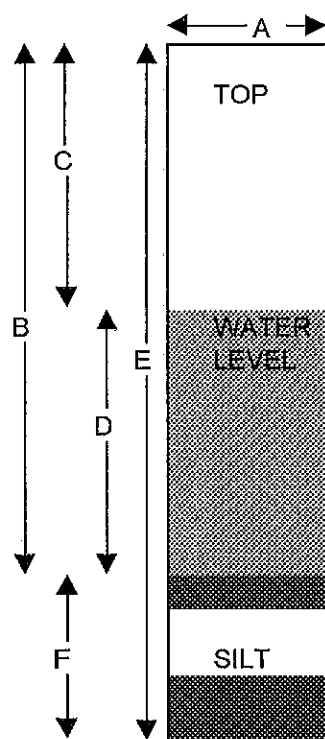
Sampler:

Dan Aumell

Signature:

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **DRS-8**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: PUMPLock ID: 5503Method of Sampling: PUMP

A. Diameter of Well 4 inches
 B. Well Depth Measured 11.59 feet
 C. Depth to Water 8.16 feet
 D. Length of Water Column (calculated) 3.43 feet
 Conversion Factor 0.65 -----
 Well Volume (calculated) 2.2295 gallons
 No. of Volumes to be Evacuated 3 -----
 Total Volume to be Evacuated 6.6885 gallons
 Actual Volume Evacuated 7 gallons
 E. Installed Well Depth (if known) N/A feet
 F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>1:31 PM</u>	<u>9:39 AM</u>
EH	<u>-19</u>	<u>19</u>
Temperature	<u>19.6 c</u>	<u>17.1 c</u>
pH	<u>7.53</u>	<u>7.61</u>
Specific Cond.	<u>749</u>	<u>820</u>
Turbidity	<u>3.00</u>	<u>12.49</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>SI Cloudy</u>

% Recharge:

Initial Depth to Water 8.16 feetRecharge Depth to Water 9.52 feet2nd water column height 85.71 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev.-Total Depth

Weather: 74* F Sun 66* F Cloudy

Observations: _____

Sampler:

Dan Aumell

Signature: *Dan Aumell*

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **CLG-100**

ULT ID No. (enter by lab)

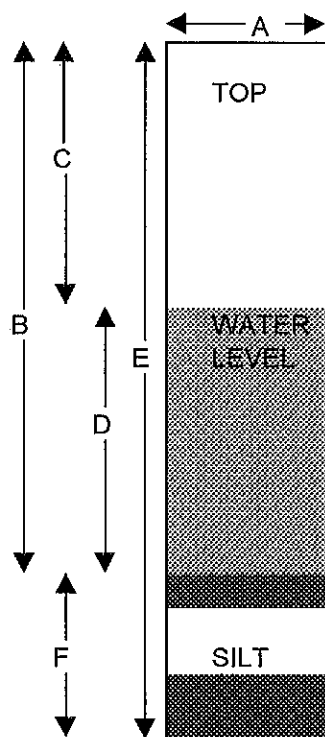
Condition of Well: GOOD

Locked: Yes

Method of Evacuation: DEDICATED BAILER

Lock ID: 5503

Method of Sampling: DEDICATED BAILER



A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>11.58</u>	feet
C.	Depth to Water	<u>9.57</u>	feet
D.	Length of Water Column (calculated)	<u>2.01</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>1.3065</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>3.9195</u>	gallons
	Actual Volume Evacuated	<u>4</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>1:47 PM</u>	<u>9:53 AM</u>
EH	<u>36</u>	<u>42</u>
Temperature	<u>20.8 c</u>	<u>16.4 c</u>
pH	<u>7.67</u>	<u>7.87</u>
Specific Cond.	<u>552</u>	<u>521</u>
Turbidity	<u>174.0</u>	<u>512.0</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Very Cloudy</u>	<u>Extremely Cloudy Brown</u>

% Recharge:		
Initial Depth to Water	<u>9.57</u>	feet
Recharge Depth to Water	<u>9.65</u>	feet
2nd water column height	<u>99.17</u>	%
1st water column height		
Elevation(Top of Casing)	<u>N/A</u>	feet
G.W. Elevation=	<u>N/A</u>	feet
G.W.Elevation = Top of Case Elev-Total Depth		

Weather: 74* F Sun 66* F Cloudy
 Observations: Insufficient recharge no samples collected.

Sampler: Dan Aumell
 Signature: *Dan Aumell*

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client:

APPLIED TESTING

Project:

DINSBIER LANDFILL

Well ID.:

CLG-914

ULI ID No. (enter by lab)

Condition of Well:

GOOD

Locked:

Yes

Method of Evacuation:

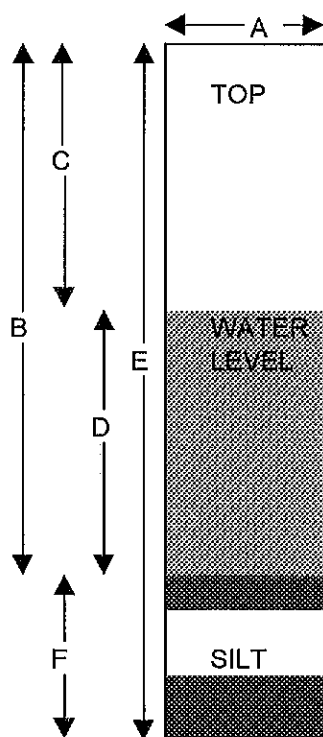
DEDICATED BAILER

Lock ID:

5503

Method of Sampling:

DEDICATED BAILER



A.	Diameter of Well	4	inches
B.	Well Depth Measured	15.96	feet
C.	Depth to Water	5.12	feet
D.	Length of Water Column (calculated)	10.84	feet
	Conversion Factor	0.65	-----
	Well Volume (calculated)	7.046	gallons
	No. of Volumes to be Evacuated	3	-----
	Total Volume to be Evacuated	21.138	gallons
	Actual Volume Evacuated	21.5	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated)	N/A	feet

Field Measurements

Initial Evacuation

Final Sampling

Date	10/11/2011
Time	5:43 PM
EH	-56
Temperature	17.3 c
pH	7.77
Specific Cond.	273
Turbidity	1.07
Dissolved Oxygen	N/A
Appearance	Clear

Date	10/12/2011
Time	12:18 PM
EH	47
Temperature	17.6 c
pH	8.14
Specific Cond.	268
Turbidity	3.39
Dissolved Oxygen	N/A
Appearance	Clear

% Recharge:

Initial Depth to Water 5.12 feet

Recharge Depth to Water 5.22 feet

2nd water column height 98.08 %

1st water column height

Elevation(Top of Casing) N/A feet

G.W. Elevation= N/A feet

G.W.Elevation = Top of Case Elev - Total Depth

Weather:

68* F Sun

66* F Rain

Observations:

Sampler:

Dan Aumell

Signature:

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **CLG-916A**

ULI ID No. (enter by lab)

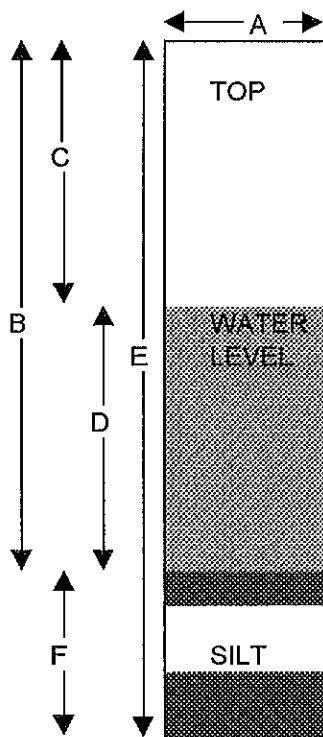
Condition of Well: GOOD

Locked: Yes

Method of Evacuation: DEDICATED BAILER

Lock ID: 5503

Method of Sampling: DEDICATED BAILER



A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>11.58</u>	feet
C.	Depth to Water	<u>8.02</u>	feet
D.	Length of Water Column (calculated)	<u>3.56</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>2.314</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>6.942</u>	gallons
	Actual Volume Evacuated	<u>7</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>3:45 PM</u>	<u>10:56 AM</u>
EH	<u>2</u>	<u>140</u>
Temperature	<u>19.6 c</u>	<u>15.8 c</u>
pH	<u>7.45</u>	<u>7.67</u>
Specific Cond.	<u>524</u>	<u>516</u>
Turbidity	<u>1.43</u>	<u>4.04</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:		
Initial Depth to Water	<u>8.02</u>	feet
Recharge Depth to Water	<u>8.42</u>	feet
2nd water column height	<u>95.25</u>	%
1st water column height		
Elevation(Top of Casing)	<u>N/A</u>	feet
G.W. Elevation=	<u>N/A</u>	feet
G.W.Elevation = Top of Case Elev-Total Depth		

Weather: 74* F Sun 64* F Cloudy
 Observations: _____

Sampler: Dan Aumell
 Signature: *Dan Aumell*

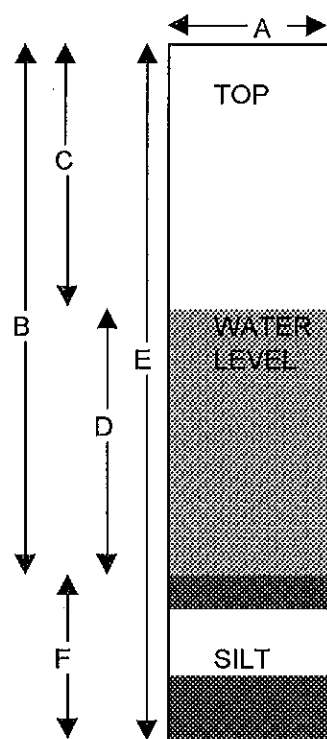
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
Project: **DINSBIER LANDFILL**
Well ID.: **CLG-916B**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>31.69</u>	feet
C.	Depth to Water	<u>17.81</u>	feet
D.	Length of Water Column (calculated)	<u>13.88</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>9.022</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>27.066</u>	gallons
	Actual Volume Evacuated	<u>27</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>4:01 PM</u>	<u>11:10 AM</u>
EH	<u>-29</u>	<u>109</u>
Temperature	<u>19.5 c</u>	<u>14.7 c</u>
pH	<u>9.75</u>	<u>9.68</u>
Specific Cond.	<u>223</u>	<u>262</u>
Turbidity	<u>7.03</u>	<u>15.90</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>SI Cloudy</u>

% Recharge:

Initial Depth to Water 17.81 feetRecharge Depth to Water 29.20 feet2nd water column height 60.99 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation=N/A feet

G.W.Elevation = Top of Case Elev-Total Depth

Weather: 74* F Sun 64* F Cloudy

Observations:

Sampler:

Dan Aumell

Signature:

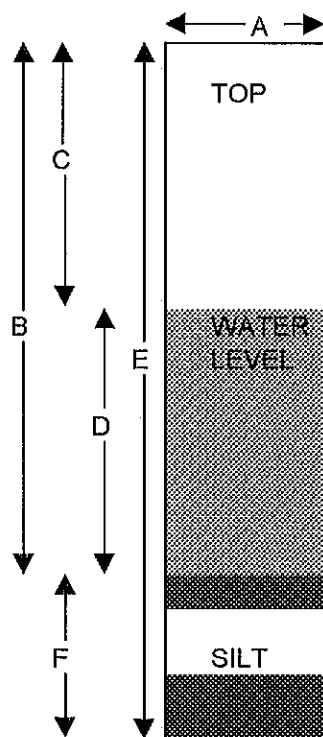
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **CLG-918A**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>18.27</u>	feet
C.	Depth to Water	<u>14.97</u>	feet
D.	Length of Water Column (calculated)	<u>3.30</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>2.145</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>6.435</u>	gallons
	Actual Volume Evacuated	<u>6.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>4:56 PM</u>	<u>11:54 AM</u>
EH	<u>-80</u>	<u>-67</u>
Temperature	<u>17.9 c</u>	<u>16.3 c</u>
pH	<u>7.42</u>	<u>7.70</u>
Specific Cond.	<u>608</u>	<u>612</u>
Turbidity	<u>2.62</u>	<u>23.23</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Cloudy</u>

% Recharge:

Initial Depth to Water 14.97 feetRecharge Depth to Water 15.39 feet2nd water column height 97.27 %

1st water column height

Elevation (Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev - Total Depth

Weather: 72* F Sun 66* F Rain

Observations: _____

Sampler:

Dan Aumell

Signature: _____

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**

Project: **DINSBIER LANDFILL**

Well ID.: **CLG-918B**

ULI ID No. (enter by lab)

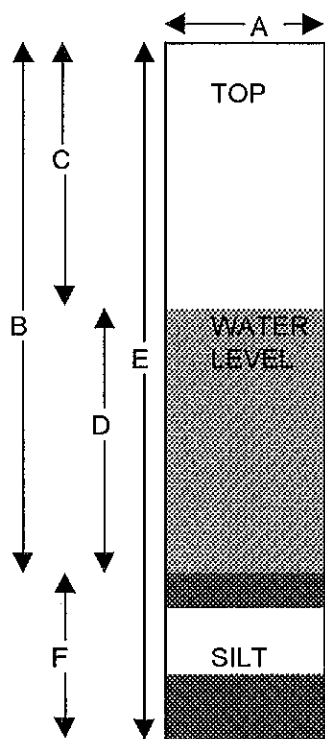
Condition of Well: **GOOD**

Locked: **Yes**

Method of Evacuation: **DEDICATED BAILER**

Lock ID: **5503**

Method of Sampling: **DEDICATED BAILER**



A.	Diameter of Well	<u>2</u>	inches
B.	Well Depth Measured	<u>62.76</u>	feet
C.	Depth to Water	<u>17.02</u>	feet
D.	Length of Water Column (calculated)	<u>45.74</u>	feet
	Conversion Factor	<u>0.16</u>	-----
	Well Volume (calculated)	<u>7.3184</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>21.9552</u>	gallons
	Actual Volume Evacuated	<u>22</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>5:01 PM</u>	<u>12:09 PM</u>
EH	<u>-60</u>	<u>-45</u>
Temperature	<u>18.0 c</u>	<u>15.3 c</u>
pH	<u>8.24</u>	<u>7.80</u>
Specific Cond.	<u>482</u>	<u>738</u>
Turbidity	<u>6.89</u>	<u>21.06</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Cloudy</u>

% Recharge:		
Initial Depth to Water	<u>17.02</u>	feet
Recharge Depth to Water	<u>17.35</u>	feet
2nd water column height	<u>98.10</u>	%
1st water column height		
Elevation (Top of Casing)	<u>N/A</u>	feet
G.W. Elevation=	<u>N/A</u>	feet
G.W. Elevation = Top of Case Elev - Total Depth		

Weather: 70* F Sun 66* F Rain

Observations: _____

Sampler: Dan Aumell

Signature: *Dan Aumell*

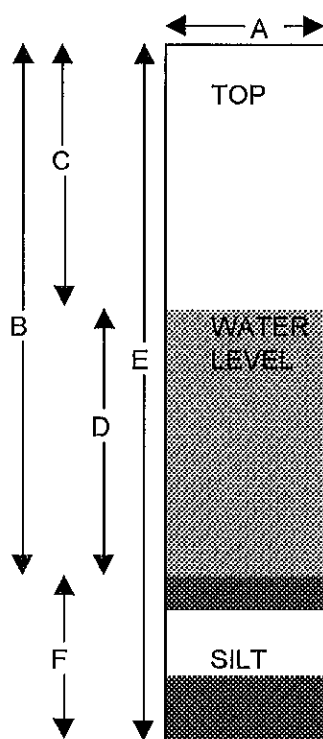
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**Project: **DINSBIER LANDFILL**Well ID.: **CLG-919**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>21.61</u>	feet
C.	Depth to Water	<u>16.52</u>	feet
D.	Length of Water Column (calculated)	<u>5.09</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>3.3085</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>9.9255</u>	gallons
	Actual Volume Evacuated	<u>10</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>4:28 PM</u>	<u>11:25 AM</u>
EH	<u>-55</u>	<u>-26</u>
Temperature	<u>18.3 c</u>	<u>16.0 c</u>
pH	<u>6.88</u>	<u>7.11</u>
Specific Cond.	<u>1028</u>	<u>989</u>
Turbidity	<u>3.89</u>	<u>6.13</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>clear</u>

% Recharge:

Initial Depth to Water 16.52 feetRecharge Depth to Water 16.54 feet2nd water column height 99.88 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev- Total Depth

Weather: 73* F Sun66* F Cloudy

Observations: _____

Sampler:

Dan Aumell

Signature: _____

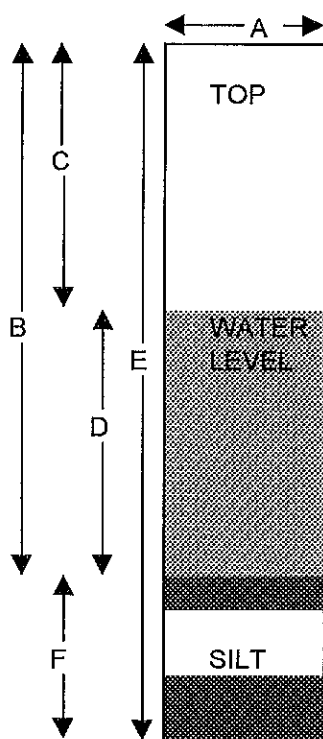
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **CLG-920A**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>32.64</u>	feet
C.	Depth to Water	<u>7.21</u>	feet
D.	Length of Water Column (calculated)	<u>25.43</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>16.5295</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>49.5885</u>	gallons
	Actual Volume Evacuated	<u>49.5</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements

Initial Evacuation

Final Sampling

Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>2:40 PM</u>	<u>10:32 AM</u>
EH	<u>-52</u>	<u>73</u>
Temperature	<u>21.2 c</u>	<u>17.4 c</u>
pH	<u>8.17</u>	<u>7.84</u>
Specific Cond.	<u>484</u>	<u>626</u>
Turbidity	<u>3.54</u>	<u>3.70</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 7.21 feetRecharge Depth to Water 7.28 feet2nd water column height 99.04 %

1st water column height

Elevation (Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev - Total Depth

Weather: 74* F Sun 66* F Cloudy

Observations: _____

Sampler:

Dan Aumell

Signature: *Dan Aumell*

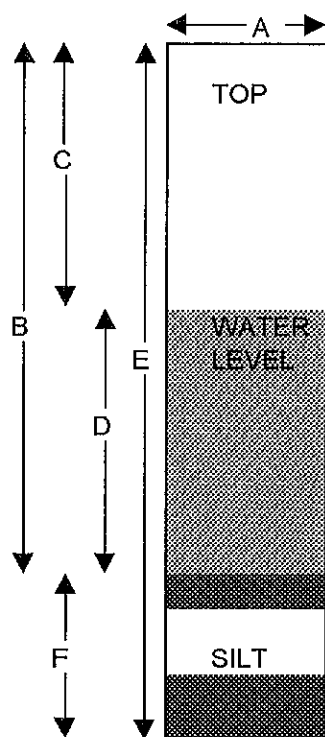
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**Project: **DINSBIER LANDFILL**Well ID.: **MW91-1B**

ULI ID No. (enter by lab)

Condition of Well: **GOOD**Locked: **Yes**Method of Evacuation: **DEDICATED BAILER**Lock ID: **5503**Method of Sampling: **DEDICATED BAILER**

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>13.80</u>	feet
C.	Depth to Water	<u>6.11</u>	feet
D.	Length of Water Column (calculated)	<u>7.69</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>4.9985</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>14.9955</u>	gallons
	Actual Volume Evacuated	<u>15</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>6:34 PM</u>	<u>12:53 PM</u>
EH	<u>42</u>	<u>93</u>
Temperature	<u>18.2 c</u>	<u>16.6 c</u>
pH	<u>7.61</u>	<u>7.62</u>
Specific Cond.	<u>607</u>	<u>625</u>
Turbidity	<u>10.30</u>	<u>3.68</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>clear</u>

% Recharge:

Initial Depth to Water 6.11 feetRecharge Depth to Water 8.78 feet2nd water column height 69.59 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W. Elevation = Top of Case Elev-Total Depth

Weather: 64* F Sun66* F Rain

Observations:

Sampler:

Dan Aumell

Signature:

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client:

APPLIED TESTING

Project:

DINSBIER LANDFILL

Well ID.:

MW91-2

ULI ID No. (enter by lab)

Condition of Well:

GOOD

Locked:

Yes

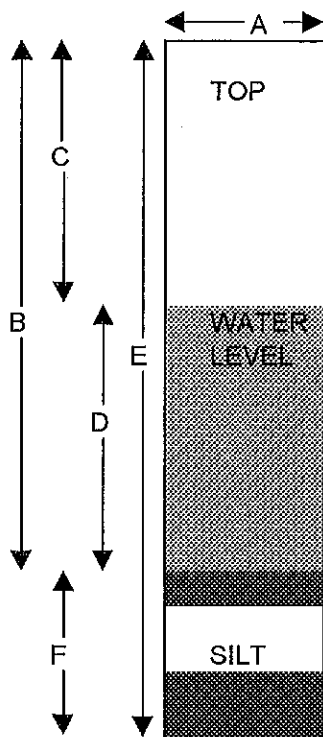
Method of Evacuation:

Lock ID:

5503

Method of Sampling:

DEDICATED BAILER



A.	Diameter of Well	4	inches
B.	Well Depth Measured	10.75	feet
C.	Depth to Water	Dry	feet
D.	Length of Water Column (calculated)		feet
	Conversion Factor	0.65	-----
	Well Volume (calculated)		gallons
	No. of Volumes to be Evacuated	3	-----
	Total Volume to be Evacuated		gallons
	Actual Volume Evacuated		gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated)	N/A	feet

Field Measurements

Initial Evacuation

Final Sampling

Date	10/11/2011	
Time	7:05 PM	
EH		
Temperature		
pH		
Specific Cond.		
Turbidity		
Dissolved Oxygen	N/A	N/A
Appearance		

% Recharge:

Initial Depth to Water

feet

Recharge Depth to Water

feet

2nd water column height

%

1st water column height

Elevation(Top of Casing)

N/A

feet

G.W. Elevation=

N/A

feet

G.W. Elevation = Top of Case Elev.-Total Depth

Weather: 64* F Sun

Observations: Well dry, no samples collected.

Sampler:

Signature:

Day Annell
Chris Annell

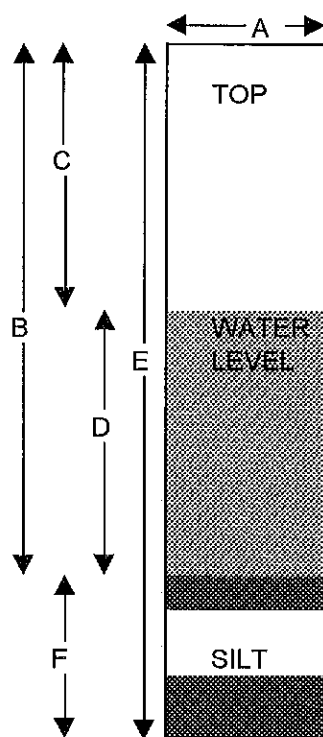
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**Project: **DINSBIER LANDFILL**Well ID.: **MW91-3**

ULT ID No. (enter by lab)

Condition of Well: **GOOD**Locked: **Yes**Method of Evacuation: **DEDICATED BAILER**Lock ID: **5503**Method of Sampling: **DEDICATED BAILER**

A.	Diameter of Well	<u>4</u>	inches
B.	Well Depth Measured	<u>10.79</u>	feet
C.	Depth to Water	<u>8.90</u>	feet
D.	Length of Water Column (calculated)	<u>1.89</u>	feet
	Conversion Factor	<u>0.65</u>	-----
	Well Volume (calculated)	<u>1.2285</u>	gallons
	No. of Volumes to be Evacuated	<u>3</u>	-----
	Total Volume to be Evacuated	<u>3.6855</u>	gallons
	Actual Volume Evacuated	<u>4</u>	gallons
E.	Installed Well Depth (if known)	<u>N/A</u>	feet
F.	Depth of Silt (calculated)	<u>N/A</u>	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>12:40 PM</u>	<u>8:54 AM</u>
EH	<u>117</u>	<u>186</u>
Temperature	<u>18.8 c</u>	<u>17.9 c</u>
pH	<u>7.54</u>	<u>7.64</u>
Specific Cond.	<u>261</u>	<u>246</u>
Turbidity	<u>10.08</u>	<u>4.08</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 8.90 feetRecharge Depth to Water 9.62 feet2nd water column height 92.52 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W.Elevation = Top of Case Elev - Total Depth

Weather: 72* F Sun 64* F Rain

Observations:

Sampler:

Dan Aumell

Signature:

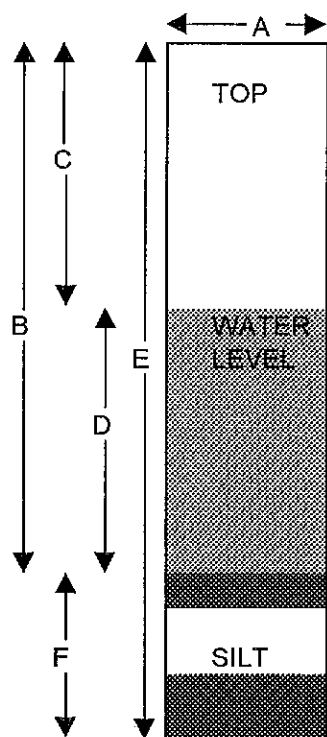
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01

Revised: 2/97

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **MW92-1A**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A. Diameter of Well 4 inches
 B. Well Depth Measured 35.58 feet
 C. Depth to Water 10.34 feet
 D. Length of Water Column (calculated) 25.24 feet
 Conversion Factor 0.65 -----
 Well Volume (calculated) 16.406 gallons
 No. of Volumes to be Evacuated 3 -----
 Total Volume to be Evacuated 49.218 gallons
 Actual Volume Evacuated 49.5 gallons
 E. Installed Well Depth (if known) N/A feet
 F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	<u>10/11/2011</u>	<u>10/12/2011</u>
Time	<u>6:58 PM</u>	<u>1:07 PM</u>
EH	<u>60</u>	<u>100</u>
Temperature	<u>18.0 c</u>	<u>17.3 c</u>
pH	<u>7.87</u>	<u>7.96</u>
Specific Cond.	<u>477</u>	<u>468</u>
Turbidity	<u>1.93</u>	<u>9.98</u>
Dissolved Oxygen	<u>N/A</u>	<u>N/A</u>
Appearance	<u>Clear</u>	<u>Clear</u>

% Recharge:

Initial Depth to Water 10.34 feetRecharge Depth to Water 10.31 feet2nd water column height 100.29 %

1st water column height

Elevation(Top of Casing) N/A feetG.W. Elevation=N/A feet

G.W. Elevation =Top of Case Elev-Total Depth

Weather: 64* F Sun 66* F Rain
 Observations: MSD

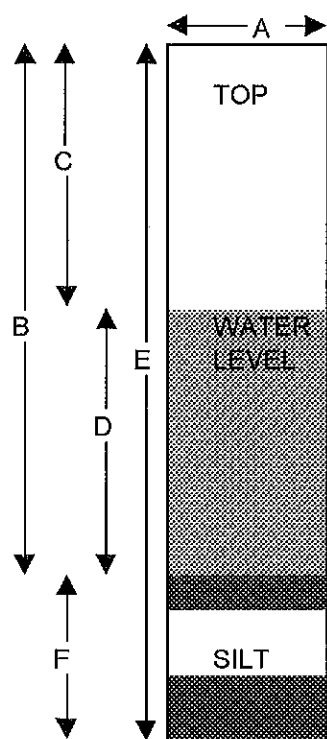
Sampler:

Dan Aumell

Signature:

Client: **APPLIED TESTING**
 Project: **DINSBIER LANDFILL**
 Well ID.: **MW93-2**

ULI ID No. (enter by lab)

Condition of Well: GOODLocked: YesMethod of Evacuation: DEDICATED BAILERLock ID: 5503Method of Sampling: DEDICATED BAILER

A. Diameter of Well 4 inches
 B. Well Depth Measured 22.23 feet
 C. Depth to Water Dry feet
 D. Length of Water Column (calculated) _____ feet
 Conversion Factor 0.65 -----
 Well Volume (calculated) _____ gallons
 No. of Volumes to be Evacuated 3 -----
 Total Volume to be Evacuated _____ gallons
 Actual Volume Evacuated _____ gallons
 E. Installed Well Depth (if known) N/A feet
 F. Depth of Silt (calculated) N/A feet

Field Measurements	Initial Evacuation	Final Sampling
Date	10/11/2011	
Time	7:10 PM	
EH		
Temperature		
pH		
Specific Cond.		
Turbidity		
Dissolved Oxygen	N/A	N/A
Appearance		

% Recharge:

Initial Depth to Water _____ feet

Recharge Depth to Water _____ feet

2nd water column height _____ %

1st water column height _____

Elevation(Top of Casing) N/A feetG.W. Elevation= N/A feet

G.W.Elevation = Top of Case Elev.-Total Depth

Weather: 64* F SunObservations: Well dry, no samples collected.

Sampler:

Dan Aumell

Signature:

Upstate Laboratories, Inc.

6034 Corporate Drive
East Syracuse, New York 13057-1017

Quality Control Report

Report Number: U1110315

Project:

Dinsbier Landfill
Bridgeport, PA

Prepared for:

Mr. Jack Heely
Applied Testing and Geosciences, LLC
401 E. Fourth St., Bldg. 12-B
Bridgeport, PA 19405

Samples Collected:

October 12, 2011

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND
ANALYTICAL REQUIREMENT SUMMARY

Upstate Laboratories, Inc
6034 Corporate Drive
East Syracuse, New York 13057

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		VOA GC/MS Method #	BNA GC/MS Method #	Pest PCBs Method #	Herb GC/MS Method #	Metals	Wet Chemistry and Other
DRS1	U1110315-001	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRS2	U1110315-002	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRD2	U1110315-003	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRS3	U1110315-004	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRS4	U1110315-005	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRD4	U1110315-006	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRS6	U1110315-007	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRD6	U1110315-008	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRS7	U1110315-009	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRD7	U1110315-010	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRS8	U1110315-011	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG914	U1110315-012	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG916A	U1110315-013	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG916B	U1110315-014	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG918A	U1110315-015	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG918B	U1110315-016	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG919	U1110315-017	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
CLG920A	U1110315-018	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
MW911B	U1110315-019	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
MW913	U1110315-020	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
MW921A	U1110315-021	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
MW921A MS	U1110315-021MS	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
MW921A MSD	U1110315-021MSD	-	-	-	-	-	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
MW921A DUPE	U1110315-021DP	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC
DRD7 DUPE	U1110315-022	-	-	-	-	Fe, Mn, Na, K	Alk,BOD,Cl,TDS,NO2, NO3,COD,NH3,TOC

Narrative

1.0 Summary

This report presents the quality control results for twenty-one water sample locations collected from Dinsbier Landfill project, Bridgeport, Pennsylvania. The samples were analyzed for the parameters listed in Section 3.0, below.

2.0 Chain of Custody

The samples were collected by Upstate Laboratories, Inc. personnel on October 12, 2011, and hand delivered to Upstate Laboratories, Inc., Syracuse, New York. The Chain of Custody documentation is presented in Report # U1110315.

3.0 Methodology

The analyses were performed using test methods developed by the USEPA under the Resource Conservation & Recovery Act (RCRA) and the Clean Water Act (CWA). The specific method numbers are:

<u>Parameter</u>	<u>Method</u>	<u>Reference</u>
Iron	200.7	(1)
Manganese	200.7	(1)
Potassium	200.7	(1)
Sodium	200.7	(1)
Alkalinity, Total	310.2	(1)
Ammonia-Nitrogen	10-107-06-1B	(1)
BOD	SM 5210B	(1)
Chloride	10-117-07-1A	(1)
TDS	SM 2540C	(1)
Nitrate	10-107-04-1C	(1)
Nitrite	10-107-04-1C	(1)
COD	410.4	(1)
TOC	SM 5310B	(1)

Reference:

(1) Methods for the Chemical Analysis of Water and Waste", USEPA, Environmental Monitoring Systems Laboratory, Cincinnati, EPA 600/4-79-020, revised March 1993

4.0 Quality Control

Quality control data includes method blanks, reference samples, matrix spikes, duplicates and surrogate recoveries. The association of QC data with sample data is made through the use of the "File No." found on both the final report pages and the QC summary pages.

5.0 Internal Validation

The following observations are offered:

Trace Metals

Holding Time	: Criteria were satisfied.
Calibration	: The final CRDL Standard recovery for Manganese was above QC acceptance limits for analytical sequence R65968. All other criteria were satisfied.
Method Blanks	: Iron was detected at concentrations above the CRDL in CCB1, CCB4 and CCB5 for analytical sequence R6568 and in the ICB and several CCBs for analytical sequence R66085. All other criteria were satisfied.
Reference Samples	: The LCS recovery for Manganese was above QC acceptance limits for LCS-29679. All other criteria were satisfied.
Matrix Spike	: Criteria were satisfied.
Duplicate	: The Duplicate %RPD for Manganese was outside QC acceptance limits for the Duplicate performed on sample location CLG918A. All other criteria were satisfied.

Wet Chemistry

Holding Time	: Sample location CLG916B was reanalyzed for Total Alkalinity in analytical sequence R66780 over method holding time due to matrix interference. Sample location MW921A was reanalyzed for Nitrate over method holding time due to an inconsistent sample result when compared with past data. The original analyses, however, were performed within method holding time. All other criteria were satisfied.
Calibration	: The ICV recovery for Total Alkalinity was above QC acceptance limits for analytical sequence R66239. The ICV recovery for Nitrite was slightly above QC acceptance limits for analytical sequence R65921. All other criteria were satisfied.
Method Blanks	: Total Alkalinity was detected at concentrations above the CRDL in several CCBs for analytical sequences R66239 and R66343. Chloride was detected at a concentration above the CRDL in CCB1 for analytical sequence R66291. All other criteria were satisfied.
Reference Samples	: Criteria were satisfied.
Matrix Spike	: The MS recovery for Total Alkalinity was below QC acceptance limits for the MS performed on sample location MW921A. The MS/MSD recoveries for Nitrate were below QC acceptance limits for the MS/MSD performed on sample location MW921A. All other criteria were satisfied.
Duplicate	: Criteria were satisfied.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and/or in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Approved Anthony J. Scala
Anthony J. Scala, Director

Dinsbier LF U1110315.doc

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-001

Client Sample ID: DRS1
Collection Date: 10/12/2011 8:40:00 AM

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
			FIELD	Analyst:		
Conductivity	976	1.0		umhos/cm		10/12/2011 8:40:00 AM
Eh	194	-300		mV		10/12/2011 8:40:00 AM
pH	7.48	2-12.5		SU		10/12/2011 8:40:00 AM
SWL	8.69			ft		10/12/2011 8:40:00 AM
Temperature	17.0			°C		10/12/2011 8:40:00 AM
Turbidity	3.68	5.0		NTU		10/12/2011 8:40:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
			200.7WT	(E200.7)	Analyst: ALW	
Iron	1.1	0.030		mg/L	1	10/19/2011 6:16:44 PM
Manganese	0.63	0.020		mg/L	1	10/19/2011 6:16:44 PM
Potassium	16	0.50		mg/L	1	10/19/2011 6:16:44 PM
Sodium	13	0.50		mg/L	1	10/19/2011 6:16:44 PM
ALKALINITY BY EPA 310.2						
			ALK_W_AUTO	Analyst: KLS		
Alkalinity, Total (As CaCO3)	580	100		mg/L	10	10/25/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
			BOD	Analyst: CAS		
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
			CL_W_AUTO	Analyst: KLS		
Chloride	2.12	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
			COD	Analyst: KLS		
Chemical Oxygen Demand	24	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
			NH3_W_AUTO	Analyst: GWL		
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
			NO2_W	Analyst: SAB		
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
			NO3_W	Analyst: SAB		
Nitrogen, Nitrate (as N)	0.881	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
			TDS	Analyst: SAB		
Residue, Dissolved (TDS)	610	25		mg/L	1	10/15/2011
TOC BY SM 18-21 5310B (00)						
			TOC_W	Analyst: BY		
Organic Carbon, Total	7.8	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-002

Client Sample ID: DRS2
Collection Date: 10/12/2011 9:09:00 AM

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD	Analyst:	
Conductivity	940	1.0		umhos/cm		10/12/2011 9:09:00 AM
Eh	-20	-300		mV		10/12/2011 9:09:00 AM
pH	7.14	2-12.5		SU		10/12/2011 9:09:00 AM
SWL	11.44			ft		10/12/2011 9:09:00 AM
Temperature	17.5			°C		10/12/2011 9:09:00 AM
Turbidity	8.95	5.0		NTU		10/12/2011 9:09:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	8.7	0.030		mg/L	1	10/19/2011 6:22:29 PM
Manganese	2.9	0.020		mg/L	1	10/19/2011 6:22:29 PM
Potassium	1.9	0.50		mg/L	1	10/19/2011 6:22:29 PM
Sodium	29	0.50		mg/L	1	10/19/2011 6:22:29 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO	Analyst: KLS	
Alkalinity, Total (As CaCO3)	500	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD	Analyst: CAS	
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO	Analyst: KLS	
Chloride	25.1	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD	Analyst: KLS	
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO	Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W	Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W	Analyst: SAB	
Nitrogen, Nitrate (as N)	0.086	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS	Analyst: SAB	
Residue, Dissolved (TDS)	540	25		mg/L	1	10/15/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W	Analyst: BY	
Organic Carbon, Total	3.5	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.**Analytical Report**

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-003

Client Sample ID: DRD2
Collection Date: 10/12/2011 9:24:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD	Analyst:	
Conductivity	872	1.0		umhos/cm		10/12/2011 9:24:00 AM
Eh	-21	-300		mV		10/12/2011 9:24:00 AM
pH	7.48	2-12.5		SU		10/12/2011 9:24:00 AM
SWL	10.75			ft		10/12/2011 9:24:00 AM
Temperature	17.2			°C		10/12/2011 9:24:00 AM
Turbidity	3.43	5.0		NTU		10/12/2011 9:24:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	1.2	0.030		mg/L	1	10/19/2011 6:39:03 PM
Manganese	1.8	0.020		mg/L	1	10/19/2011 6:39:03 PM
Potassium	6.6	0.50		mg/L	1	10/19/2011 6:39:03 PM
Sodium	17	0.50		mg/L	1	10/19/2011 6:39:03 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO	Analyst: KLS	
Alkalinity, Total (As CaCO3)	330	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD	Analyst: CAS	
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO	Analyst: KLS	
Chloride	85.5	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD	Analyst: KLS	
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO	Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W	Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W	Analyst: SAB	
Nitrogen, Nitrate (as N)	0.074	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS	Analyst: SAB	
Residue, Dissolved (TDS)	510	25		mg/L	1	10/15/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W	Analyst: BY	
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PHDate: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-004

Client Sample ID: DRS3
Collection Date: 10/12/2011 12:03:00 PM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD	Analyst:	
Conductivity	686	1.0		umhos/cm		10/12/2011 12:03:00 PM
Eh	-6	-300		mV		10/12/2011 12:03:00 PM
pH	7.41	2-12.5		SU		10/12/2011 12:03:00 PM
SWL	6.52			ft		10/12/2011 12:03:00 PM
Temperature	17.6			°C		10/12/2011 12:03:00 PM
Turbidity	21.06	5.0		NTU		10/12/2011 12:03:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.27	0.030		mg/L	1	10/19/2011 6:44:39 PM
Manganese	2.5	0.020		mg/L	1	10/19/2011 6:44:39 PM
Potassium	3.8	0.50		mg/L	1	10/19/2011 6:44:39 PM
Sodium	10	0.50		mg/L	1	10/19/2011 6:44:39 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO	Analyst: KLS	
Alkalinity, Total (As CaCO3)	360	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD	Analyst: CAS	
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO	Analyst: KLS	
Chloride	6.04	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD	Analyst: KLS	
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO	Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W	Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W	Analyst: SAB	
Nitrogen, Nitrate (as N)	0.052	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS	Analyst: SAB	
Residue, Dissolved (TDS)	380	25		mg/L	1	10/15/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W	Analyst: BY	
Organic Carbon, Total	4.0	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.**Analytical Report**

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-005

Client Sample ID: DRS4
Collection Date: 10/12/2011 12:26:00 PM

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	397	1.0		umhos/cm		10/12/2011 12:26:00 PM
Eh	61	-300		mV		10/12/2011 12:26:00 PM
pH	8.02	2-12.5		SU		10/12/2011 12:26:00 PM
SWL	3.03			ft		10/12/2011 12:26:00 PM
Temperature	18.1			°C		10/12/2011 12:26:00 PM
Turbidity	3.40	5.0		NTU		10/12/2011 12:26:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.20	0.030		mg/L	1	10/19/2011 6:50:25 PM
Manganese	0.46	0.020		mg/L	1	10/19/2011 6:50:25 PM
Potassium	7.1	0.50		mg/L	1	10/19/2011 6:50:25 PM
Sodium	32	0.50		mg/L	1	10/19/2011 6:50:25 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	280	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	18.5	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.238	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	580	25		mg/L	1	10/15/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	4.0	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-006

Client Sample ID: DRD4
Collection Date: 10/12/2011 12:40:00 PM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	863	1.0		umhos/cm		10/12/2011 12:40:00 PM
Eh	88	-300		mV		10/12/2011 12:40:00 PM
pH	7.64	2-12.5		SU		10/12/2011 12:40:00 PM
SWL	10.54			ft		10/12/2011 12:40:00 PM
Temperature	18.2			°C		10/12/2011 12:40:00 PM
Turbidity	5.41	5.0		NTU		10/12/2011 12:40:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.10	0.030		mg/L	1	10/19/2011 6:56:00 PM
Manganese	0.26	0.020		mg/L	1	10/19/2011 6:56:00 PM
Potassium	3.4	0.50		mg/L	1	10/19/2011 6:56:00 PM
Sodium	17	0.50		mg/L	1	10/19/2011 6:56:00 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	210	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	1.45	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.154	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	300	25		mg/L	1	10/15/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-007

Client Sample ID: DRS6
Collection Date: 10/12/2011 10:51:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:	
Conductivity	2190	1.0		umhos/cm		10/12/2011 10:51:00 AM
Eh	-72	-300		mV		10/12/2011 10:51:00 AM
pH	7.41	2-12.5		SU		10/12/2011 10:51:00 AM
SWL	8.39			ft		10/12/2011 10:51:00 AM
Temperature	15.9			°C		10/12/2011 10:51:00 AM
Turbidity	41.23	5.0		NTU		10/12/2011 10:51:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005			200.7WT	(E200.7)	Analyst: ALW	
Iron	13	0.030		mg/L	1	10/19/2011 7:01:47 PM
Manganese	3.5	0.020		mg/L	1	10/19/2011 7:01:47 PM
Potassium	11	0.50		mg/L	1	10/19/2011 7:01:47 PM
Sodium	180	0.50		mg/L	1	10/19/2011 7:01:47 PM
ALKALINITY BY EPA 310.2			ALK_W_AUTO		Analyst: KLS	
Alkalinity, Total (As CaCO3)	880	100		mg/L	10	10/25/2011
BOD, 5 DAY BY SM 18-20 5210B (01)			BOD		Analyst: CAS	
Biochemical Oxygen Demand	7.0	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A			CL_W_AUTO		Analyst: KLS	
Chloride	315	10.0		mg/L	10	10/25/2011
COD BY EPA 410.4 REV. 2.0			COD		Analyst: KLS	
Chemical Oxygen Demand	61	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B			NH3_W_AUTO		Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C			NO2_W		Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C			NO3_W		Analyst: SAB	
Nitrogen, Nitrate (as N)	0.173	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)			TDS		Analyst: SAB	
Residue, Dissolved (TDS)	1500	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)			TOC_W		Analyst: BY	
Organic Carbon, Total	18.8	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers:

- # Accreditation not offered by NYS DOH for this parameter
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Q Outlying QC recoveries were associated with this parameter

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC

Client Sample ID: DRD6

Lab Order: U1110315

Collection Date: 10/12/2011 11:06:00 AM

Project: Dinsbier Landfill

Lab ID: U1110315-008

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
Conductivity	504	1.0		umhos/cm		Analyst: 10/12/2011 11:06:00 AM
Eh	-20	-300		mV		10/12/2011 11:06:00 AM
pH	8.05	2-12.5		SU		10/12/2011 11:06:00 AM
SWL	15.19			ft		10/12/2011 11:06:00 AM
Temperature	15.8			°C		10/12/2011 11:06:00 AM
Turbidity	3.46	5.0		NTU		10/12/2011 11:06:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
			200.7WT		(E200.7)	Analyst: ALW
Iron	0.27	0.030		mg/L	1	10/19/2011 7:07:37 PM
Manganese	0.96	0.020		mg/L	1	10/19/2011 7:07:37 PM
Potassium	23	0.50		mg/L	1	10/19/2011 7:07:37 PM
Sodium	18	0.50		mg/L	1	10/19/2011 7:07:37 PM
ALKALINITY BY EPA 310.2						
			ALK_W_AUTO			Analyst: KLS
Alkalinity, Total (As CaCO3)	190	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
			BOD			Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
			CL_W_AUTO			Analyst: KLS
Chloride	44.7	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
			COD			Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
			NH3_W_AUTO			Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
			NO2_W			Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
			NO3_W			Analyst: SAB
Nitrogen, Nitrate (as N)	0.206	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
			TDS			Analyst: SAB
Residue, Dissolved (TDS)	420	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
			TOC_W			Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC

Client Sample ID: DRS7

Lab Order: U1110315

Collection Date: 10/12/2011 10:18:00 AM

Project: Dinsbier Landfill

Lab ID: U1110315-009

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD	Analyst:	
Conductivity	403	1.0		umhos/cm		10/12/2011 10:18:00 AM
Eh	42	-300		mV		10/12/2011 10:18:00 AM
pH	7.85	2-12.5		SU		10/12/2011 10:18:00 AM
SWL	9.14			ft		10/12/2011 10:18:00 AM
Temperature	18.5			°C		10/12/2011 10:18:00 AM
Turbidity	21.13	5.0		NTU		10/12/2011 10:18:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.12	0.030		mg/L	1	10/19/2011 7:13:28 PM
Manganese	0.82	0.020		mg/L	1	10/19/2011 7:13:28 PM
Potassium	2.8	0.50		mg/L	1	10/19/2011 7:13:28 PM
Sodium	12	0.50		mg/L	1	10/19/2011 7:13:28 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO	Analyst: KLS	
Alkalinity, Total (As CaCO3)	190	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD	Analyst: CAS	
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO	Analyst: KLS	
Chloride	10.6	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD	Analyst: KLS	
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO	Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W	Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W	Analyst: SAB	
Nitrogen, Nitrate (as N)	0.142	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS	Analyst: SAB	
Residue, Dissolved (TDS)	280	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W	Analyst: BY	
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-010

Client Sample ID: DRD7
Collection Date: 10/12/2011 10:04:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
Conductivity	363	1.0		umhos/cm		Analyst: 10/12/2011 10:04:00 AM
Eh	34	-300		mV		10/12/2011 10:04:00 AM
pH	7.95	2-12.5		SU		10/12/2011 10:04:00 AM
SWL	6.63			ft		10/12/2011 10:04:00 AM
Temperature	18.1			°C		10/12/2011 10:04:00 AM
Turbidity	27.35	5.0		NTU		10/12/2011 10:04:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
Iron	0.35	0.030		mg/L	1	Analyst: ALW 10/19/2011 7:41:16 PM
Manganese	0.22	0.020		mg/L	1	10/19/2011 7:41:16 PM
Potassium	2.2	0.50		mg/L	1	10/19/2011 7:41:16 PM
Sodium	15	0.50		mg/L	1	10/19/2011 7:41:16 PM
ALKALINITY BY EPA 310.2						
Alkalinity, Total (As CaCO3)	190	10		mg/L	1	Analyst: KLS 10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
Biochemical Oxygen Demand	5.0	4.0		mg/L	1	Analyst: CAS 10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
Chloride	4.86	1.00		mg/L	1	Analyst: KLS 10/21/2011
COD BY EPA 410.4 REV. 2.0						
Chemical Oxygen Demand	ND	20		mg/L	1	Analyst: KLS 10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	Analyst: GWL 11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrate (as N)	0.065	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
Residue, Dissolved (TDS)	240	25		mg/L	1	Analyst: SAB 10/18/2011
TOC BY SM 18-21 5310B (00)						
Organic Carbon, Total	ND	3.0		mg/L	1	Analyst: BY 11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers:

- # Accreditation not offered by NYS DOH for this parameter
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Q Outlying QC recoveries were associated with this parameter

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-011

Client Sample ID: DRS8
Collection Date: 10/12/2011 9:39:00 AM

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	820	1.0		umhos/cm		10/12/2011 9:39:00 AM
Eh	19	-300		mV		10/12/2011 9:39:00 AM
pH	7.61	2-12.5		SU		10/12/2011 9:39:00 AM
SWL	8.16			ft		10/12/2011 9:39:00 AM
Temperature	17.1			°C		10/12/2011 9:39:00 AM
Turbidity	12.49	5.0		NTU		10/12/2011 9:39:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	1.7	0.030		mg/L	1	10/19/2011 7:47:02 PM
Manganese	0.12	0.020		mg/L	1	10/19/2011 7:47:02 PM
Potassium	4.3	0.50		mg/L	1	10/19/2011 7:47:02 PM
Sodium	43	0.50		mg/L	1	10/19/2011 7:47:02 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	320	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	4.82	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.112	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	530	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers:

- # Accreditation not offered by NYS DOH for this parameter
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Q Outlying QC recoveries were associated with this parameter

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.**Analytical Report**

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-012

Client Sample ID: CLG914
Collection Date: 10/12/2011 12:18:00 PM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD	Analyst:	
Conductivity	268	1.0		umhos/cm		10/12/2011 12:18:00 PM
Eh	47	-300		mV		10/12/2011 12:18:00 PM
pH	8.14	2-12.5		SU		10/12/2011 12:18:00 PM
SWL	5.12			ft		10/12/2011 12:18:00 PM
Temperature	17.6			°C		10/12/2011 12:18:00 PM
Turbidity	3.39	5.0		NTU		10/12/2011 12:18:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.097	0.030		mg/L	1	10/19/2011 7:52:51 PM
Manganese	ND	0.020		mg/L	1	10/19/2011 7:52:51 PM
Potassium	0.80	0.50		mg/L	1	10/19/2011 7:52:51 PM
Sodium	2.6	0.50		mg/L	1	10/19/2011 7:52:51 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO	Analyst: KLS	
Alkalinity, Total (As CaCO ₃)	150	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD	Analyst: CAS	
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO	Analyst: KLS	
Chloride	1.71	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD	Analyst: KLS	
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO	Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W	Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W	Analyst: SAB	
Nitrogen, Nitrate (as N)	0.178	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS	Analyst: SAB	
Residue, Dissolved (TDS)	250	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W	Analyst: BY	
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: *PH*

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-013

Client Sample ID: CLG916A
Collection Date: 10/12/2011 10:56:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD	Analyst:	
Conductivity	516	1.0		umhos/cm		10/12/2011 10:56:00 AM
Eh	140	-300		mV		10/12/2011 10:56:00 AM
pH	7.67	2-12.5		SU		10/12/2011 10:56:00 AM
SWL	8.02			ft		10/12/2011 10:56:00 AM
Temperature	15.8			°C		10/12/2011 10:56:00 AM
Turbidity	4.04	5.0		NTU		10/12/2011 10:56:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.078	0.030		mg/L	1	10/19/2011 8:09:17 PM
Manganese	0.11	0.020		mg/L	1	10/19/2011 8:09:17 PM
Potassium	0.89	0.50		mg/L	1	10/19/2011 8:09:17 PM
Sodium	6.9	0.50		mg/L	1	10/19/2011 8:09:17 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO	Analyst: KLS	
Alkalinity, Total (As CaCO3)	270	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD	Analyst: CAS	
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO	Analyst: KLS	
Chloride	6.12	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD	Analyst: KLS	
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO	Analyst: GWL	
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W	Analyst: SAB	
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W	Analyst: SAB	
Nitrogen, Nitrate (as N)	0.395	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS	Analyst: SAB	
Residue, Dissolved (TDS)	350	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W	Analyst: BY	
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-014

Client Sample ID: CLG916B
Collection Date: 10/12/2011 11:10:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
			FIELD	Analyst:		
Conductivity	262	1.0		umhos/cm		10/12/2011 11:10:00 AM
Eh	109	-300		mV		10/12/2011 11:10:00 AM
pH	9.68	2-12.5		SU		10/12/2011 11:10:00 AM
SWL	17.81			ft		10/12/2011 11:10:00 AM
Temperature	14.7			°C		10/12/2011 11:10:00 AM
Turbidity	15.90	5.0		NTU		10/12/2011 11:10:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
			200.7WT	(E200.7)	Analyst: ALW	
Iron	ND	0.030		mg/L	1	10/19/2011 8:15:10 PM
Manganese	0.084	0.020		mg/L	1	10/19/2011 8:15:10 PM
Potassium	3.1	0.50		mg/L	1	10/19/2011 8:15:10 PM
Sodium	12	0.50		mg/L	1	10/19/2011 8:15:10 PM
ALKALINITY BY SM 18-21 2320B (97)						
			ALK_W_TITR	Analyst: KLS		
Alkalinity, Total (As CaCO3)	45	10		mg/LCaCO3	1	11/9/2011
NOTES:						
Sample reanalyzed over the holding time; original analysis was within the holding time.						
Sample was rerun using titration method due to matrix interference during autoanalysis.						
BOD, 5 DAY BY SM 18-20 5210B (01)						
			BOD	Analyst: CAS		
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
			CL_W_AUTO	Analyst: KLS		
Chloride	29.5	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
			COD	Analyst: KLS		
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
			NH3_W_AUTO	Analyst: GWL		
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
			NO2_W	Analyst: SAB		
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
			NO3_W	Analyst: SAB		
Nitrogen, Nitrate (as N)	0.085	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
			TDS	Analyst: SAB		
Residue, Dissolved (TDS)	200	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
			TOC_W	Analyst: BY		
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-015

Client Sample ID: CLG918A
Collection Date: 10/12/2011 11:54:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	612	1.0		umhos/cm		10/12/2011 11:54:00 AM
Eh	-67	-300		mV		10/12/2011 11:54:00 AM
pH	7.70	2-12.5		SU		10/12/2011 11:54:00 AM
SWL	14.97			ft		10/12/2011 11:54:00 AM
Temperature	16.3			°C		10/12/2011 11:54:00 AM
Turbidity	23.23	5.0		NTU		10/12/2011 11:54:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: DEB
Iron	0.33	0.030	Q	mg/L	1	10/15/2011 11:02:45 AM
Manganese	ND	0.020		mg/L	1	10/15/2011 11:02:45 AM
Potassium	1.3	0.50		mg/L	1	10/15/2011 11:02:45 AM
Sodium	6.8	0.50		mg/L	1	10/15/2011 11:02:45 AM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	290	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	1.35	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.393	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	390	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-016

Client Sample ID: CLG918B
Collection Date: 10/12/2011 12:09:00 PM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:	
Conductivity	738	1.0		umhos/cm		10/12/2011 12:09:00 PM
Eh	-45	-300		mV		10/12/2011 12:09:00 PM
pH	7.80	2-12.5		SU		10/12/2011 12:09:00 PM
SWL	17.02			ft		10/12/2011 12:09:00 PM
Temperature	15.3			°C		10/12/2011 12:09:00 PM
Turbidity	21.06	5.0		NTU		10/12/2011 12:09:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005			200.7WT	(E200.7)	Analyst: DEB	
Iron	0.79	0.030	Q	mg/L	1	10/15/2011 11:19:28 AM
Manganese	0.036	0.020		mg/L	1	10/15/2011 11:19:28 AM
Potassium	4.6	0.50		mg/L	1	10/15/2011 11:19:28 AM
Sodium	20	0.50		mg/L	1	10/15/2011 11:19:28 AM
ALKALINITY BY EPA 310.2			ALK_W_AUTO	Analyst: KLS		
Alkalinity, Total (As CaCO3)	300	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)			BOD	Analyst: CAS		
Biochemical Oxygen Demand	17	6.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A			CL_W_AUTO	Analyst: KLS		
Chloride	74.7	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0			COD	Analyst: KLS		
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B			NH3_W_AUTO	Analyst: GWL		
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C			NO2_W	Analyst: SAB		
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C			NO3_W	Analyst: SAB		
Nitrogen, Nitrate (as N)	0.224	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)			TDS	Analyst: SAB		
Residue, Dissolved (TDS)	460	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)			TOC_W	Analyst: BY		
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-017

Client Sample ID: CLG919
Collection Date: 10/12/2011 11:25:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
Conductivity	989	1.0		umhos/cm		Analyst: 10/12/2011 11:25:00 AM
Eh	-26	-300		mV		10/12/2011 11:25:00 AM
pH	7.11	2-12.5		SU		10/12/2011 11:25:00 AM
SWL	16.52			ft		10/12/2011 11:25:00 AM
Temperature	16.0			°C		10/12/2011 11:25:00 AM
Turbidity	6.13	5.0		NTU		10/12/2011 11:25:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
Iron	4.2	0.030	Q	mg/L	1	Analyst: DEB 10/15/2011 11:25:05 AM
Manganese	4.7	0.020		mg/L	1	10/15/2011 11:25:05 AM
Potassium	1.1	0.50		mg/L	1	10/15/2011 11:25:05 AM
Sodium	2.9	0.50		mg/L	1	10/15/2011 11:25:05 AM
ALKALINITY BY EPA 310.2						
Alkalinity, Total (As CaCO3)	700	100		mg/L	10	Analyst: KLS 10/25/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
Biochemical Oxygen Demand	13	6.0		mg/L	1	Analyst: CAS 10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
Chloride	1.86	1.00		mg/L	1	Analyst: KLS 10/21/2011
COD BY EPA 410.4 REV. 2.0						
Chemical Oxygen Demand	ND	20		mg/L	1	Analyst: KLS 10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	Analyst: GWL 11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrate (as N)	0.098	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
Residue, Dissolved (TDS)	680	25		mg/L	1	Analyst: SAB 10/18/2011
TOC BY SM 18-21 5310B (00)						
Organic Carbon, Total	ND	3.0		mg/L	1	Analyst: BY 11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-018

Client Sample ID: CLG920A
Collection Date: 10/12/2011 10:32:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
Conductivity	626	1.0		umhos/cm		Analyst: 10/12/2011 10:32:00 AM
Eh	73	-300		mV		10/12/2011 10:32:00 AM
pH	7.84	2-12.5		SU		10/12/2011 10:32:00 AM
SWL	7.21			ft		10/12/2011 10:32:00 AM
Temperature	17.4			°C		10/12/2011 10:32:00 AM
Turbidity	3.70	5.0		NTU		10/12/2011 10:32:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
Iron	0.12	0.030	Q	mg/L	1	Analyst: DEB 10/15/2011 11:30:46 AM
Manganese	0.22	0.020		mg/L	1	10/15/2011 11:30:46 AM
Potassium	4.9	0.50		mg/L	1	10/15/2011 11:30:46 AM
Sodium	22	0.50		mg/L	1	10/15/2011 11:30:46 AM
ALKALINITY BY EPA 310.2						
Alkalinity, Total (As CaCO3)	210	10		mg/L	1	Analyst: KLS 10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
Biochemical Oxygen Demand	ND	4.0		mg/L	1	Analyst: CAS 10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
Chloride	85.8	1.00		mg/L	1	Analyst: KLS 10/21/2011
COD BY EPA 410.4 REV. 2.0						
Chemical Oxygen Demand	ND	20		mg/L	1	Analyst: KLS 10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	Analyst: GWL 11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrate (as N)	0.081	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
Residue, Dissolved (TDS)	430	25		mg/L	1	Analyst: SAB 10/18/2011
TOC BY SM 18-21 5310B (00)						
Organic Carbon, Total	ND	3.0		mg/L	1	Analyst: BY 11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers:

- # Accreditation not offered by NYS DOH for this parameter
- ** Value exceeds Maximum Contaminant Value
- E Value above quantitation range
- J Analyte detected below quantitation limits
- Q Outlying QC recoveries were associated with this parameter

- * Low Level
- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-019

Client Sample ID: MW911B
Collection Date: 10/12/2011 12:53:00 PM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
Conductivity	625	1.0		umhos/cm		Analyst: 10/12/2011 12:53:00 PM
Eh	93	-300		mV		10/12/2011 12:53:00 PM
pH	7.62	2-12.5		SU		10/12/2011 12:53:00 PM
SWL	6.11			ft		10/12/2011 12:53:00 PM
Temperature	16.6			°C		10/12/2011 12:53:00 PM
Turbidity	3.68	5.0		NTU		10/12/2011 12:53:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
Iron	0.15	0.030	Q	mg/L	1	Analyst: DEB 10/15/2011 11:36:23 AM
Manganese	ND	0.020		mg/L	1	10/15/2011 11:36:23 AM
Potassium	2.6	0.50		mg/L	1	10/15/2011 11:36:23 AM
Sodium	22	0.50		mg/L	1	10/15/2011 11:36:23 AM
ALKALINITY BY EPA 310.2						
Alkalinity, Total (As CaCO3)	340	10		mg/L	1	Analyst: KLS 10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
Biochemical Oxygen Demand	ND	4.0		mg/L	1	Analyst: CAS 10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
Chloride	1.81	1.00		mg/L	1	Analyst: KLS 10/21/2011
COD BY EPA 410.4 REV. 2.0						
Chemical Oxygen Demand	ND	20		mg/L	1	Analyst: KLS 10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	Analyst: GWL 11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrate (as N)	0.345	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
Residue, Dissolved (TDS)	410	25		mg/L	1	Analyst: SAB 10/18/2011
TOC BY SM 18-21 5310B (00)						
Organic Carbon, Total	ND	3.0		mg/L	1	Analyst: BY 11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
 ** Value exceeds Maximum Contaminant Value
 E Value above quantitation range
 J Analyte detected below quantitation limits
 Q Outlying QC recoveries were associated with this parameter

* Low Level
 B Analyte detected in the associated Method Blank
 H Holding times for preparation or analysis exceeded
 ND Not Detected at the Reporting Limit
 S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-020

Client Sample ID: MW913
Collection Date: 10/12/2011 8:54:00 AM
Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	246	1.0		umhos/cm		10/12/2011 8:54:00 AM
Eh	186	-300		mV		10/12/2011 8:54:00 AM
pH	7.64	2-12.5		SU		10/12/2011 8:54:00 AM
SWL	8.90			ft		10/12/2011 8:54:00 AM
Temperature	17.9			°C		10/12/2011 8:54:00 AM
Turbidity	4.08	5.0		NTU		10/12/2011 8:54:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: DEB
Iron	0.20	0.030	Q	mg/L	1	10/15/2011 11:42:00 AM
Manganese	0.099	0.020		mg/L	1	10/15/2011 11:42:00 AM
Potassium	2.6	0.50		mg/L	1	10/15/2011 11:42:00 AM
Sodium	19	0.50		mg/L	1	10/15/2011 11:42:00 AM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	120	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	1.46	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.241	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	190	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: *PH*

Date: *11-21-11*

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-021

Client Sample ID: MW921A
Collection Date: 10/12/2011 1:07:00 PM

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	468	1.0		umhos/cm		10/12/2011 1:07:00 PM
Eh	100	-300		mV		10/12/2011 1:07:00 PM
pH	7.96	2-12.5		SU		10/12/2011 1:07:00 PM
SWL	10.34			ft		10/12/2011 1:07:00 PM
Temperature	17.3			°C		10/12/2011 1:07:00 PM
Turbidity	9.98	5.0		NTU		10/12/2011 1:07:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: DEB
Iron	0.049	0.030	Q	mg/L	1	10/15/2011 11:56:39 AM
Manganese	ND	0.020		mg/L	1	10/15/2011 11:56:39 AM
Potassium	1.9	0.50		mg/L	1	10/15/2011 11:56:39 AM
Sodium	11	0.50		mg/L	1	10/15/2011 11:56:39 AM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	220	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	13.8	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.192	0.050		mg/L	1	11/9/2011 12:16:00 PM
NOTES:						
Sample reanalyzed over the holding time; original analysis was within the holding time.						
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	320	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
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* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.**Analytical Report**

Date: 21-Nov-11

CLIENT: Applied Testing and Geosciences, LLC
Lab Order: U1110315
Project: Dinsbier Landfill
Lab ID: U1110315-022

Client Sample ID: DRD7 DUPE
Collection Date: 10/12/2011 10:04:00 AM

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS, TOTALS BY NYSDEC ASP 2005						
			200.7WT		(E200.7)	Analyst: DEB
Iron	0.24	0.030	Q	mg/L	1	10/15/2011 12:13:34 PM
Manganese	0.16	0.020		mg/L	1	10/15/2011 12:13:34 PM
Potassium	1.9	0.50		mg/L	1	10/15/2011 12:13:34 PM
Sodium	16	0.50		mg/L	1	10/15/2011 12:13:34 PM
ALKALINITY BY EPA 310.2						
			ALK_W_AUTO			Analyst: KLS
Alkalinity, Total (As CaCO3)	190	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
			BOD			Analyst: CAS
Biochemical Oxygen Demand	6.0	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
			CL_W_AUTO			Analyst: KLS
Chloride	4.38	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
			COD			Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
			NH3_W_AUTO			Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
			NO2_W			Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
			NO3_W			Analyst: SAB
Nitrogen, Nitrate (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
			TDS			Analyst: SAB
Residue, Dissolved (TDS)	280	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
			TOC_W			Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PHDate: 11-21-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

ANALYTICAL QC SUMMARY REPORT

Project: Dinsber Landfill

TestCode: 200.7WT

Sample ID: MB-29683	SampleType: MBLK	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: ZZZZZ	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386515
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Iron ND 0.030
Manganese ND 0.020
Potassium ND 0.50
Sodium ND 0.50

Sample ID: MB-29679	SampleType: MBLK	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66085
Client ID: ZZZZZ	Batch ID: 29679	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/19/2011	SeqNo: 1390124
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Iron ND 0.030
Manganese ND 0.020
Potassium ND 0.50
Sodium ND 0.50

Sample ID: LCS-29683	SampleType: LCS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: ZZZZZ	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386516
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Iron	21.58	0.030	22	0	98.1	80 120
Manganese	2.061	0.020	2	0	103	80 120
Potassium	45.53	0.50	40	0	114	80 120
Sodium	52.75	0.50	52	0	101	80 120

Sample ID: LCS-29679	SampleType: LCS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66085
Client ID: ZZZZZ	Batch ID: 29679	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/19/2011	SeqNo: 1390125
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Iron	23.08	0.030	22	0	105	80 120

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: LCS-29679	SampleType: LCS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66085					
Client ID: ZZZZZ	Batch ID: 29679	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/19/2011	SeqNo: 1390125					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Manganese	3.440	0.020	2	0	172	80	120				S
Potassium	42.70	0.50	40	0	107	80	120				E
Sodium	62.13	0.50	52	0	119	80	120				

Sample ID: U1110315-015EMS	SampleType: MS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968					
Client ID: CLG918A	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386519					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron	22.00	0.030	22	0.3257	98.5	75	125				
Manganese	2.074	0.020	2	0.01737	103	75	125				
Potassium	50.25	0.50	40	1.306	122	75	125				E
Sodium	63.33	0.50	52	6.841	109	75	125				

Sample ID: U1110315-021EMS	SampleType: MS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968					
Client ID: MW921A	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386531					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron	20.98	0.030	22	0.04929	95.2	75	125				
Manganese	2.011	0.020	2	0.008292	100	75	125				
Potassium	48.61	0.50	40	1.929	117	75	125				E
Sodium	65.65	0.50	52	10.5	106	75	125				

Sample ID: U1110315-015EDUP	SamplType: DUP	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968					
Client ID: CLG918A	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386518					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Iron	0.4996	0.030						0.3257	42.1	20	R
Manganese	0.02771	0.020						0.01737	45.9	20	R
Potassium	1.343	0.50						1.306	2.86	20	
Sodium	6.577	0.50						6.841	3.94	20	

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: U1110315-021EDUP	Sample Type: DUP	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: MW921A	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011
						SeqNo: 1386530
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit
Iron	0.03469	0.030				Highlimit
Manganese	ND	0.020				RPD Ref Val
Potassium	1.809	0.50				%RPD
Sodium	9.993	0.50				RPDLimit
						Qual

Sample ID: U1110314-001GDUP	Sample Type: DUP	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66085
Client ID: ZZZZZ	Batch ID: 29679	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/19/2011
						SeqNo: 1390128
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit
Iron	0.4407	0.030				Highlimit
Manganese	0.4340	0.020				RPD Ref Val
Potassium	0.9056	0.50				%RPD
Sodium	1.595	0.50				RPDLimit
						Qual

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386514					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	ND	0.50									
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	0.06092	0.030									
Lead	ND	0.10									
Magnesium	ND	0.50									

Qualifiers:							
#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range		
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit		
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits		

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386514
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30
Zinc ND 0.010

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386527
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum ND 0.050
Barium ND 0.30
Beryllium ND 0.0050
Boron ND 0.50
Cadmium ND 0.0050
Calcium ND 0.50
Chromium ND 0.050
Cobalt ND 0.050
Copper ND 0.020
Iron ND 0.030
Lead ND 0.10
Magnesium ND 0.50
Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386527
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Zinc ND 0.010

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Aluminum ND 0.050
Barium ND 0.30
Beryllium ND 0.0050
Boron ND 0.50
Cadmium ND 0.0050
Calcium ND 0.50
Chromium ND 0.050
Cobalt ND 0.050
Copper ND 0.020
Iron ND 0.030
Lead ND 0.10
Magnesium ND 0.50
Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30
Zinc ND 0.010

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386560
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386560
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Iron	0.05919	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386561
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	ND	0.50			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Iron	0.03955	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390123
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	0.04714	0.030			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390123
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Zinc	ND	0.010			

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390137
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	0.03869	0.030			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Zinc	ND	0.010			

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390152
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	SamplType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390152
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Aluminum	ND	0.050							
Barium	ND	0.30							
Beryllium	ND	0.0050							
Boron	ND	0.50							
Cadmium	ND	0.0050							
Calcium	ND	0.50							
Chromium	ND	0.050							
Copper	ND	0.020							
Iron	0.03593	0.030							
Magnesium	ND	0.50							
Manganese	ND	0.020							
Nickel	ND	0.030							
Potassium	ND	0.50							
Silver	ND	0.050							
Sodium	ND	0.50							
Zinc	ND	0.010							

Sample ID: CCB	SamplType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390160
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Aluminum	ND	0.050							
Barium	ND	0.30							
Beryllium	ND	0.0050							
Boron	ND	0.50							
Cadmium	ND	0.0050							
Calcium	ND	0.50							
Chromium	ND	0.050							
Copper	ND	0.020							
Iron	0.04544	0.030							

Qualifiers:	Accreditation not offered by NYS DOH for this paramete								
#	Holding times for preparation or analysis exceeded	J	Analyte detected in the associated Method Blank	E	Value above quantitation range				
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits				

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390160
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Zinc	ND	0.010			

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396166
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Barium	ND	0.30			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Lead	ND	0.10			
Nickel	ND	0.030			
Silver	ND	0.050			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396190
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Barium	ND	0.30			
Boron	ND	0.50			

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396190
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Cadmium	ND	0.0050			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Lead	ND	0.10			
Nickel	ND	0.030			
Silver	ND	0.050			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396201
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Barium	ND	0.30			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Lead	ND	0.10			
Nickel	ND	0.030			
Silver	ND	0.050			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65958
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386513
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386513						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	15.73	0.050	16	0	98.3	90	110				
Barium	15.90	0.30	16	0	99.3	90	110				
Beryllium	0.3949	0.0050	0.4	0	98.7	90	110				
Boron	4.954	0.50	5	0	99.1	90	110				
Cadmium	0.9770	0.0050	1	0	97.7	90	110				
Calcium	19.83	0.50	20	0	99.1	90	110				
Chromium	0.7844	0.050	0.8	0	98.0	90	110				
Cobalt	3.851	0.050	4	0	96.3	90	110				
Copper	1.964	0.020	2	0	98.2	90	110				
Iron	7.881	0.030	8	0	98.5	90	110				
Lead	1.989	0.10	2	0	99.4	90	110				
Magnesium	19.55	0.50	20	0	97.8	90	110				
Manganese	1.203	0.020	1.2	0	100	90	110				
Nickel	3.140	0.030	3.2	0	98.1	90	110				
Potassium	20.32	0.50	20	0	102	90	110				
Silver	0.8286	0.050	0.8	0	104	90	110				
Sodium	19.78	0.50	20	0	98.9	90	110				
Vanadium	3.987	0.30	4	0	99.7	90	110				
Zinc	1.560	0.010	1.6	0	97.5	90	110				

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386526					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	15.81	0.050	16	0	98.8	90	110				
Barium	16.01	0.30	16	0	100	90	110				
Beryllium	0.3972	0.0050	0.4	0	99.3	90	110				
Boron	4.952	0.50	5	0	99.0	90	110				
Cadmium	0.9800	0.0050	1	0	98.0	90	110				
Calcium	20.17	0.50	20	0	101	90	110				

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

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CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386526
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	0.7890	0.050	0.8	0	98.6	90	110		
Cobalt	3.862	0.050	4	0	96.5	90	110		
Copper	1.972	0.020	2	0	98.6	90	110		
Iron	7.901	0.030	8	0	98.8	90	110		
Lead	2.009	0.10	2	0	100	90	110		
Magnesium	19.61	0.50	20	0	98.0	90	110		
Manganese	1.214	0.020	1.2	0	101	90	110		
Nickel	3.163	0.030	3.2	0	98.8	90	110		
Potassium	20.35	0.50	20	0	102	90	110		
Silver	0.8327	0.050	0.8	0	104	90	110		
Sodium	19.84	0.50	20	0	99.2	90	110		
Vanadium	4.017	0.30	4	0	100	90	110		
Zinc	1.565	0.010	1.6	0	97.8	90	110		

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386544
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.76	0.050	16	0	98.5	90	110		
Barium	15.98	0.30	16	0	99.9	90	110		
Beryllium	0.3960	0.0050	0.4	0	99.0	90	110		
Boron	4.937	0.50	5	0	98.7	90	110		
Cadmium	0.9729	0.0050	1	0	97.3	90	110		
Calcium	19.78	0.50	20	0	98.9	90	110		
Chromium	0.7817	0.050	0.8	0	97.7	90	110		
Cobalt	3.821	0.050	4	0	95.5	90	110		
Copper	1.965	0.020	2	0	98.3	90	110		
Iron	7.923	0.030	8	0	99.0	90	110		
Lead	1.988	0.10	2	0	99.4	90	110		
Magnesium	19.51	0.50	20	0	97.5	90	110		

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386544
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese	1.214	0.020	1.2	0	101	90	110		
Nickel	3.136	0.030	3.2	0	98.0	90	110		
Potassium	20.25	0.50	20	0	101	90	110		
Silver	0.8318	0.050	0.8	0	104	90	110		
Sodium	19.69	0.50	20	0	98.4	90	110		
Vanadium	4.008	0.30	4	0	100	90	110		
Zinc	1.555	0.010	1.6	0	97.2	90	110		

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386559
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.76	0.050	16	0	98.5	90	110		
Barium	15.98	0.30	16	0	99.8	90	110		
Beryllium	0.3957	0.0050	0.4	0	98.9	90	110		
Boron	4.935	0.50	5	0	98.7	90	110		
Cadmium	0.9829	0.0050	1	0	98.3	90	110		
Calcium	19.91	0.50	20	0	99.6	90	110		
Chromium	0.7900	0.050	0.8	0	98.7	90	110		
Cobalt	3.861	0.050	4	0	96.5	90	110		
Copper	1.966	0.020	2	0	98.3	90	110		
Iron	8.030	0.030	8	0	100	90	110		
Lead	2.002	0.10	2	0	100	90	110		
Magnesium	19.53	0.50	20	0	97.7	90	110		
Manganese	1.214	0.020	1.2	0	101	90	110		
Nickel	3.163	0.030	3.2	0	98.8	90	110		
Potassium	20.20	0.50	20	0	101	90	110		
Silver	0.8300	0.050	0.8	0	104	90	110		
Sodium	19.98	0.50	20	0	99.9	90	110		
Vanadium	4.005	0.30	4	0	100	90	110		

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Page 14 of 43

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386559
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Zinc 1.571 0.010 1.6 0 98.2 90 110

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.90	0.050	16	0	99.4	90	110
Barium	16.01	0.30	16	0	100	90	110
Beryllium	0.3975	0.0050	0.4	0	99.4	90	110
Boron	4.979	0.50	5	0	99.6	90	110
Cadmium	1.003	0.0050	1	0	100	90	110
Calcium	20.29	0.50	20	0	101	90	110
Chromium	0.7977	0.050	0.8	0	99.7	90	110
Cobalt	3.960	0.050	4	0	99.0	90	110
Copper	1.975	0.020	2	0	98.8	90	110
Iron	7.996	0.030	8	0	99.9	90	110
Lead	2.018	0.10	2	0	101	90	110
Magnesium	20.05	0.50	20	0	100	90	110
Manganese	1.203	0.020	1.2	0	100	90	110
Nickel	3.182	0.030	3.2	0	99.4	90	110
Potassium	20.09	0.50	20	0	100	90	110
Silver	0.8260	0.050	0.8	0	103	90	110
Sodium	19.79	0.50	20	0	98.9	90	110
Vanadium	3.987	0.30	4	0	99.7	90	110
Zinc	1.610	0.010	1.6	0	101	90	110

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390122
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	SamplType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085						
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390122						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	15.79	0.050	16	0	98.7	90	110				
Barium	16.04	0.30	16	0	100	90	110				
Beryllium	0.3957	0.0050	0.4	0	98.9	90	110				
Boron	5.053	0.50	5	0	101	90	110				
Cadmium	1.005	0.0050	1	0	101	90	110				
Calcium	20.50	0.50	20	0	103	90	110				
Chromium	0.7896	0.050	0.8	0	98.7	90	110				
Copper	2.001	0.020	2	0	100	90	110				
Iron	8.321	0.030	8	0	104	90	110				
Magnesium	18.78	0.50	20	0	93.9	90	110				
Manganese	1.183	0.020	1.2	0	98.6	90	110				
Nickel	3.151	0.030	3.2	0	98.5	90	110				
Potassium	20.13	0.50	20	0	101	90	110				
Silver	1.125	0.050	0.8	0	141	90	110				
Sodium	19.51	0.50	20	0	97.5	90	110				
Zinc	1.611	0.010	1.6	0	101	90	110				

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Sample ID: CCV	SamplType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085						
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390136						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	15.71	0.050	16	0	98.2	90	110				
Barium	16.13	0.30	16	0	101	90	110				
Beryllium	0.3930	0.0050	0.4	0	98.3	90	110				
Boron	5.261	0.50	5	0	105	90	110				
Cadmium	1.017	0.0050	1	0	102	90	110				
Calcium	20.04	0.50	20	0	100	90	110				
Chromium	0.7659	0.050	0.8	0	95.7	90	110				
Copper	1.993	0.020	2	0	99.6	90	110				
Iron	8.640	0.030	8	0	108	90	110				

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dimsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390136
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Magnesium	19.98	0.50	20	0	99.9 90 110
Manganese	1.161	0.020	1.2	0	96.7 90 110
Nickel	3.059	0.030	3.2	0	95.6 90 110
Potassium	20.12	0.50	20	0	101 90 110
Silver	1.161	0.050	0.8	0	145 90 110
Sodium	18.74	0.50	20	0	93.7 90 110
Zinc	1.706	0.010	1.6	0	107 90 110

S

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390151
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	15.86	0.050	16	0	99.1 90 110
Barium	16.35	0.30	16	0	102 90 110
Beryllium	0.3931	0.0050	0.4	0	98.3 90 110
Boron	5.218	0.50	5	0	104 90 110
Cadmium	1.048	0.0050	1	0	105 90 110
Calcium	20.14	0.50	20	0	101 90 110
Chromium	0.7706	0.050	0.8	0	96.3 90 110
Copper	2.009	0.020	2	0	100 90 110
Iron	8.664	0.030	8	0	108 90 110
Magnesium	20.03	0.50	20	0	100 90 110
Manganese	1.143	0.020	1.2	0	95.2 90 110
Nickel	3.044	0.030	3.2	0	95.1 90 110
Potassium	20.22	0.50	20	0	101 90 110
Silver	1.155	0.050	0.8	0	144 90 110
Sodium	18.48	0.50	20	0	92.4 90 110
Zinc	1.720	0.010	1.6	0	108 90 110

S

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantization limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dimsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390159
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.83	0.050	16	0	98.9	90	110		
Barium	16.33	0.30	16	0	102	90	110		
Beryllium	0.3894	0.0050	0.4	0	97.3	90	110		
Boron	5.201	0.50	5	0	104	90	110		
Cadmium	1.054	0.0050	1	0	105	90	110		
Calcium	20.18	0.50	20	0	101	90	110		
Chromium	0.7617	0.050	0.8	0	95.2	90	110		
Copper	2.005	0.020	2	0	100	90	110		
Iron	8.716	0.030	8	0	109	90	110		
Magnesium	19.87	0.50	20	0	99.3	90	110		
Manganese	1.120	0.020	1.2	0	93.3	90	110		
Nickel	2.992	0.030	3.2	0	93.5	90	110		
Potassium	20.14	0.50	20	0	101	90	110		
Silver	1.141	0.050	0.8	0	143	90	110		S
Sodium	18.01	0.50	20	0	90.0	90	110		
Zinc	1.709	0.010	1.6	0	107	90	110		

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396165
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Barium	15.91	0.30	16	0	99.4	90	110		
Boron	4.884	0.50	5	0	97.7	90	110		
Cadmium	0.9185	0.0050	1	0	91.8	90	110		
Chromium	0.8381	0.050	0.8	0	105	90	110		
Cobalt	3.942	0.050	4	0	98.6	90	110		
Copper	1.991	0.020	2	0	99.5	90	110		
Lead	1.852	0.10	2	0	92.6	90	110		
Nickel	3.349	0.030	3.2	0	105	90	110		
Silver	0.8297	0.050	0.8	0	104	90	110		

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Page 18 of 43

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396165
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Vanadium	3.965	0.30	4	0	98.9 90 110
Zinc	1.664	0.010	1.6	0	104 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396188
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Barium	15.76	0.30	16	0	98.5 90 110
Boron	4.821	0.50	5	0	96.4 90 110
Cadmium	0.9105	0.0050	1	0	91.0 90 110
Chromium	0.8311	0.050	0.8	0	104 90 110
Cobalt	3.896	0.050	4	0	97.4 90 110
Copper	1.961	0.020	2	0	98.1 90 110
Lead	1.850	0.10	2	0	92.5 90 110
Nickel	3.336	0.030	3.2	0	104 90 110
Silver	0.8219	0.050	0.8	0	103 90 110
Vanadium	3.922	0.30	4	0	98.1 90 110
Zinc	1.640	0.010	1.6	0	103 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396200
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Barium	15.72	0.30	16	0	98.3 90 110
Boron	4.814	0.50	5	0	96.3 90 110
Cadmium	0.9122	0.0050	1	0	91.2 90 110
Chromium	0.8289	0.050	0.8	0	104 90 110
Cobalt	3.909	0.050	4	0	97.7 90 110
Copper	1.956	0.020	2	0	97.8 90 110
Lead	1.847	0.10	2	0	92.3 90 110

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396200
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nickel	3.330	0.030	3.2	0	104 90 110
Silver	0.8167	0.050	0.8	0	102 90 110
Vanadium	3.899	0.30	4	0	97.5 90 110
Zinc	1.651	0.010	1.6	0	103 90 110

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386512
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	0.01054	0.0050	0.01	0	105 70 130
Boron	0.5777	0.50	0.5	0	116 70 130
Cadmium	0.01033	0.0050	0.01	0	103 70 130
Calcium	ND	0.50			
Chromium	ND	0.050	0.02	0	106 70 130
Cobalt	0.1052	0.050	0.1	0	105 70 130
Copper	0.05015	0.020	0.05	0	100 70 130
Iron	0.04220	0.030			
Lead	0.5125	0.10	0.5	0	103 50 150
Magnesium	ND	0.50			
Manganese	0.03681	0.020	0.03	0	123 70 130
Nickel	0.08379	0.030	0.08	0	105 70 130
Potassium	ND	0.50			
Silver	ND	0.050	0.02	0	81.3 70 130
Sodium	ND	0.50			
Vanadium	ND	0.30	0.1	0	104 70 130
Zinc	0.05051	0.010	0.04	0	126 70 130

Qualifiers:	#	Accretation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	SampleType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386537						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	0.01062	0.0050	0.01	0	106	70	130				
Boron	0.5659	0.50	0.5	0	113	70	130				
Cadmium	0.01034	0.0050	0.01	0	103	70	130				
Calcium	ND	0.50									
Chromium	ND	0.050	0.02	0	106	70	130				
Cobalt	0.1049	0.050	0.1	0	105	70	130				
Copper	0.05050	0.020	0.05	0	101	70	130				
Iron	0.04727	0.030									
Lead	0.5212	0.10	0.5	0	104	50	150				
Magnesium	ND	0.50									
Manganese	0.03761	0.020	0.03	0	125	70	130				
Nickel	0.08437	0.030	0.08	0	105	70	130				
Potassium	ND	0.50									
Silver	ND	0.050	0.02	0	81.8	70	130				
Sodium	ND	0.50									
Vanadium	ND	0.30	0.1	0	106	70	130				
Zinc	0.05072	0.010	0.04	0	127	70	130				

Sample ID: CRI	SamptType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386571						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	0.08296	0.050									
Barium	ND	0.30									
Beryllium	0.01065	0.0050	0.01	0	106	70	130				
Boron	0.5689	0.50	0.5	0	114	70	130				
Cadmium	0.01056	0.0050	0.01	0	106	70	130				
Calcium	1.077	0.50									

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	SeqNo: 1386571				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.050	0.02	0	168	70	130				S
Cobalt	0.1085	0.050	0.1	0	109	70	130				
Copper	0.05223	0.020	0.05	0	104	70	130				
Iron	0.7612	0.030									
Lead	0.5313	0.10	0.5	0	106	50	150				
Magnesium	ND	0.50									
Manganese	0.1444	0.020	0.03	0	481	70	130				S
Nickel	0.08588	0.030	0.08	0	107	70	130				
Potassium	ND	0.50									
Silver	ND	0.050	0.02	0	81.2	70	130				
Sodium	ND	0.50									
Vanadium	ND	0.30	0.1	0	108	70	130				
Zinc	0.05242	0.010	0.04	0	131	70	130				S

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	SeqNo: 1386578				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	0.01055	0.0050	0.01	0	106	70	130				
Boron	0.5541	0.50	0.5	0	111	70	130				
Cadmium	0.01051	0.0050	0.01	0	105	70	130				
Calcium	ND	0.50									
Chromium	ND	0.050	0.02	0	113	70	130				
Cobalt	0.1077	0.050	0.1	0	108	70	130				
Copper	0.05018	0.020	0.05	0	100	70	130				
Iron	0.09785	0.030									
Lead	0.5204	0.10	0.5	0	104	50	150				
Magnesium	ND	0.50									

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386578	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val %RPD RPDLimit Qual
Manganese	0.04758	0.020	0.03	0	159	70	130 S
Nickel	0.08445	0.030	0.08	0	106	70	130
Potassium	ND	0.50					
Silver	ND	0.050	0.02	0	79.4	70	130
Sodium	ND	0.50					
Vanadium	ND	0.30	0.1	0	105	70	130
Zinc	0.05093	0.010	0.04	0	127	70	130
Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/19/2011			SeqNo: 1390121	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	0.07918	0.050					
Barium	ND	0.30					
Beryllium	0.01154	0.0050	0.01	0	115	70	130
Boron	0.5939	0.50	0.5	0	119	70	130
Cadmium	0.01122	0.0050	0.01	0	112	70	130
Calcium	ND	0.50					
Chromium	ND	0.050	0.02	0	110	70	130
Copper	0.05188	0.020	0.05	0	104	70	130
Iron	0.03219	0.030					
Magnesium	ND	0.50					
Manganese	0.03257	0.020	0.03	0	109	70	130
Nickel	0.08339	0.030	0.08	0	104	70	130
Potassium	ND	0.50					
Silver	ND	0.050	0.02	0	120	70	130
Sodium	ND	0.50					
Zinc	0.05502	0.010	0.04	0	138	70	130 S

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

TestCode: 200.7WT

Sample ID: CRI	SamptType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390145
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
					LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit
					Qual

Aluminum	ND	0.050							
Barium	ND	0.30							
Beryllium	0.01137	0.0050	0.01	0	114	70	130		
Boron	0.5914	0.50	0.5	0	118	70	130		
Cadmium	0.01108	0.0050	0.01	0	111	70	130		
Calcium	ND	0.50							
Chromium	ND	0.050	0.02	0	107	70	130		
Copper	0.05114	0.020	0.05	0	102	70	130		
Iron	ND	0.030							
Magnesium	ND	0.50							
Manganese	0.03163	0.020	0.03	0	105	70	130		
Nickel	0.08199	0.030	0.08	0	102	70	130		
Potassium	ND	0.50							
Silver	ND	0.050	0.02	0	113	70	130		
Sodium	ND	0.50							
Zinc	0.05497	0.010	0.04	0	137	70	130		

Sample ID: CRI	Sample Type: CRI	Test Code: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390158
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
					LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit
					Qual

[illegible]

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

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CLIENT: Applied Testing and Geosciences, LLC
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ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390158
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Magnesium	ND	0.50			
Manganese	0.03021	0.020	0.03	0	101 70 130
Nickel	0.07979	0.030	0.08	0	99.7 70 130
Potassium	ND	0.50			
Silver	ND	0.050	0.02	0	113 70 130
Sodium	ND	0.50			
Zinc	0.05345	0.010	0.04	0	134 70 130
					S

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396162
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Barium	ND	0.30			
Boron	0.5676	0.50	0.5	0	114 70 130
Cadmium	0.01033	0.0050	0.01	0	103 70 130
Chromium	ND	0.050	0.02	0	112 70 130
Cobalt	0.1044	0.050	0.1	0	104 70 130
Copper	0.04821	0.020	0.05	0	96.4 70 130
Lead	0.3780	0.10	0.5	0	75.6 50 150
Nickel	0.09003	0.030	0.08	0	113 70 130
Silver	ND	0.050	0.02	0	82.9 70 130
Vanadium	ND	0.30	0.1	0	104 70 130
Zinc	0.07005	0.010	0.04	0	175 70 130
					S

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396164
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Barium	ND	0.30			
Boron	0.5673	0.50	0.5	0	113 70 130

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396164
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Cadmium	0.01079	0.0050	0.01	0	108 70 130
Chromium	ND	0.050	0.02	0	111 70 130
Cobalt	0.1038	0.050	0.1	0	104 70 130
Copper	0.05932	0.020	0.05	0	119 70 130
Lead	0.5076	0.10	0.5	0	102 50 150
Nickel	0.0864	0.030	0.08	0	111 70 130
Silver	ND	0.050	0.02	0	80.5 70 130
Vanadium	ND	0.30	0.1	0	102 70 130
Zinc	0.05664	0.010	0.04	0	142 70 130

S

Sample ID: CRI	Sample Type: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396198
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Barium	ND	0.30			
Boron	0.5328	0.50	0.5	0	107 70 130
Cadmium	0.01002	0.0050	0.01	0	100 70 130
Chromium	ND	0.050	0.02	0	109 70 130
Cobalt	0.1013	0.050	0.1	0	101 70 130
Copper	0.06119	0.020	0.05	0	122 70 130
Lead	0.5033	0.10	0.5	0	101 50 150
Nickel	0.08647	0.030	0.08	0	108 70 130
Silver	ND	0.050	0.02	0	78.2 70 130
Vanadium	ND	0.30	0.1	0	102 70 130
Zinc	0.05621	0.010	0.04	0	141 70 130

S

Sample ID: ICB	Sample Type: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386509
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICB	Sample Type: ICB	Test Code: 200.7WT	Units: mg/L	Prep Date:	Run No: 65968						
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	Seq No: 1386509						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual

Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	ND	0.50									
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	ND	0.030									
Lead	ND	0.10									
Magnesium	ND	0.50									
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	ND	0.50									
Vanadium	ND	0.30									
Zinc	ND	0.010									

Sample ID: ICB	SampleType: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085						
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390118						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	ND	0.50									

Qualifiers:											
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range						
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit						
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits						

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICB	Sample Type: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390118
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	ND	0.050			
Copper	ND	0.020			
Iron	0.04809	0.030			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Zinc	ND	0.010			

Sample ID: ICB	Sample Type: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1390157
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Barium	ND	0.30			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Lead	ND	0.10			
Nickel	ND	0.030			
Silver	ND	0.050			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICV	SampleType: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386508
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	9.925	0.050	10	0	99.2	90	110		
Barium	9.992	0.30	10	0	99.9	90	110		
Beryllium	0.2520	0.0050	0.25	0	101	90	110		
Boron	10.07	0.50	10	0	101	90	110		
Cadmium	0.2469	0.0050	0.25	0	98.7	90	110		
Calcium	12.65	0.50	12.5	0	101	90	110		
Chromium	0.5013	0.050	0.5	0	100	90	110		
Cobalt	2.498	0.050	2.5	0	99.9	90	110		
Copper	1.255	0.020	1.25	0	100	90	110		
Iron	5.067	0.030	5	0	101	90	110		
Lead	0.2465	0.10	0.25	0	98.6	90	110		
Magnesium	12.68	0.50	12.5	0	101	90	110		
Manganese	0.7554	0.020	0.75	0	101	90	110		
Nickel	1.991	0.030	2	0	99.5	90	110		
Potassium	12.20	0.50	12.5	0	97.6	90	110		
Silver	0.4880	0.050	0.5	0	97.6	90	110		
Sodium	12.01	0.50	12.5	0	96.1	90	110		
Vanadium	2.524	0.30	2.5	0	101	90	110		
Zinc	1.014	0.010	1	0	101	90	110		

Sample ID: ICV	SampleType: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390117
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	9.940	0.050	10	0	99.4	90	110		
Barium	10.15	0.30	10	0	101	90	110		
Beryllium	0.2548	0.0050	0.25	0	102	90	110		
Boron	10.62	0.50	10	0	106	90	110		
Cadmium	0.2567	0.0050	0.25	0	103	90	110		
Calcium	12.84	0.50	12.5	0	103	90	110		

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete		B	Analyte detected in the associated Method Blank		E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits		ND	Not Detected at the Reporting Limit	
	Q	Outlying QC recoveries were associated with this paramete		R	RPD outside accepted recovery limits		S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICV	Sample Type: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390117
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chromium	0.5011	0.050	0.5	0	100	90	110		
Copper	1.266	0.020	1.25	0	101	90	110		
Iron	5.336	0.030	5	0	107	90	110		
Magnesium	12.86	0.50	12.5	0	103	90	110		
Manganese	0.7588	0.020	0.75	0	101	90	110		
Nickel	2.032	0.030	2	0	102	90	110		
Potassium	13.09	0.50	12.5	0	105	90	110		
Silver	0.5932	0.050	0.5	0	119	90	110		S
Sodium	11.67	0.50	12.5	0	93.3	90	110		
Zinc	1.039	0.010	1	0	104	90	110		

Sample ID: ICVA	Sample Type: ICVA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386510
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	514.9	0.050	500	0	103	80	120		E
Barium	ND	0.30							
Beryllium	ND	0.0050							
Boron	ND	0.50							
Cadmium	ND	0.0050							
Calcium	505.9	0.50	500	0	101	80	120		E
Chromium	ND	0.050							
Cobalt	ND	0.050							
Copper	ND	0.020							
Iron	184.3	0.030	200	0	92.2	80	120		
Lead	ND	0.10							
Magnesium	498.1	0.50	500	0	99.6	80	120		E
Manganese	ND	0.020							
Nickel	ND	0.030							
Potassium	ND	0.50							

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Page 30 of 43

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	Sample Type: ICSA	Test Code: 200.7WT	Units: mg/L	Prep Date:	Run No: 65968						
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	Seq No: 1386510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Silver	ND	0.050									
Sodium	0.7213	0.50									
Vanadium	ND	0.30									
Zinc	0.02909	0.010									

Sample ID: ICSA	Sample Type: ICSA	Test Code: 200.7WT	Units: mg/L			Prep Date:	Run No: 65968				
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	Seq No: 1386538				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aluminum	508.2	0.050	500	0	102	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	501.8	0.50	500	0	100	80	120				E
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	183.8	0.030	200	0	91.9	80	120				
Lead	ND	0.10									
Magnesium	483.8	0.50	500	0	96.8	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	0.7897	0.50									
Vanadium	ND	0.30									
Zinc	0.02314	0.010									

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: IC5A	SampleType: IC5A	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386572						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	516.0	0.050	500	0	103	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	504.2	0.50	500	0	101	80	120				E
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	184.9	0.030	200	0	92.5	80	120				
Lead	ND	0.10									
Magnesium	497.0	0.50	500	0	99.4	80	120				E
Manganese	0.02962	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	0.5545	0.50									
Vanadium	ND	0.30									
Zinc	0.02626	0.010									

Sample ID: IC5A	SampleType: IC5A	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	511.8	0.050	500	0	102	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	506.7	0.50	500	0	101	80	120				E

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	Sample Type: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	182.7	0.030	200	0	91.3	80	120				
Lead	ND	0.10									
Magnesium	496.5	0.50	500	0	99.3	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	ND	0.50									
Vanadium	ND	0.30									
Zinc	0.02984	0.010									

Sample ID: ICSA	Sample Type: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085						
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390119						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Hightlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	508.0	0.050	500	0	102	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	526.6	0.50	500	0	105	80	120				E
Chromium	ND	0.050									
Copper	ND	0.020									
Iron	183.7	0.030	200	0	91.8	80	120				
Magnesium	465.5	0.50	500	0	93.1	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									

Qualifiers:											
#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range						
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit						
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits						

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	SampleType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390119
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Zinc	ND	0.010			

Sample ID: ICSA	SampleType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390146
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	512.3	0.050	500	0	102 80 120 E
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	532.1	0.50	500	0	106 80 120 E
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	185.4	0.030	200	0	92.7 80 120
Magnesium	463.5	0.50	500	0	92.7 80 120 E
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Zinc	ND	0.010			

Sample ID: ICSA	SampleType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390156
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66085				
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/19/2011	SeqNo: 1390156				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	509.4	0.050	500	0	102	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	535.4	0.50	500	0	107	80	120				E
Chromium	ND	0.050									
Copper	ND	0.020									
Iron	184.5	0.030	200	0	92.2	80	120				
Magnesium	494.0	0.50	500	0	98.8	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	ND	0.50									
Zinc	ND	0.010									

Sample ID: ICSA	SamptType: ICSA	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66293				
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/26/2011	SeqNo: 1396159				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Barium	ND	0.30									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Lead	ND	0.10									
Nickel	ND	0.030									
Silver	ND	0.050									

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: IC5A	SampleType: IC5A	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293						
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396159						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Vanadium ND 0.30
Zinc ND 0.010

Sample ID: IC5A	SampleType: IC5A	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293						
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396160						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium ND 0.30
Boron ND 0.50
Cadmium ND 0.0050
Chromium ND 0.050
Cobalt ND 0.050
Copper ND 0.020
Lead ND 0.10
Nickel ND 0.030
Silver ND 0.050
Vanadium ND 0.30
Zinc 0.05229 0.010

Sample ID: IC5A	SampleType: IC5A	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293						
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium ND 0.30
Boron ND 0.50
Cadmium ND 0.0050
Chromium ND 0.050
Cobalt ND 0.050
Copper ND 0.020
Lead ND 0.10

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

TestCode: 200.7WT

Sample ID: ICSA	Sample Type: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293						
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396192						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Nickel	ND	0.030									
Silver	ND	0.050									
Vanadium	ND	0.30									
Zinc	0.04194	0.010									

Sample ID: ICSAB	Sampl Type: ICSAB	TestCode: 200.7WT	Units: mg/L		Prep Date:	RunNo: 65968					
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386511					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	521.5	0.050	500	0	104	80	120				E
Barium	0.5325	0.30	0.5	0	107	80	120				
Beryllium	0.5023	0.0050	0.5	0	100	80	120				
Boron	0.9019	0.50									
Cadmium	0.9417	0.0050	1	0	94.2	80	120				
Calcium	504.4	0.50	500	0	101	80	120				E
Chromium	0.4946	0.050	0.5	0	98.9	80	120				
Cobalt	0.4632	0.050	0.5	0	92.6	80	120				
Copper	0.5295	0.020	0.5	0	106	80	120				
Iron	186.4	0.030	200	0	93.2	80	120				
Lead	0.9144	0.10	1	0	91.4	80	120				
Magnesium	501.2	0.50	500	0	100	80	120				E
Manganese	0.5000	0.020	0.5	0	100	80	120				
Nickel	0.9389	0.030	1	0	93.9	80	120				
Potassium	ND	0.50									
Silver	1.084	0.050	1	0	108	80	120				
Sodium	1.190	0.50									
Vanadium	0.4992	0.30	0.5	0	99.8	80	120				
Zinc	0.9769	0.010	1	0	97.7	80	120				

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

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ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386539					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	516.4	0.050	500	0	103	80	120				E
Barium	0.5348	0.30	0.5	0	107	80	120				
Beryllium	0.4990	0.0050	0.5	0	99.8	80	120				
Boron	0.8471	0.50									
Cadmium	0.9365	0.0050	1	0	93.7	80	120				
Calcium	505.1	0.50	500	0	101	80	120				E
Chromium	0.4952	0.050	0.5	0	99.0	80	120				
Cobalt	0.4566	0.050	0.5	0	91.3	80	120				
Copper	0.5296	0.020	0.5	0	106	80	120				
Iron	185.4	0.030	200	0	92.7	80	120				
Lead	0.9221	0.10	1	0	92.2	80	120				
Magnesium	490.8	0.50	500	0	98.2	80	120				E
Manganese	0.5040	0.020	0.5	0	101	80	120				
Nickel	0.9428	0.030	1	0	94.3	80	120				
Potassium	ND	0.50									
Silver	1.095	0.050	1	0	110	80	120				
Sodium	1.256	0.50									
Vanadium	0.5030	0.30	0.5	0	101	80	120				
Zinc	0.9416	0.010	1	0	94.2	80	120				

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386573					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	517.4	0.050	500	0	103	80	120				E
Barium	0.5327	0.30	0.5	0	107	80	120				
Beryllium	0.4981	0.0050	0.5	0	99.6	80	120				
Boron	0.8563	0.50									
Cadmium	0.9426	0.0050	1	0	94.3	80	120				
Calcium	503.6	0.50	500	0	101	80	120				E

Qualifiers:		Accreditation not offered by NYS DOH for this parameter		Analyte detected in the associated Method Blank		Value above quantitation range	
#	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q		Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	SeqNo: 1386573				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.4944	0.050	0.5	0	98.9	80	120				
Cobalt	0.4606	0.050	0.5	0	92.1	80	120				
Copper	0.5276	0.020	0.5	0	106	80	120				
Iron	185.3	0.030	200	0	92.7	80	120				
Lead	0.9215	0.10	1	0	92.1	80	120				
Magnesium	497.1	0.50	500	0	99.4	80	120				E
Manganese	0.5042	0.020	0.5	0	101	80	120				
Nickel	0.9375	0.030	1	0	93.8	80	120				
Potassium	ND	0.50									
Silver	1.085	0.050	1	0	108	80	120				
Sodium	1.075	0.50									
Vanadium	0.4990	0.30	0.5	0	99.8	80	120				
Zinc	0.9505	0.010	1	0	95.0	80	120				

Sample ID: ICSAB	Sample Type: ICSAB	Test Code: 200.7WT	Units: mg/L			Prep Date:	Run No: 65968				
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			Seq No: 1386577					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aluminum	517.7	0.050	500	0	104	80	120				E
Barium	0.5277	0.30	0.5	0	106	80	120				
Beryllium	0.4963	0.0050	0.5	0	99.3	80	120				
Boron	0.8549	0.50									
Cadmium	0.9429	0.0050	1	0	94.3	80	120				
Calcium	502.1	0.50	500	0	100	80	120				E
Chromium	0.4916	0.050	0.5	0	98.3	80	120				
Cobalt	0.4616	0.050	0.5	0	92.3	80	120				
Copper	0.5291	0.020	0.5	0	106	80	120				
Iron	184.8	0.030	200	0	92.4	80	120				
Lead	0.9171	0.10	1	0	91.7	80	120				
Magnesium	501.2	0.50	500	0	100	80	120				E

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantization range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	SeqNo: 1386577				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	0.4973	0.020	0.5	0	99.5	80	120				
Nickel	0.9298	0.030	1	0	93.0	80	120				
Potassium	ND	0.50									
Silver	1.080	0.050	1	0	108	80	120				
Sodium	1.136	0.50									
Vanadium	0.4963	0.30	0.5	0	99.3	80	120				
Zinc	0.9773	0.010	1	0	97.7	80	120				

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66085				
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/19/2011	SeqNo: 1390120				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	507.8	0.050	500	0	102	80	120				E
Barium	0.5171	0.30	0.5	0	103	80	120				
Beryllium	0.4927	0.0050	0.5	0	98.5	80	120				
Boron	ND	0.50									
Cadmium	0.8719	0.0050	1	0	87.2	80	120				
Calcium	524.0	0.50	500	0	105	80	120				E
Chromium	0.4759	0.050	0.5	0	95.2	80	120				
Copper	0.5158	0.020	0.5	0	103	80	120				
Iron	185.5	0.030	200	0	92.8	80	120				
Magnesium	464.8	0.50	500	0	93.0	80	120				E
Manganese	0.4645	0.020	0.5	0	92.9	80	120				
Nickel	0.8756	0.030	1	0	87.6	80	120				
Potassium	ND	0.50									
Silver	1.497	0.050	1	0	150	80	120				S
Sodium	ND	0.50									
Zinc	0.9166	0.010	1	0	91.7	80	120				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantization range
H	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	Sampl Type: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66085				
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/19/2011	SeqNo: 1390147				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	514.6	0.050	500	0	103	80	120				E
Barium	0.5242	0.30	0.5	0	105	80	120				
Beryllium	0.4886	0.0050	0.5	0	97.7	80	120				
Boron	ND	0.50									
Cadmium	0.9046	0.0050	1	0	90.5	80	120				
Calcium	536.4	0.50	500	0	107	80	120				E
Chromium	0.4749	0.050	0.5	0	95.0	80	120				
Copper	0.5235	0.020	0.5	0	105	80	120				
Iron	186.7	0.030	200	0	93.4	80	120				
Magnesium	496.0	0.50	500	0	99.2	80	120				E
Manganese	0.4483	0.020	0.5	0	89.7	80	120				
Nickel	0.8541	0.030	1	0	85.4	80	120				
Potassium	ND	0.50									
Silver	1.478	0.050	1	0	148	80	120				S
Sodium	ND	0.50									
Zinc	0.9004	0.010	1	0	90.0	80	120				

Sample ID: ICSAB	Sample Type: ICSAB	TestCode: 200.7WT	Unit: mg/L	Prep Date:	RunNo: 66085						
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390157						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	510.9	0.050	500	0	102	80	120				E
Barium	0.5248	0.30	0.5	0	105	80	120				
Beryllium	0.4819	0.0050	0.5	0	96.4	80	120				
Boron	ND	0.50									
Cadmium	0.9083	0.0050	1	0	90.8	80	120				
Calcium	535.6	0.50	500	0	107	80	120				E
Chromium	0.4698	0.050	0.5	0	94.0	80	120				
Copper	0.5214	0.020	0.5	0	104	80	120				
Iron	185.6	0.030	200	0	92.8	80	120				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66085						
Client ID: ZZZZZ	Batch ID: R66085	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/19/2011	SeqNo: 1390157						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Magnesium	458.5	0.50	500	0	91.7	80	120				E
Manganese	0.4391	0.020	0.5	0	87.8	80	120				
Nickel	0.8396	0.030	1	0	84.0	80	120				
Potassium	ND	0.50									
Silver	1.457	0.050	1	0	146	80	120				S
Sodium	ND	0.50									
Zinc	0.9006	0.010	1	0	90.1	80	120				

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293						
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396161						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	0.5350	0.30	0.5	0	107	80	120				
Boron	0.9904	0.50									
Cadmium	0.9226	0.0050	1	0	92.3	80	120				
Chromium	0.5345	0.050	0.5	0	107	80	120				
Cobalt	0.4543	0.050	0.5	0	90.9	80	120				
Copper	0.5312	0.020	0.5	0	106	80	120				
Lead	0.8986	0.10	1	0	89.9	80	120				
Nickel	1.019	0.030	1	0	102	80	120				
Silver	1.168	0.050	1	0	117	80	120				
Vanadium	0.4938	0.30	0.5	0	98.8	80	120				
Zinc	1.029	0.010	1	0	103	80	120				

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293						
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396197						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Barium	0.5269	0.30	0.5	0	105	80	120				
Boron	0.9077	0.50									

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dimsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66293
Client ID: ZZZZZ	Batch ID: R66293	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/26/2011	SeqNo: 1396197
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Cadmium	0.9093	0.0050	1	0	90.9	80	120		
Chromium	0.5272	0.050	0.5	0	105	80	120		
Cobalt	0.4474	0.050	0.5	0	89.5	80	120		
Copper	0.5121	0.020	0.5	0	102	80	120		
Lead	0.8757	0.10	1	0	87.6	80	120		
Nickel	1.008	0.030	1	0	101	80	120		
Silver	1.134	0.050	1	0	113	80	120		
Vanadium	0.4760	0.30	0.5	0	95.2	80	120		
Zinc	1.021	0.010	1	0	102	80	120		

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: U1110315-021BMS	SampType: MS	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: MW921A	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394645
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	238.0	10	100	217	21.0 27 138 S

Sample ID: U1110117-015BDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394380
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	344.0	10			344 0 15

Sample ID: U1110194-009DDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394407
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	166.0	10			163 1.82 15

Sample ID: U1110272-014BDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394440
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	260.0	10			259 0.385 15

Sample ID: U1110281-002CDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394466
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	100.0	10			100 0 15

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: U1110286-019DDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394537
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	364.0	10		360	1.10 15

Sample ID: U1110315-021BDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: MW921A	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394644
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	221.0	10		217	1.83 15

Sample ID: U1110316-003BDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394652
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	112.0	10		120	6.90 15

Sample ID: U1110323-001DDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394655
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	464.0	10		473	1.92 15

Sample ID: U1110361-008EDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394690
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	148.0	10		150	1.34 15

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: U1110362-003EDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394697
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Alkalinity, Total (As CaCO3)	104.0	10		102	1.94 15

Sample ID: U1110429-002IDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394737
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Alkalinity, Total (As CaCO3)	118.0	10		124	4.96 15

Sample ID: U1110282-001CDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394762
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Alkalinity, Total (As CaCO3)	896.0	100		858	4.33 15

Sample ID: U1110283-003DDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394769
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Alkalinity, Total (As CaCO3)	853.0	100		844	1.06 15

Sample ID: U1110284-003CDUP	SampType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394772
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Alkalinity, Total (As CaCO3)	663.0	100		677	2.09 15

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Ongoing QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: U1110428-004DDUP	SampleType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397664
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	658.0	100		536	20.4 15 R

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394404
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394427
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394445
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394457
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394485
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394505
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394516
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394528
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394581
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 15.40 10

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter			B	Analyte detected in the associated Method Blank			E	Value above quantitation range		
	H	Holding times for preparation or analysis exceeded			J	Analyte detected below quantitation limits			ND	Not Detected at the Reporting Limit		
	Q	Outlying QC recoveries were associated with this parameter			R	RPD outside accepted recovery limits			S	Spike Recovery outside accepted recovery limits		

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394592
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	12.30	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394604
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394624
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394636
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394647
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394658
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 14.10 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394669
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394688
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 11.40 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394699
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394710
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) ND 10

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394722
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394733
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 11.10 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394744
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394755
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394767
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter			B	Analyte detected in the associated Method Blank			E	Value above quantitation range		
	H	Holding times for preparation or analysis exceeded			J	Analyte detected below quantitation limits			ND	Not Detected at the Reporting Limit		
	Q	Outlying QC recoveries were associated with this parameter			R	RPD outside accepted recovery limits			S	Spike Recovery outside accepted recovery limits		

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394776
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 69.20 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397656
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 11.20 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397663
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 19.80 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397669
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 17.40 10

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397675
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 41.40 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397682
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 37.10 10

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397686
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 56.30 10

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394368
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 250.0 10 250 0 100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394403
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 248.0 10 250 0 99.2 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SampType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394425
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	248.0	10	250	0	99.2 90 110

Sample ID: CCV	SampType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394444
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	249.0	10	250	0	99.6 90 110

Sample ID: CCV	SampType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394456
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	250.0	10	250	0	100 90 110

Sample ID: CCV	SampType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394483
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	247.0	10	250	0	98.8 90 110

Sample ID: CCV	SampType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394504
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	247.0	10	250	0	98.8 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

Project: Dinsher Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	Sample Type: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394515
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 248.0 10 250 0 99.2 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394527
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 249.0 10 250 0 99.6 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394539
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 250.0 10 250 0 100 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394591
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 251.0 10 250 0 100 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394603
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 250.0 10 250 0 100 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394623
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 246.0 10 250 0 98.4 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394635
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 246.0 10 250 0 98.4 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 251.0 10 250 0 100 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394657
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 245.0 10 250 0 98.0 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394668
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 240.0 10 250 0 96.0 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394687
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 248.0 10 250 0 99.2 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394698
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 248.0 10 250 0 99.2 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394709
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 245.0 10 250 0 98.0 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394721
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 250.0 10 250 0 100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394732
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 245.0 10 250 0 98.0 90 110

Qualifiers:

#	Accreditation not offered by NVS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dimsher Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394743
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 240.0 10 250 0 96.0 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394754
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 246.0 10 250 0 98.4 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394766
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 238.0 10 250 0 95.2 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394775
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 581.0 10 250 0 232 90 110 SE

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397639
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 247.0 10 250 0 98.8 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397645
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 247.0 10 250 0 98.8 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397655
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 249.0 10 250 0 99.6 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397662
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 245.0 10 250 0 98.0 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397668
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 251.0 10 250 0 100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397674
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 243.0 10 250 0 97.2 90 110

Qualifiers:										
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range					
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit					
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397681
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 237.0 10 250 0 94.8 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397685
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 241.0 10 250 0 96.4 90 110

Sample ID: ICB	SamplType: ICB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394366
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: ICB	SamplType: ICB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66343
Client ID: ZZZZZ	Batch ID: R66343	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	SeqNo: 1397638
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: ICB	SamplType: ICB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394364
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 116.0 10 103 0 113 90 110 S

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: ICV	Sample Type: ICV	Test Code: ALK_W_AUTO	Units: mg/L	Prep Date:	Run No: 66343						
Client ID: ZZZZZ	Batch ID: R66343	Test Name: Alkalinity by EPA 310.2		Analysis Date: 10/25/2011	Seq No: 1397637						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Alkalinity, Total (As CaCO3)	71.20	10	75.8	0	93.9	87	111				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_TITR

Sample ID: MB-R66780	Sample Type: MBLK	TestCode: ALK_W_TITR	Units: mg/LCaCO3	Prep Date:	RunNo: 66780
Client ID: ZZZZZ	Batch ID: R66780	TestName: Alkalinity by SM 18-21 2320B (97)		Analysis Date: 11/9/2011	SeqNo: 1410665
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: LCS-R66780	Sample Type: LCS	TestCode: ALK_W_TITR	Units: mg/LCaCO3	Prep Date:	RunNo: 66780
Client ID: ZZZZZ	Batch ID: R66780	TestName: Alkalinity by SM 18-21 2320B (97)		Analysis Date: 11/9/2011	SeqNo: 1410666
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 61.10 10 58.2 0 105 88 112

Sample ID: U1110315-014BDUP	Sample Type: DUP	TestCode: ALK_W_TITR	Units: mg/LCaCO3	Prep Date:	RunNo: 66780
Client ID: CLG916B	Batch ID: R66780	TestName: Alkalinity by SM 18-21 2320B (97)		Analysis Date: 11/9/2011	SeqNo: 1410672
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 43.09 10

Sample ID: U1109621-011BDUP	Sample Type: DUP	TestCode: ALK_W_TITR	Units: mg/LCaCO3	Prep Date:	RunNo: 66780
Client ID: ZZZZZ	Batch ID: R66780	TestName: Alkalinity by SM 18-21 2320B (97)		Analysis Date: 11/9/2011	SeqNo: 1410674
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 90.10 10

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: BOD

Sample ID: MB-R66064	SampleType: MBLK	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389470
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Biochemical Oxygen Demand	ND	4.0			
Sample ID: LCS-R66064	SampleType: LCS	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389471
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Biochemical Oxygen Demand	198.0	4.0	200	0	99.0	84	114				
Sample ID: U1110272-014ADUP	SampleType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064						
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)	Analysis Date: 10/13/2011	SeqNo: 1389501							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Biochemical Oxygen Demand	ND	4.0			
Sample ID: U1110315-021ADUP	SampleType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: MW921A	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389526
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Biochemical Oxygen Demand	ND	4.0			
Sample ID: U1110316-003ADUP	SampleType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389531
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Biochemical Oxygen Demand	ND	4.0			

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: BOD

Sample ID: U1110323-001ADUP		SamplType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064					
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)			Analysis Date: 10/13/2011	SeqNo: 1389532					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	6.000	4.0						6	0	20	

Qualifiers:											
#	Accreditation not offered by NYS DOH for this parameter				B	Analyte detected in the associated Method Blank					
H	Holding times for preparation or analysis exceeded				J	Analyte detected below quantitation limits					
Q	Outlying QC recoveries were associated with this parameter				R	RPD outside accepted recovery limits					
						E	Value above quantitation range				
						ND	Not Detected at the Reporting Limit				
						S	Spike Recovery outside accepted recovery limits				

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: U1110315-021AMS	Sample Type: MS	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: MW921A	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393948
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	36.30	1.00	24	13.8	93.8 51.5 156

Sample ID: U1110272-014ADUP	Sample Type: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393825
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	14.10	1.00			14.3 1.41 15

Sample ID: U1110281-002ADUP	Sample Type: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393843
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	22.10	1.00			22.3 0.901 15

Sample ID: U1110286-019ADUP	Sample Type: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393891
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	15.00	1.00			14.8 1.34 15

Sample ID: U1110315-021ADUP	Sample Type: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: MW921A	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393947
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	13.80	1.00			13.8 0 15

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: U1110316-003ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393955
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	28.10	1.00			27.5 2.16 15

Sample ID: U1110323-001ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393958
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	29.90	1.00			30 0.334 15

Sample ID: U1110361-008ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393986
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	16.80	1.00			16.9 0.593 15

Sample ID: U1110362-003ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393993
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	18.20	1.00			18.1 0.551 15

Sample ID: U1110428-004ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394023
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	15.30	1.00			15.5 1.30 15

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: U1110387-002ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394051
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	99.70	1.00		99.8	0.100 15

Sample ID: U1110282-001ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394132
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	185.0	10.0		187	1.08 15

Sample ID: U1110284-003ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394184
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	228.0	10.0		233	2.17 15

Sample ID: U1110388-006ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396128
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	142.0	10.0		139	2.14 15

Sample ID: U1110429-002DDUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396137
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	1730	10.0		1720	0.580 15 E

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: U1110465-002ADUP	Sample Type: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396203
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	1180	10.0			1180 0 15

Sample ID: U1110464-002ADUP	Sample Type: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396244
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	156.0	10.0			156 0 15

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393809
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393817
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393828
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393838
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393848
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393859
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393870
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393882
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dimsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393893
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393805
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393817
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393927
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393939
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393950
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393960
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393972
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393984
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393995
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394006
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394018
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394030
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394044
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394053
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394067
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394116
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394128
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394134
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394144
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396119
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 1.060 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396123
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396133
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396149
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396214
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:	Accreditation not offered by NYS DOH for this parameter									
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	E	Value above quantitation range					
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396243
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396264
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396274
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	Sample Type: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396283
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 2.470 1.00

Sample ID: CCV	Sample Type: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393802
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.50 1.00 75 0 107 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393808
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.80 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393816
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.30 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393827
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.30 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393837
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.00 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393847
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.80 1.00 75 0 106 90 110

Qualifiers:										
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range					
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit					
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsper Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393858
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.20 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393869
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.30 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393881
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.90 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393892
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.50 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393904
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.80 1.00 75 0 106 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393916
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.00	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393926
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	78.30	1.00	75	0	104 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393938
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.70	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.10	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393959
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.10	1.00	75	0	107 90 110

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393971
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.60 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393983
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.80 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393994
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.50 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394005
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.20 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394017
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.60 1.00 75 0 107 90 110

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394029
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.90 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394043
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 83.50 1.00 75 0 111 90 110 S

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394052
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 78.40 1.00 75 0 105 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394064
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.30 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394115
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.10 1.00 75 0 107 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394127
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.60 1.00 75 0 106 90 110

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394133
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.20 1.00 75 0 106 90 110

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394143
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.70 1.00 75 0 106 90 110

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396113
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 77.90 1.00 75 0 104 90 110

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396118
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride 77.10 1.00 75 0 103 90 110

Qualifiers:										
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range					
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit					
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396122
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 76.10 1.00 75 0 101 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396132
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 76.40 1.00 75 0 102 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396148
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 75.90 1.00 75 0 101 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396213
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 75.50 1.00 75 0 101 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396242
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 73.60 1.00 75 0 98.1 90 110

Qualifiers:										
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range					
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit					
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396262
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	74.10	1.00	75	0	98.8 90 110

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396273
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	73.60	1.00	75	0	98.1 90 110

Sample ID: CCV	SamplType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396282
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	90.40	1.00	75	0	121 90 110

Sample ID: ICB	SamplType: ICB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393801
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: ICB	SamplType: ICB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396112
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Qualifiers: # Accreditation not offered by NYS DOH for this paramete B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this paramete R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: CL_W_AUTO

Sample ID: ICV	SamplType: ICV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393800
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	56.10	1.00	50.1	0	112 85 115

Sample ID: ICV	SamplType: ICV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66291
Client ID: ZZZZZ	Batch ID: R66291	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/25/2011	SeqNo: 1396111
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	68.20	1.00	68	0	100 85 115

Qualifiers:										
#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range					
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit					
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: MB-R66075	SampleType: MBLK	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389855
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: MB-R66075	SampleType: MBLK	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389885
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: MB-R66075	SampleType: MBLK	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389911
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: LCS-R66075	SampleType: LCS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389866
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 120.4 20 106 0 114 78 122

Sample ID: LCS-R66075	SampleType: LCS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389886
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 110.8 20 106 0 104 78 122

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter		B	Analyte detected in the associated Method Blank		E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits		ND	Not Detected at the Reporting Limit	
	Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits		S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: LCS-R66075	SampleType: LCS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389912
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 122.6 20 106 0 116 78 122

Sample ID: U1110315-021CMS	SampleType: MS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: MW921A	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389913
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 50.67 20 50 0 101 60 140

Sample ID: U1110272-014CDUP	SampleType: DUP	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389919
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand ND 20

Sample ID: U1110315-021CDUP	SampleType: DUP	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: MW921A	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389908
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand ND 20

Sample ID: U1110316-003CDUP	SampleType: DUP	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389918
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand ND 20

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: COD

Sample ID: CCB	SamplType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389868
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SamplType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389864
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SamplType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389898
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SamplType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389910
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SamplType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389924
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Qualifiers:										
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range					
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit					
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits					

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: COD

Sample ID: CCV	SampleType: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389867
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 44.27 20 50 0 88.5 80 120

Sample ID: CCV	SampleType: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389883
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 46.49 20 50 0 93.0 80 120

Sample ID: CCV	SampleType: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389897
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 45.09 20 50 0 90.2 80 120

Sample ID: CCV	SampleType: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389909
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 43.99 20 50 0 88.0 80 120

Sample ID: CCV	SampleType: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389923
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Chemical Oxygen Demand 42.55 20 50 0 85.1 80 120

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter		B	Analyte detected in the associated Method Blank		E	Value above quantitation range	
	H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits		ND	Not Detected at the Reporting Limit	
	Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits		S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: ICB	Sample Type: ICB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389854
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand					
ND 20					
Sample ID: ICB	Sample Type: ICB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389853
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chemical Oxygen Demand	107.7	20	100	0	108 80 120

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NH3_W_AUTO

Sample ID: U1110315-021CMS	SampleType: MS	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: MW921A	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403569
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	4.600	0.500	5	0	92.0 90 110

Sample ID: U1110315-021CMSD	SampleType: MSD	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: MW921A	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403570
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	4.540	0.500	5	0	90.8 90 110 4.6 1.31 10

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403298
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403382
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403405
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NH3_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403472
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) ND 0.500

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403487
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) ND 0.500

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403499
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) ND 0.500

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403519
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) ND 0.500

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403533
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) ND 0.500

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NH3_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403566
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403593
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403271
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 14.70 0.500 15 0 98.0 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NH3_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403295
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 14.80 0.500 15 0 98.7 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403381
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.20 0.500 15 0 101 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403404
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.40 0.500 15 0 103 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403471
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.20 0.500 15 0 101 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403486
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.40 0.500 15 0 103 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NH3_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403498
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	15.30	0.500	15	0	102	90	110	
Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524			
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403518			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
					%RPD	RPDLimit	Qual	

Nitrogen, Ammonia (As N)		15.20	0.500	15	0	101	90	110	
Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524				
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B	Analysis Date: 11/1/2011	SeqNo: 1403531					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD RPDLimit Qual

Nitrogen, Ammonia (As N)		15.40	0.500	15	0	103	90	110	
Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524				
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B	Analysis Date: 11/1/2011	SeqNo: 1403544					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	15.10	0.500	15	0	101	90	110	
Sample ID: CCV	SamptType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524			
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403565			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val
					%RPD	RPDLimit	Qual	

Nitrogen, Ammonia (As N)	15.20	0.500	15	0	101	90	110

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403579
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 14.90 0.500 15 0 99.3 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403592
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.10 0.500 15 0 101 90 110

Sample ID: ICB	SampleType: ICB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) ND 0.500

Sample ID: ICB	SampleType: ICB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/11/2011	SeqNo: 1403270
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 3.840 0.500 3.39 0 113 70.5 129.4

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315

Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NO2_W

Sample ID: U1110315-021AMS	SampleType: MS	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: MW921A	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386025
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.100	0.0500	1	0	110 70 120

Sample ID: U1110315-021AMSD	SampleType: MSD	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: MW921A	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386026
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.110	0.0500	1	0	111 70 120 1.1 0.905 20

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385006
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.040	0.0500	1	0	104 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385928
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.100	0.0500	1	0	110 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385951
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.070	0.0500	1	0	107 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter			B	Analyte detected in the associated Method Blank			E	Value above quantitation range		
	H	Holding times for preparation or analysis exceeded			J	Analyte detected below quantitation limits			ND	Not Detected at the Reporting Limit		
	Q	Outlying QC recoveries were associated with this parameter			R	RPD outside accepted recovery limits			S	Spike Recovery outside accepted recovery limits		

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NO2_W

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385964
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.080	0.0500	1	0	108 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385977
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.090	0.0500	1	0	109 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385990
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.090	0.0500	1	0	109 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386000
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.100	0.0500	1	0	110 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1410174
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	0.9590	0.0500	1	0	95.9 90 110

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC

Work Order: U1110315

Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NO2_W

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412517
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Nitrogen, Nitrite (as N)	0.9310	0.0500	1	0	93.1 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412530
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Nitrogen, Nitrite (as N)	0.9480	0.0500	1	0	94.8 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Nitrogen, Nitrite (as N)	0.9320	0.0500	1	0	93.2 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412566
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Nitrogen, Nitrite (as N)	0.9640	0.0500	1	0	96.4 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412579
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Nitrogen, Nitrite (as N)	0.9470	0.0500	1	0	94.7 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NO2_W

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412595
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrite (as N) 0.9470 0.0500 1 0 94.7 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412563
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrite (as N) 0.9360 0.0500 1 0 93.6 90 110

Sample ID: NO2 ICV	SampleType: ICV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385003
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrite (as N) 0.5830 0.0500 0.5 0 117 85 115 S

Sample ID: NO2 ICV	SampleType: ICV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1410171
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrite (as N) 0.5110 0.0500 0.5 0 102 85 115

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NO3_W

Sample ID: U1110315-021AMMS	SampleType: MS	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: MW921A	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385986
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	8.690	0.0500	10	10.1	-14.1 35 125 S

Sample ID: U1110315-021AMSD	SampleType: MSD	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: MW921A	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385987
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	8.820	0.0500	10	10.1	-12.8 35 125 8.69 1.48 20 S

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385929
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385952
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385965
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NO3_W

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385978
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385981
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386001
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412518
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412531
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter			B	Analyte detected in the associated Method Blank			E	Value above quantitation range		
	H	Holding times for preparation or analysis exceeded			J	Analyte detected below quantitation limits			ND	Not Detected at the Reporting Limit		
	Q	Outlying QC recoveries were associated with this parameter			R	RPD outside accepted recovery limits			S	Spike Recovery outside accepted recovery limits		

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dimsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NO3_W

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412546
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412567
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412596
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412655
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NO3_W

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385005
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.670	0.0500	10	0	96.7 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385927
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.850	0.0500	10	0	98.5 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385950
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.830	0.0500	10	0	98.3 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385963
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.990	0.0500	10	0	99.9 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385976
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.920	0.0500	10	0	99.2 90 110

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: NO3_W

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385989
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.00	0.0500	10	0	100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385999
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.970	0.0500	10	0	99.7 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1410173
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.50	0.0500	10	0	105 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412516
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.60	0.0500	10	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412529
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.70	0.0500	10	0	107 90 110

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NO3_W

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412544
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.70	0.0500	10	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412565
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.80	0.0500	10	0	108 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412578
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.90	0.0500	10	0	109 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412593
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	11.00	0.0500	10	0	110 90 110

Sample ID: CCV	SampleType: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1412652
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.90	0.0500	10	0	109 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: NO3_W

Sample ID: ICB	SampleType: ICB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385004
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: ICB	SampleType: ICB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1410172
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) ND 0.0500

Sample ID: NO3 ICV	SampleType: ICV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385002
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) 17.00 0.0500 18.2 0 93.4 78.6 121.4

Sample ID: NO3 ICV	SampleType: ICV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 66767
Client ID: ZZZZZ	Batch ID: R66767	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 11/9/2011	SeqNo: 1410170
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Nitrate (as N) 3.850 0.0500 4 0 96.3 78.6 121.4

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS

Sample ID: MB-R66036	SampleType: MBLK	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66036
Client ID: ZZZZZ	Batch ID: R66036	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/15/2011	SeqNo: 1388698
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	ND	25			

Sample ID: MB-R66104	SampleType: MBLK	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: ZZZZZ	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390728
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	ND	25			

Sample ID: LCS-R66036	SampleType: LCS	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66036
Client ID: ZZZZZ	Batch ID: R66036	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/15/2011	SeqNo: 1388699
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	2025	25	2200	0	92.0 77.4 122.6

Sample ID: LCS-R66104	SampleType: LCS	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: ZZZZZ	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390729
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	2000	25	2200	0	90.9 77.4 122.6

Sample ID: U1110314-003ADUP	SampleType: DUP	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66036
Client ID: ZZZZZ	Batch ID: R66036	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/15/2011	SeqNo: 1388711
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	60.00	25			75 22.2 25

Qualifiers:	#	Accreditation not offered by NVS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: TDS

Sample ID: U1110323-001ADUP	SamptType: DUP	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66036
Client ID: ZZZZZ	Batch ID: R66036	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/15/2011	SeqNo: 1388719
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	410.0	25		397.5	3.10 25

Sample ID: U1110315-021ADUP	SamptType: DUP	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: MW921A	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390750
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	322.5	25		322.5	0 25

Sample ID: U1110316-003ADUP	SamptType: DUP	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: ZZZZZ	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390751
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	272.5	25		260	4.69 25

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Page 65 of 69

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsbor Landfill

ANALYTICAL QC SUMMARY REPORT

TestCode: TOC_W

Sample ID: U1110315-021DMS	SampleType: MS	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: MW921A	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405733
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 12.23 3.00 10 0 122 60 130

Sample ID: U1110272-014DDUP	SampleType: DUP	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405705
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00 0 0 15

Sample ID: U1110315-021DDUP	SampleType: DUP	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: MW921A	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405732
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00 0 0 15

Sample ID: U1110316-003DDUP	SampleType: DUP	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405738
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 3.030 3.00 0 200 15 R

Sample ID: CCB	SampleType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405692
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter		B	Analyte detected in the associated Method Blank	
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	
			S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: TOC_W

Sample ID: CCB	SampleType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405704
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCB	SampleType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405716
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCB	SampleType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405728
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCB	SampleType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405741
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCV	SampleType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/11/2011	SeqNo: 1405678
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 53.80 3.00 50 0 108 78 122

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: TOC_W

Sample ID: CCV	SampleType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405691
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 53.13 3.00 50 0 106 78 122

Sample ID: CCV	SampleType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405703
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 54.07 3.00 50 0 108 78 122

Sample ID: CCV	SampleType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405715
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 53.10 3.00 50 0 106 78 122

Sample ID: CCV	SampleType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405727
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 52.36 3.00 50 0 105 78 122

Sample ID: CCV	SampleType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405740
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 52.09 3.00 50 0 104 78 122

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter			B	Analyte detected in the associated Method Blank			E	Value above quantitation range		
H	Holding times for preparation or analysis exceeded				J	Analyte detected below quantitation limits			ND	Not Detected at the Reporting Limit		
Q	Outlying QC recoveries were associated with this parameter				R	RPD outside accepted recovery limits			S	Spike Recovery outside accepted recovery limits		

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110315
Project: Dinsber Landfill

ANALYTICAL QC SUMMARY REPORT
TestCode: TOC_W

Sample ID: ICB	SampleType: ICB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405680
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: ICB	SampleType: ICB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405679
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 48.17 3.00 43.5 0 111 83 118

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Chain of Custody Record

6034 Corporate Drive E. Syracuse New York 13057
Phone (315) 437 0255

Fax (315) 437 1209

Client:

Project #/ Project Name

APPLIED TESTING

DINSBIER LANDFILL

Client Contact

Phone #

Location (city/state) Address

JACK HEELY

(610) 313-3227

BRIDGEPORT, PA

Remarks

Sample ID

Date

Time

Matrix

Grab or Comp

ULI Internal Use Only

Number of Containers

Level II

DRS1

10/12/11

8:14:00 am

WATER

GRAB

1

5

X X X X X X X X X X

DRS2

10/12/11

9:09 am

WATER

GRAB

2

5

X X X X X X X X X X

DRD2

10/12/11

9:24 am

WATER

GRAB

3

5

X X X X X X X X X X

DRS3

10/12/11

12:03 am

WATER

GRAB

4

5

X X X X X X X X X X

DRS4

10/12/11

12:26 am

WATER

GRAB

5

5

X X X X X X X X X X

DRD4

10/12/11

12:40 am

WATER

GRAB

6

5

X X X X X X X X X X

DRS5

10/12/11

11:40 am

WATER

GRAB

7

0

X X X X X X X X X X

DRS6

10/12/11

10:51 am

WATER

GRAB

8

5

X X X X X X X X X X

DRD6

10/12/11

11:06 am

WATER

GRAB

9

5

X X X X X X X X X X

DRS7

10/12/11

10:18 am

WATER

GRAB

10

5

X X X X X X X X X X

DRD7

10/12/11

10:04 am

WATER

GRAB

11

5

X X X X X X X X X X

DRS8

10/12/11

9:39 am

WATER

GRAB

12

5

X X X X X X X X X X

CLG100

10/12/11

9:53 am

WATER

GRAB

13

0

X X X X X X X X X X

CLG914

10/12/11

12:18 pm

WATER

GRAB

14

5

X X X X X X X X X X

CLG916A

10/12/11

10:56 am

WATER

GRAB

15

5

X X X X X X X X X X

CLG916B

10/12/11

11:10 am

WATER

GRAB

16

5

X X X X X X X X X X

Parameter and Method

Sample bottle:

Type

Size

Preservative

Sampled by (Print) Dan Funnell

Name of Courier

1 BOD5,CL-,NO2,NO3,TDS

PLASTIC

2000 ML

NONE

Company: UL-I

Relinquished by: (sign)

Date

Received by: (sign)

2 COD, NH3

PLASTIC

500 ML

H2SO4

Relinquished by: (sign)

Date

Received by: (sign)

3 T-FE, MN, NA, K

PLASTIC

500 ML

HNO3

Relinquished by: (sign)

Date

Received by: (sign)

4 ALKALINITY

GLASS

250 ML

NONE

Relinquished by: (sign)

Date

Received by: (sign)

5 TOC

PLASTIC

120 ML

1:1 HCL

Relinquished by: (sign)

Date

Received by: (sign)

6 FIELD PH, TEMP, COND, TURB, EH, SWL

N/A

Relinquished by: (sign)

Date

Received by: (sign)

7

Relinquished by: (sign)

Date

Received by: (sign)

8

Relinquished by: (sign)

Date

Received by: (sign)

9

Relinquished by: (sign)

Date

Received by: (sign)

10

Relinquished by: (sign)

Date

Received by: (sign)

Syracuse

Rochester

Buffalo

Albany

Binghamton

Fair Lawn (NJ) 10/13/11 0830

11/25/11

Upstate Laboratories, Inc.

Chain of Custody Record

6034 Corporate Drive E. Syracuse New York 13057
Phone (315) 437 0255 Fax (315) 437 1209

Client: Project # Project Name

APPLIED TESTING

DINSBIER LANDFILL

Client Contact

Phone #

Location (city/state) Address

JACK HEELY

(610) 313-3227

BRIDGEPORT, PA

Sample ID

Date

Time

Matrix

Grab or Comp

UL Internal Use Only

Number of Containers
1 2 3 4 5 6 7 8 9 10

Remarks

Level II

CLG918A

10/12/11

11:54 am

WATER

GRAB

15

5 X X X X X X

CLG918B

10/12/11

12:09 pm

WATER

GRAB

16

5 X X X X X X

CLG919

10/12/11

11:25 am

WATER

GRAB

17

5 X X X X X X

CLG920A

10/12/11

10:32 am

WATER

GRAB

18

5 X X X X X X

MW911B

10/12/11

12:53 pm

WATER

GRAB

19

5 X X X X X X

MW912

10/11/11

7:05 pm

WATER

GRAB

20

5 X X X X X X

MW913

10/12/11

8:54 am

WATER

GRAB

21

5 X X X X X X

MW921A

10/12/11

1:07 pm

WATER

GRAB

22

5 X X X X X X

MW932

10/11/11

7:10 pm

WATER

GRAB

23

5 X X X X X X

MS/MSD

10/12/11

10:04 am

Water

Grab

24

5 X X X X X X

Dupe OKD-7

10/12/11

10:04 am

Water

Grab

25

5 X X X X X X

Parameter and Method

Sample bottle:

Type

Size

Preservative

Sampled by (Print) Dan Avella

Name of Courier

1 BOD5,CL-,NO2,NO3,TDS

PLASTIC

2000 ML

NONE

Company: 11-1

Received by: (sign)

2 COD,NH3

PLASTIC

500 ML

H2SO4

Relinquished by: (sign)

Date

3 T-FE,MN,NA,K

PLASTIC

500 ML

HNO3

Relinquished by: (sign)

Date

4 ALKALINITY

GLASS

250 ML

NONE

Relinquished by: (sign)

Date

5 TOC

PLASTIC

120 ML

1:1 HCL

Relinquished by: (sign)

Date

6 FIELD PH, TEMP,COND,TURB,EH,SWL

N/A

Relinquished by: (sign)

Date

7

Relinquished by: (sign)

Date

8

Relinquished by: (sign)

Date

9

Relinquished by: (sign)

Date

10

Relinquished by: (sign)

Date

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ) 10/3/11 0830

10/5/11

Laboratory Report
SDG U1110316-II

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209

Mailing: Box 169 * Syracuse, NY 13206

Albany (518) 459-3134 * Binghamton (607) 239-4413 * Buffalo (716) 972-0371

Rochester (866) 437-0255 * New Jersey (908) 581-4285

Mr. Jack Heely
Applied Testing and Geosciences, LLC
401 E. Fourth St., Bldg. 12-B
Bridgeport, PA 19405

November 8, 2011

RE: Analytical Report:
Dinsbier Landfill Surface Water

Order No.: U1110316

Dear Mr. Heely:

Upstate Laboratories, Inc. received 3 samples on 10/13/11 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

Samples were analyzed in accordance with the site-specific SAP and Laboratory Plan.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,
UPSTATE LABORATORIES, INC.


Anthony J. Scala
President/CEO

Enclosures (on DISK): cover letter, Case Narrative, Equipment Calibration Summary, field data, Level II QC, report, Analytical QC Summary Report, COC Record, EDD

cc:

K. Stock, Chautauqua County: copy cover letter, DISK

Confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209

Mailing: Box 169 * Syracuse, NY 13206

Albany (518) 459-3134 * Binghamton (607) 239-4413 * Buffalo (716) 972-0371

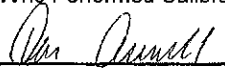
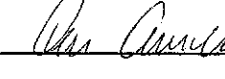
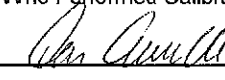
Rochester (866) 437-0255 * New Jersey (908) 581-4285

CASE NARRATIVE

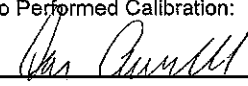
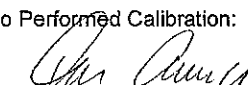
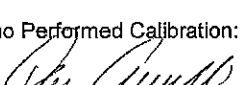
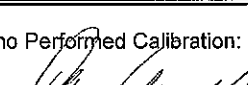
SDG - NA

<u>LOCATION</u>	<u>LAB ID</u>	<u>TYPE OF ANALYSIS</u>
CLS4	U1110316-001	Full Dinsbier List (modified Routine)
CLS5	U1110316-002	Full Dinsbier List (modified Routine)
CLS6	U1110316-003	Full Dinsbier List (modified Routine)

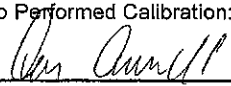
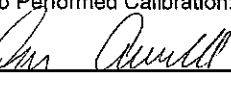
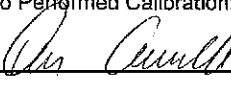
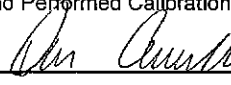
Equipment Calibration Summary

Date of Calibration	Instrument Description	Results of Calibration			Signature and Title of Representative
10/7/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	3.99	4.00	COMPANY
	Location/Description:	pH 7	6.99	7.00	UPSTATE LABS
	Ellery LF	pH 10	9.98	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/10/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	4.02	4.00	COMPANY
	Location/Description:	pH 7	7.02	7.00	UPSTATE LABS
	South Stockton LF Ellery LF	pH 10	10.04	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/11/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	4.04	4.00	COMPANY
	Location/Description:	pH 7	7.03	7.00	UPSTATE LABS
	South Stockton LF Dinsbier LF	pH 10	10.04	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/12/2011	Instrument Type: IQ180GLP		As Found	As Left	Who Performed Calibration:
	(pH/Flow):				
	PH METER	pH 4	4.03	4.00	COMPANY
	Location/Description:	pH 7	7.03	7.00	UPSTATE LABS
	Dinsbier LF Harmony LF	pH 10	10.05	10.00	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.

Equipment Calibration Summary

Date of Calibration	Instrument Description	Results of Calibration			Signature and Title of Representative
10/7/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration:
					
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	107.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1020.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10097.00	10000.00	Technician: (print)
	Ellery LF	Comments:			DAN AUMELL
					Field Tech.
10/10/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration:
					
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	106.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1015.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10111.00	10000.00	Technician: (print)
	South Stockton LF	Comments:			DAN AUMELL
	Ellery LF				Title of Technician:
					Field Tech.
10/11/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration:
					
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	103.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1013.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10089.00	10000.00	Technician: (print)
	South Stockton LF	Comments:			DAN AUMELL
	Dinsbier LF				Title of Technician:
					Field Tech.
10/12/2011	Instrument Type: IQ180		As Found	As Left	Who Performed Calibration:
					
	SPECIFIC CONDUCTIVITY	COND. 100 ms/cm	106.00	100.00	COMPANY
	Location/Description:	COND. 1000 ms/cm	1008.00	1000.00	UPSTATE LABS
		COND. 10000 ms/cm	10071.00	10000.00	Technician: (print)
	Dinsbier LF	Comments:			DAN AUMELL
	Harmony LF				Title of Technician:
					Field Tech.

Equipment Calibration Summary

Date of Calibration	Instrument Description	Results of Calibration			Signature and Title of Representative
10/7/2011	Instrument Type:		As Found	As Left	Who Performed Calibration:
	HANNA TURB. METER	0.1 NTU	0.09	0.1	 COMPANY
	Location/Description:	15 NTU	15.94	15	UPSTATE LABS
	Ellery LF	100 NTU	98.1	100	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/10/2011	Instrument Type:		As Found	As Left	Who Performed Calibration:
	HANNA TURB. METER	0.1 NTU	0.14	0.1	 COMPANY
	Location/Description:	15 NTU	14.55	15	UPSTATE LABS
	South Stockton LF Ellery LF	100 NTU	96.1	100	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/11/2011	Instrument Type:		As Found	As Left	Who Performed Calibration:
	HANNA TURB. METER	0.1 NTU	0.15	0.1	 COMPANY
	Location/Description:	15 NTU	16.90	15	UPSTATE LABS
	South Stockton LF Dinsbier LF	100 NTU	106.0	100	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.
10/12/2011	Instrument Type:		As Found	As Left	Who Performed Calibration:
	HANNA TURB. METER	0.1 NTU	0.17	0.1	 COMPANY
	Location/Description:	15 NTU	16.70	15	UPSTATE LABS
	Dinsbier LF Harmony LF	100 NTU	104.0	100	Technician: (print)
		Comments:			DAN AUMELL
					Title of Technician: Field Tech.

Upstate Laboratories, Inc.

FILE:TS-40-01 REVISED: 01/01

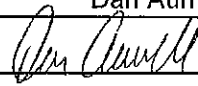
Tap Water / Surface Water / Wastewater Field Log

Client: APPLIED TESTING

Project: DINSBIER LANDFILL

Date: 10/12/2011

Sampler (print): Dan Aumell

Signature: 

Location CLS-4

EH 112

TEMPERATURE 16.1 °C

PH 8.14 STD. UNITS

SPEC. COND. 293 UMHOS/CM

TURBIDITY 7.52 NTU

CHLORINE RES. N/A MG/L Cl₂

SULFITE N/A MG/L

DIS.OXYGEN 10.38 MG/L

TIME SAMPLED 1:34 PM ULI ID. NO.

WEATHER CONDITION: 66° F Rain

APPEARANCE / OBSERVATIONS Clear

Location CLS-5

EH 114

TEMPERATURE 16.6 °C

PH 8.03 STD. UNITS

SPEC. COND. 519 UMHOS/CM

TURBIDITY 3.93 NTU

CHLORINE RES. N/A MG/L Cl₂

SULFITE N/A MG/L

DIS.OXYGEN 9.03 MG/L

TIME SAMPLED 1:21 PM ULI ID. NO.

WEATHER CONDITION: 66° F Rain

APPEARANCE / OBSERVATIONS Clear

Location CLS-6

EH 76

TEMPERATURE 17.0 °C

PH 7.98 STD. UNITS

SPEC. COND. 356 UMHOS/CM

TURBIDITY 1.17 NTU

CHLORINE RES. N/A MG/L Cl₂

SULFITE N/A MG/L

DIS.OXYGEN 9.86 MG/L

TIME SAMPLED 10:40 AM ULI ID. NO.

WEATHER CONDITION: 66° F Cloudy

APPEARANCE / OBSERVATIONS Clear

Location

EH

TEMPERATURE °C OR °F

PH STD. UNITS

SPEC. COND. UMHOS/CM

TURBIDITY NTU

CHLORINE RES. MG/L Cl₂

SULFITE MG/L

DIS.OXYGEN MG/L

TIME SAMPLED ULI ID. NO.

WEATHER CONDITION:

APPEARANCE / OBSERVATIONS

Upstate Laboratories, Inc.

6034 Corporate Drive
East Syracuse, New York 13057-1017

Quality Control Report

Report Number: U1110316

Project:

Dinsbier Landfill Surface Water
Bridgeport, PA

Prepared for:

Mr. Jack Heely
Applied Testing and Geosciences, LLC
401 E. Fourth St., Bldg. 12-B
Bridgeport, PA 19405

Samples Collected:

October 12, 2011

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

[illegible]

The total number of pages in this data package is: 4

Narrative

1.0 Summary

This report presents the quality control results for three water sample locations collected from Dinsbier Landfill Surface Water project, Bridgeport, Pennsylvania. The samples were analyzed for the parameters listed in Section 3.0, below.

2.0 Chain of Custody

The samples were collected by Upstate Laboratories, Inc. personnel on October 12, 2011, and hand delivered to Upstate Laboratories, Inc., Syracuse, New York. The Chain of Custody documentation is presented in Report # U1110316.

3.0 Methodology

The analyses were performed using test methods developed by the USEPA under the Resource Conservation & Recovery Act (RCRA) and the Clean Water Act (CWA). The specific method numbers are:

<u>Parameter</u>	<u>Method</u>	<u>Reference</u>
Iron	200.7	(1)
Manganese	200.7	(1)
Potassium	200.7	(1)
Sodium	200.7	(1)
Alkalinity, Total	310.2	(1)
Ammonia-Nitrogen	10-107-06-1B	(1)
BOD	SM 5210B	(1)
Chloride	10-117-07-1A	(1)
TDS	SM 2540C	(1)
Nitrite	10-107-04-1C	(1)
Nitrate	10-107-04-1C	(1)
COD	410.4	(1)
TOC	SM 5310B	(1)

Reference:

(1) Methods for the Chemical Analysis of Water and Waste", USEPA, Environmental Monitoring Systems Laboratory, Cincinnati, EPA 600/4-79-020, revised March 1993

4.0 Quality Control

Quality control data includes method blanks, reference samples, matrix spikes, duplicates and surrogate recoveries. The association of QC data with sample data is made through the use of the "File No." found on both the final report pages and the QC summary pages.

5.0 Internal Validation

The following observations are offered:

Trace Metals

Holding Time : Criteria were satisfied.

Calibration : The initial and final CRDL Standard recoveries for Manganese were above QC acceptance limits for analytical sequence R65968. The ICV recovery for Manganese was slightly above QC acceptance limits for analytical sequence R66257. All other criteria were satisfied.

Method Blanks : Iron was detected at concentrations above the PQL but below the CRDL in CCB1, CCB4 and CCB5 for analytical sequence R65968. Sodium was detected at a concentration above the CRDL in analytical sequence R66257. All other criteria were satisfied.

Reference Samples : Criteria were satisfied.

Matrix Spike : Criteria were satisfied.

Duplicate : Criteria were satisfied.

Wet Chemistry

Holding Time : Criteria were satisfied.

Calibration : The ICV recovery for Total Alkalinity was above QC acceptance limits for analytical sequence R66239. The ICV recovery for Nitrite was above QC acceptance limits for analytical sequence R65921. All other criteria were satisfied.

Method Blanks : Total Alkalinity was detected at concentrations above the CRDL in several CCBs for analytical sequence R66239. All other criteria were satisfied.

Reference Samples : Criteria were satisfied.

MS/MSD : The MS recovery for TOC was above QC acceptance limits for the MS performed on sample location CLS6. All other criteria were satisfied.

Duplicate : Criteria were satisfied.

I certify that this data package is in compliance with the terms and conditions of the Contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and/or in the computer-readable data submitted on floppy diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

Approved Anthony J. Scala
Anthony J. Scala, Director

Upstate Laboratories, Inc.

Analytical Report

Date: 08-Nov-11

CLIENT: Applied Testing and Geosciences, LLC

Client Sample ID: CLS4

Lab Order: U1110316

Collection Date: 10/12/2011 1:34:00 PM

Project: Dinsbier Landfill Surface Water

Lab ID: U1110316-001

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS			FIELD		Analyst:	
Conductivity	293	1.0		umhos/cm		10/12/2011 1:34:00 PM
Dissolved Oxygen	10.38	0.10		mg/L		10/12/2011 1:34:00 PM
Eh	112	-300		mV		10/12/2011 1:34:00 PM
pH	8.14	2-12.5		SU		10/12/2011 1:34:00 PM
Temperature	16.1			°C		10/12/2011 1:34:00 PM
Turbidity	8.14	5.0		NTU		10/12/2011 1:34:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005			200.7WT	(E200.7)	Analyst: DEB	
Iron	0.26	0.030	Q	mg/L	1	10/15/2011 12:18:14 PM
Manganese	0.23	0.020		mg/L	1	10/15/2011 12:18:14 PM
Potassium	0.88	0.50		mg/L	1	10/15/2011 12:18:14 PM
Sodium	16	0.50		mg/L	1	10/15/2011 12:18:14 PM
ALKALINITY BY EPA 310.2			ALK_W_AUTO	Analyst: KLS		
Alkalinity, Total (As CaCO3)	98	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)			BOD	Analyst: CAS		
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A			CL_W_AUTO	Analyst: KLS		
Chloride	28.1	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0			COD	Analyst: KLS		
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B			NH3_W_AUTO	Analyst: GWL		
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C			NO2_W	Analyst: SAB		
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C			NO3_W	Analyst: SAB		
Nitrogen, Nitrate (as N)	0.134	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)			TDS	Analyst: SAB		
Residue, Dissolved (TDS)	220	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)			TOC_W	Analyst: BY		
Organic Carbon, Total	3.2	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-8-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 08-Nov-11

CLIENT: Applied Testing and Geosciences, LLC

Client Sample ID: CLS5

Lab Order: U1110316

Collection Date: 10/12/2011 1:21:00 PM

Project: Dinsbier Landfill Surface Water

Lab ID: U1110316-002

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
Conductivity	519	1.0		umhos/cm		Analyst: 10/12/2011 1:21:00 PM
Dissolved Oxygen	9.03	0.10		mg/L		10/12/2011 1:21:00 PM
Eh	114	-300		mV		10/12/2011 1:21:00 PM
pH	8.03	2-12.5		SU		10/12/2011 1:21:00 PM
Temperature	16.6			°C		10/12/2011 1:21:00 PM
Turbidity	3.93	5.0		NTU		10/12/2011 1:21:00 PM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
			200.7WT	(E200.7)		Analyst: DEB
Iron	0.20	0.030	Q	mg/L	1	10/15/2011 12:22:55 PM
Manganese	0.070	0.020		mg/L	1	10/15/2011 12:22:55 PM
Potassium	2.4	0.50		mg/L	1	10/15/2011 12:22:55 PM
Sodium	18	0.50		mg/L	1	10/15/2011 12:22:55 PM
ALKALINITY BY EPA 310.2						
Alkalinity, Total (As CaCO3)	230	10		mg/L	1	Analyst: KLS 10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
Biochemical Oxygen Demand	ND	4.0		mg/L	1	Analyst: CAS 10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
Chloride	13.3	1.00		mg/L	1	Analyst: KLS 10/21/2011
COD BY EPA 410.4 REV. 2.0						
Chemical Oxygen Demand	ND	20		mg/L	1	Analyst: KLS 10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	Analyst: GWL 11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
Nitrogen, Nitrate (as N)	0.079	0.050		mg/L	1	Analyst: SAB 10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
Residue, Dissolved (TDS)	370	25		mg/L	1	Analyst: SAB 10/18/2011
TOC BY SM 18-21 5310B (00)						
Organic Carbon, Total	3.6	3.0		mg/L	1	Analyst: BY 11/1/2011

Approved By: PH

Date: 11-8-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Analytical Report

Date: 08-Nov-11

CLIENT: Applied Testing and Geosciences, LLC

Client Sample ID: CLS6

Lab Order: U1110316

Collection Date: 10/12/2011 10:40:00 AM

Project: Dinsbier Landfill Surface Water

Lab ID: U1110316-003

Matrix: WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS						
				FIELD		Analyst:
Conductivity	356	1.0		umhos/cm		10/12/2011 10:40:00 AM
Dissolved Oxygen	9.86	0.10		mg/L		10/12/2011 10:40:00 AM
Eh	76	-300		mV		10/12/2011 10:40:00 AM
pH	7.98	2-12.5		SU		10/12/2011 10:40:00 AM
Temperature	17.0			°C		10/12/2011 10:40:00 AM
Turbidity	1.17	5.0		NTU		10/12/2011 10:40:00 AM
ICP METALS, TOTALS BY NYSDEC ASP 2005						
				200.7WT	(E200.7)	Analyst: ALW
Iron	0.54	0.030		mg/L	1	10/24/2011 6:36:29 PM
Manganese	0.090	0.020	Q	mg/L	1	10/24/2011 6:36:29 PM
Potassium	1.3	0.50		mg/L	1	10/24/2011 6:36:29 PM
Sodium	18	0.50		mg/L	1	10/24/2011 6:36:29 PM
ALKALINITY BY EPA 310.2						
				ALK_W_AUTO		Analyst: KLS
Alkalinity, Total (As CaCO3)	120	10		mg/L	1	10/21/2011
BOD, 5 DAY BY SM 18-20 5210B (01)						
				BOD		Analyst: CAS
Biochemical Oxygen Demand	ND	4.0		mg/L	1	10/13/2011 11:15:00 AM
CHLORIDE WATERS BY LACHAT 10-117-07-1 A						
				CL_W_AUTO		Analyst: KLS
Chloride	27.5	1.00		mg/L	1	10/21/2011
COD BY EPA 410.4 REV. 2.0						
				COD		Analyst: KLS
Chemical Oxygen Demand	ND	20		mg/L	1	10/19/2011
NH3 BY LACHAT 10-107-06-1-B						
				NH3_W_AUTO		Analyst: GWL
Nitrogen, Ammonia (As N)	ND	0.500		mg/L	1	11/1/2011
NITROGEN, NITRITE (AS N) BY LACHAT 10-107-04-1C						
				NO2_W		Analyst: SAB
Nitrogen, Nitrite (as N)	ND	0.050		mg/L	1	10/13/2011 1:06:00 PM
NITROGEN, NITRATE (AS N) BY LACHAT 10-107-04-1C						
				NO3_W		Analyst: SAB
Nitrogen, Nitrate (as N)	0.167	0.050		mg/L	1	10/13/2011 1:06:00 PM
TDS BY SM 18-21 2540C (97)						
				TDS		Analyst: SAB
Residue, Dissolved (TDS)	260	25		mg/L	1	10/18/2011
TOC BY SM 18-21 5310B (00)						
				TOC_W		Analyst: BY
Organic Carbon, Total	ND	3.0		mg/L	1	11/1/2011

Approved By: PH

Date: 11-8-11

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Qualifiers: # Accreditation not offered by NYS DOH for this parameter
** Value exceeds Maximum Contaminant Value
E Value above quantitation range
J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this parameter

* Low Level
B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
 Work Order: U1110316

ANALYTICAL QC SUMMARY REPORT

Project: Dinsbier Landfill Surface Water

TestCode: 200.7WT

Sample ID: MB-29683	SampleType: MBLK	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: ZZZZZ	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386515
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	0.030				
Manganese	ND	0.020				
Potassium	ND	0.50				
Sodium	ND	0.50				

Sample ID: MB-29685	SampleType: MBLK	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66257
Client ID: ZZZZZ	Batch ID: 29685	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/24/2011	SeqNo: 1395042
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	ND	0.030				
Manganese	ND	0.020				
Potassium	ND	0.50				
Sodium	ND	0.50				

Sample ID: LCS-29683	SampleType: LCS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: ZZZZZ	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386516
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	21.58	0.030	22	0	98.1	80 120
Manganese	2.061	0.020	2	0	103	80 120
Potassium	45.53	0.50	40	0	114	80 120
Sodium	52.75	0.50	52	0	101	80 120

Sample ID: LCS-29685	SampleType: LCS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66257
Client ID: ZZZZZ	Batch ID: 29685	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/24/2011	SeqNo: 1395043
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	21.58	0.030	22	0	98.1	80 120

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: LCS-29685	SampleType: LCS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66257
Client ID: ZZZZZ	Batch ID: 29685	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/24/2011	SeqNo: 1386043
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Manganese	2.208	0.020	2	0	110	80 120
Potassium	48.11	0.50	40	0	120	80 120
Sodium	115.9	0.50	102	0.428	113	80 120

Sample ID: U1110316-003EMS	SampleType: MS	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66257
Client ID: CLS6	Batch ID: 29685	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/24/2011	SeqNo: 1385046
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	20.82	0.030	22	0.537	92.2	75 125
Manganese	2.124	0.020	2	0.09002	102	75 125
Potassium	50.59	0.50	40	1.255	123	75 125
Sodium	128.4	0.50	109	18.49	101	75 125

Sample ID: U1110315-015EDUP	SampleType: DUP	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: ZZZZZ	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386518
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	0.4996	0.030				0.3257 42.1 20 R
Manganese	0.02771	0.020				0.01737 45.9 20 R
Potassium	1.343	0.50				1.306 2.86 20
Sodium	6.577	0.50				6.841 3.94 20

Sample ID: U1110315-021EDUP	SampleType: DUP	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 65968
Client ID: ZZZZZ	Batch ID: 29683	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/15/2011	SeqNo: 1386530
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Iron	0.03469	0.030				0.04929 34.8 20 R
Manganese	ND	0.020				0.008292 0 20
Potassium	1.809	0.50				1.929 6.42 20
Sodium	9.993	0.50				10.5 4.99 20

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: U1110316-003EDUP	SampleType: DUP	TestCode: 200.7WT	(200.7TPR)	Units: mg/L	Prep Date: 10/14/2011	RunNo: 66257					
Client ID: CLS6	Batch ID: 29685	TestName: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/24/2011	SeqNo: 1395045					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Iron	0.5210	0.030						0.537	3.03	20	
Manganese	0.08990	0.020						0.09002	0.142	20	
Potassium	1.170	0.50						1.255	7.00	20	
Sodium	16.38	0.50						18.49	12.1	20	

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386514						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	ND	0.50									
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	0.06092	0.030									
Lead	ND	0.10									
Magnesium	ND	0.50									
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	ND	0.50									
Vanadium	ND	0.30									
Zinc	ND	0.010									

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386527
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050							
Barium	ND	0.30							
Beryllium	ND	0.0050							
Boron	ND	0.50							
Cadmium	ND	0.0050							
Calcium	ND	0.50							
Chromium	ND	0.050							
Cobalt	ND	0.050							
Copper	ND	0.020							
Iron	ND	0.030							
Lead	ND	0.10							
Magnesium	ND	0.50							
Manganese	ND	0.020							
Nickel	ND	0.030							
Potassium	ND	0.50							
Silver	ND	0.050							
Sodium	ND	0.50							
Vanadium	ND	0.30							
Zinc	ND	0.010							

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050							
Barium	ND	0.30							
Beryllium	ND	0.0050							
Boron	ND	0.50							
Cadmium	ND	0.0050							
Calcium	ND	0.50							

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386560
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Iron	0.05919	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	SamplType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386560
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30
Zinc ND 0.010

Sample ID: CCB	SamplType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum ND 0.050
Barium ND 0.30
Beryllium ND 0.0050
Boron ND 0.50
Cadmium ND 0.0050
Calcium ND 0.50
Chromium ND 0.050
Cobalt ND 0.050
Copper ND 0.020
Iron 0.03955 0.030
Lead ND 0.10
Magnesium ND 0.50
Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Zinc ND 0.010

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395014
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395026
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	ND	0.050			
Barium	ND	0.30			

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395026
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Beryllium	ND	0.0050			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	Sample Type: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395040
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Splice Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395040
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30
Zinc ND 0.010

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395051
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum ND 0.050
Barium ND 0.30
Beryllium ND 0.0050
Cadmium ND 0.0050
Calcium ND 0.50
Chromium ND 0.050
Copper ND 0.020
Iron ND 0.030
Lead ND 0.10
Magnesium ND 0.50
Manganese ND 0.020
Nickel ND 0.030
Potassium ND 0.50
Silver ND 0.050
Sodium ND 0.50
Vanadium ND 0.30
Zinc ND 0.010

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395067
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	0.6535	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: CCB	SampleType: CCB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386513
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.73	0.050	16	0	98.3	90	110
Barium	15.90	0.30	16	0	99.3	90	110
Beryllium	0.3949	0.0050	0.4	0	98.7	90	110
Boron	4.954	0.50	5	0	99.1	90	110
Cadmium	0.9770	0.0050	1	0	97.7	90	110
Calcium	19.83	0.50	20	0	99.1	90	110
Chromium	0.7844	0.050	0.8	0	98.0	90	110
Cobalt	3.851	0.050	4	0	96.3	90	110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386513					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Copper	1.964	0.020	2	0	98.2	90	110				
Iron	7.881	0.030	8	0	98.5	90	110				
Lead	1.989	0.10	2	0	99.4	90	110				
Magnesium	19.55	0.50	20	0	97.8	90	110				
Manganese	1.203	0.020	1.2	0	100	90	110				
Nickel	3.140	0.030	3.2	0	98.1	90	110				
Potassium	20.32	0.50	20	0	102	90	110				
Silver	0.8286	0.050	0.8	0	104	90	110				
Sodium	19.78	0.50	20	0	98.9	90	110				
Vanadium	3.987	0.30	4	0	99.7	90	110				
Zinc	1.560	0.010	1.6	0	97.5	90	110				

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	SeqNo: 1386526				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	15.81	0.050	16	0	98.8	90	110				
Barium	16.01	0.30	16	0	100	90	110				
Beryllium	0.3972	0.0050	0.4	0	99.3	90	110				
Boron	4.952	0.50	5	0	99.0	90	110				
Cadmium	0.9800	0.0050	1	0	98.0	90	110				
Calcium	20.17	0.50	20	0	101	90	110				
Chromium	0.7890	0.050	0.8	0	98.6	90	110				
Cobalt	3.862	0.050	4	0	96.5	90	110				
Copper	1.972	0.020	2	0	98.6	90	110				
Iron	7.901	0.030	8	0	98.8	90	110				
Lead	2.009	0.10	2	0	100	90	110				
Magnesium	19.61	0.50	20	0	98.0	90	110				
Manganese	1.214	0.020	1.2	0	101	90	110				
Nickel	3.163	0.030	3.2	0	98.8	90	110				

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386526
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Potassium	20.35	0.50	20	0	102 90 110
Silver	0.8327	0.050	0.8	0	104 90 110
Sodium	19.84	0.50	20	0	99.2 90 110
Vanadium	4.017	0.30	4	0	100 90 110
Zinc	1.565	0.010	1.6	0	97.8 90 110

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386544
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual
Aluminum	15.76	0.050	16	0	98.5 90 110
Barium	15.98	0.30	16	0	99.9 90 110
Beryllium	0.3960	0.0050	0.4	0	99.0 90 110
Boron	4.937	0.50	5	0	98.7 90 110
Cadmium	0.9729	0.0050	1	0	97.3 90 110
Calcium	19.78	0.50	20	0	98.9 90 110
Chromium	0.7817	0.050	0.8	0	97.7 90 110
Cobalt	3.821	0.050	4	0	95.5 90 110
Copper	1.965	0.020	2	0	98.3 90 110
Iron	7.923	0.030	8	0	99.0 90 110
Lead	1.988	0.10	2	0	99.4 90 110
Magnesium	19.51	0.50	20	0	97.5 90 110
Manganese	1.214	0.020	1.2	0	101 90 110
Nickel	3.136	0.030	3.2	0	98.0 90 110
Potassium	20.25	0.50	20	0	101 90 110
Silver	0.8318	0.050	0.8	0	104 90 110
Sodium	19.69	0.50	20	0	98.4 90 110
Vanadium	4.008	0.30	4	0	100 90 110
Zinc	1.555	0.010	1.6	0	97.2 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386559						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	15.76	0.050	16	0	98.5	90	110				
Barium	15.98	0.30	16	0	99.8	90	110				
Beryllium	0.3957	0.0050	0.4	0	98.9	90	110				
Boron	4.935	0.50	5	0	98.7	90	110				
Cadmium	0.9829	0.0050	1	0	98.3	90	110				
Calcium	19.91	0.50	20	0	99.6	90	110				
Chromium	0.7900	0.050	0.8	0	98.7	90	110				
Cobalt	3.861	0.050	4	0	96.5	90	110				
Copper	1.966	0.020	2	0	98.3	90	110				
Iron	8.030	0.030	8	0	100	90	110				
Lead	2.002	0.10	2	0	100	90	110				
Magnesium	19.53	0.50	20	0	97.7	90	110				
Manganese	1.214	0.020	1.2	0	101	90	110				
Nickel	3.163	0.030	3.2	0	98.8	90	110				
Potassium	20.20	0.50	20	0	101	90	110				
Silver	0.8300	0.050	0.8	0	104	90	110				
Sodium	19.98	0.50	20	0	99.9	90	110				
Vanadium	4.005	0.30	4	0	100	90	110				
Zinc	1.571	0.010	1.6	0	98.2	90	110				

Sample ID: CCV	Sample Type: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386580						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	15.90	0.050	16	0	99.4	90	110				
Barium	16.01	0.30	16	0	100	90	110				
Beryllium	0.3975	0.0050	0.4	0	99.4	90	110				
Boron	4.979	0.50	5	0	99.6	90	110				
Cadmium	1.003	0.0050	1	0	100	90	110				
Calcium	20.29	0.50	20	0	101	90	110				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chromium	0.7977	0.050	0.8	0	99.7 90 110
Cobalt	3.960	0.050	4	0	99.0 90 110
Copper	1.975	0.020	2	0	98.8 90 110
Iron	7.996	0.030	8	0	99.9 90 110
Lead	2.018	0.10	2	0	101 90 110
Magnesium	20.05	0.50	20	0	100 90 110
Manganese	1.203	0.020	1.2	0	100 90 110
Nickel	3.182	0.030	3.2	0	99.4 90 110
Potassium	20.09	0.50	20	0	100 90 110
Silver	0.8260	0.050	0.8	0	103 90 110
Sodium	19.79	0.50	20	0	98.9 90 110
Vanadium	3.987	0.30	4	0	99.7 90 110
Zinc	1.610	0.010	1.6	0	101 90 110

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395013
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	15.74	0.050	16	0	98.4 90 110
Barium	16.08	0.30	16	0	101 90 110
Beryllium	0.3962	0.0050	0.4	0	99.1 90 110
Cadmium	0.9981	0.0050	1	0	99.8 90 110
Calcium	20.14	0.50	20	0	101 90 110
Chromium	0.8070	0.050	0.8	0	101 90 110
Copper	1.978	0.020	2	0	98.9 90 110
Iron	7.972	0.030	8	0	99.7 90 110
Lead	2.020	0.10	2	0	101 90 110
Magnesium	19.79	0.50	20	0	98.9 90 110
Manganese	1.206	0.020	1.2	0	101 90 110
Nickel	3.232	0.030	3.2	0	101 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCV	SamplType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395013
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Potassium	19.81	0.50	20	0	99.0 90 110
Silver	0.7974	0.050	0.8	0	99.7 90 110
Sodium	19.48	0.50	20	0	97.4 90 110
Vanadium	3.989	0.30	4	0	99.7 90 110
Zinc	1.623	0.010	1.6	0	101 90 110

Sample ID: CCV	SamplType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395025
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	15.63	0.050	16	0	97.7 90 110
Barium	16.11	0.30	16	0	101 90 110
Beryllium	0.3948	0.0050	0.4	0	98.7 90 110
Cadmium	0.9830	0.0050	1	0	98.3 90 110
Calcium	19.52	0.50	20	0	97.6 90 110
Chromium	0.8000	0.050	0.8	0	100 90 110
Copper	1.961	0.020	2	0	98.0 90 110
Iron	7.961	0.030	8	0	99.5 90 110
Lead	2.016	0.10	2	0	101 90 110
Magnesium	19.57	0.50	20	0	97.8 90 110
Manganese	1.194	0.020	1.2	0	99.5 90 110
Nickel	3.219	0.030	3.2	0	101 90 110
Potassium	19.59	0.50	20	0	97.9 90 110
Silver	0.7955	0.050	0.8	0	99.4 90 110
Sodium	19.26	0.50	20	0	96.3 90 110
Vanadium	3.992	0.30	4	0	99.8 90 110
Zinc	1.604	0.010	1.6	0	100 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CCV	SamplType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/24/2011	SeqNo: 1395039	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.58	0.050	16	0	97.4	90	110		
Barium	16.07	0.30	16	0	100	90	110		
Beryllium	0.3917	0.0050	0.4	0	97.9	90	110		
Cadmium	0.9717	0.0050	1	0	97.2	90	110		
Calcium	19.27	0.50	20	0	96.3	90	110		
Chromium	0.7951	0.050	0.8	0	99.4	90	110		
Copper	1.944	0.020	2	0	97.2	90	110		
Iron	7.884	0.030	8	0	98.5	90	110		
Lead	2.004	0.10	2	0	100	90	110		
Magnesium	19.47	0.50	20	0	97.3	90	110		
Manganese	1.191	0.020	1.2	0	99.2	90	110		
Nickel	3.195	0.030	3.2	0	99.8	90	110		
Potassium	19.85	0.50	20	0	99.2	90	110		
Silver	0.7904	0.050	0.8	0	98.8	90	110		
Sodium	19.23	0.50	20	0	96.2	90	110		
Vanadium	3.959	0.30	4	0	99.0	90	110		
Zinc	1.607	0.010	1.6	0	100	90	110		

Sample ID: CCV	SamplType: CCV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/24/2011	SeqNo: 1395050	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	15.61	0.050	16	0	97.5	90	110		
Barium	16.26	0.30	16	0	102	90	110		
Beryllium	0.3950	0.0050	0.4	0	98.7	90	110		
Cadmium	0.9781	0.0050	1	0	97.8	90	110		
Calcium	19.16	0.50	20	0	95.8	90	110		
Chromium	0.8015	0.050	0.8	0	100	90	110		
Copper	1.950	0.020	2	0	97.5	90	110		
Iron	7.922	0.030	8	0	99.0	90	110		

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L				Prep Date:	RunNo: 66257			
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005					Analysis Date: 10/24/2011	SeqNo: 1395050			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2.024	0.10	2	0	101	90	110				
Magnesium	19.43	0.50	20	0	97.1	90	110				
Manganese	1.187	0.020	1.2	0	98.9	90	110				
Nickel	3.226	0.030	3.2	0	101	90	110				
Potassium	20.16	0.50	20	0	101	90	110				
Silver	0.7960	0.050	0.8	0	99.5	90	110				
Sodium	19.36	0.50	20	0	96.8	90	110				
Vanadium	4.001	0.30	4	0	100	90	110				
Zinc	1.618	0.010	1.6	0	101	90	110				

Sample ID: CCV	SampleType: CCV	TestCode: 200.7WT	Units: mg/L				Prep Date:	RunNo: 66257			
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005					Analysis Date: 10/24/2011	SeqNo: 1395066			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	15.87	0.050	16	0	99.2	90	110				
Barium	16.24	0.30	16	0	102	90	110				
Beryllium	0.3954	0.0050	0.4	0	98.9	90	110				
Cadmium	0.9939	0.0050	1	0	99.4	90	110				
Calcium	19.84	0.50	20	0	99.2	90	110				
Chromium	0.8105	0.050	0.8	0	101	90	110				
Copper	1.975	0.020	2	0	98.8	90	110				
Iron	8.035	0.030	8	0	100	90	110				
Lead	2.044	0.10	2	0	102	90	110				
Magnesium	20.00	0.50	20	0	100	90	110				
Manganese	1.232	0.020	1.2	0	103	90	110				
Nickel	3.226	0.030	3.2	0	101	90	110				
Potassium	19.90	0.50	20	0	99.5	90	110				
Silver	0.7870	0.050	0.8	0	98.4	90	110				
Sodium	20.43	0.50	20	0	102	90	110				
Vanadium	3.942	0.30	4	0	98.6	90	110				

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

TestCode: 200.7WT

Sample ID: CCV	Sample Type: CCV	Test Code: 200.7WT	Units: mg/L	Prep Date:	Run No: 66257
Client ID: ZZZZZ	Batch ID: R66257	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	Seq No: 1395066
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPD Limit Qual
Zinc	1.672	0.010	1.6	0	105 90 110

Sample ID: CRI	Sample Type: CRI	Test Code: 200.7WT	Units: mg/L	Prep Date:	Run No: 65968
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	Seq No: 1386512
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
					Low Limit
					High Limit
					RPD Ref Val
					%RPD
					RPD Limit
					Qual

[illegible]

Sample ID: CRI	SampleType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: JCP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386537						
Analyte	Result	POL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:					
#	Accreditation not offered by NY's DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spill Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinshier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386537						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	0.01062	0.0050	0.01	0	106	70	130				
Boron	0.5659	0.50	0.5	0	113	70	130				
Cadmium	0.01034	0.0050	0.01	0	103	70	130				
Calcium	ND	0.50									
Chromium	ND	0.050	0.02	0	106	70	130				
Cobalt	0.1049	0.050	0.1	0	105	70	130				
Copper	0.05050	0.020	0.05	0	101	70	130				
Iron	0.04727	0.030									
Lead	0.5212	0.10	0.5	0	104	50	150				
Magnesium	ND	0.50									
Manganese	0.03761	0.020	0.03	0	125	70	130				
Nickel	0.08437	0.030	0.08	0	105	70	130				
Potassium	ND	0.50									
Silver	ND	0.050	0.02	0	81.8	70	130				
Sodium	ND	0.50									
Vanadium	ND	0.30	0.1	0	106	70	130				
Zinc	0.05072	0.010	0.04	0	127	70	130				

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386571						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	0.08296	0.050									
Barium	ND	0.30									
Beryllium	0.01065	0.0050	0.01	0	106	70	130				
Boron	0.5689	0.50	0.5	0	114	70	130				
Cadmium	0.01056	0.0050	0.01	0	106	70	130				
Calcium	1.077	0.50									

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L				Prep Date:	RunNo: 65968			
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005					Analysis Date: 10/15/2011	SeqNo: 1386571			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.050	0.02	0	168	70	130				S
Cobalt	0.1085	0.050	0.1	0	109	70	130				
Copper	0.05223	0.020	0.05	0	104	70	130				
Iron	0.7612	0.030									
Lead	0.5313	0.10	0.5	0	106	50	150				
Magnesium	ND	0.50									
Manganese	0.1444	0.020	0.03	0	481	70	130				S
Nickel	0.08588	0.030	0.08	0	107	70	130				
Potassium	ND	0.50									
Silver	ND	0.050	0.02	0	81.2	70	130				
Sodium	ND	0.50									
Vanadium	ND	0.30	0.1	0	108	70	130				
Zinc	0.05242	0.010	0.04	0	131	70	130				S

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011			SeqNo: 1386578					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	0.01055	0.0050	0.01	0	106	70	130				
Boron	0.5541	0.50	0.5	0	111	70	130				
Cadmium	0.01051	0.0050	0.01	0	105	70	130				
Calcium	ND	0.50									
Chromium	ND	0.050	0.02	0	113	70	130				
Cobalt	0.1077	0.050	0.1	0	108	70	130				
Copper	0.05018	0.020	0.05	0	100	70	130				
Iron	0.09785	0.030									
Lead	0.5204	0.10	0.5	0	104	50	150				
Magnesium	ND	0.50									

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R665968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386578						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	0.04758	0.020	0.03	0	159	70	130				S
Nickel	0.08445	0.030	0.08	0	106	70	130				
Potassium	ND	0.50									
Silver	ND	0.050	0.02	0	79.4	70	130				
Sodium	ND	0.50									
Vanadium	ND	0.30	0.1	0	105	70	130				
Zinc	0.05093	0.010	0.04	0	127	70	130				
Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257						
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395012						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	0.01054	0.0050	0.01	0	105	70	130				
Cadmium	0.01021	0.0050	0.01	0	102	70	130				
Calcium	ND	0.50									
Chromium	ND	0.050	0.02	0	117	70	130				
Copper	0.04947	0.020	0.05	0	98.9	70	130				
Iron	ND	0.030									
Lead	0.5228	0.10	0.5	0	105	50	150				
Magnesium	ND	0.50									
Manganese	0.03488	0.020	0.03	0	116	70	130				
Nickel	0.09302	0.030	0.08	0	116	70	130				
Potassium	ND	0.50									
Silver	ND	0.050	0.02	0	75.0	70	130				
Sodium	ND	0.50									
Vanadium	ND	0.30	0.1	0	105	70	130				
Zinc	0.05174	0.010	0.04	0	129	70	130				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Page 21 of 92

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinabier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	SampleType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395033
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC
					LowLimit
					HighLimit
					RPD Ref Val
					%RPD
					RPDLimit
					Qual

[illegible]

Sample ID: CRI	Sample Type: CRI	Test Code: 200.7WT	Units: mg/L			Prep Date:	Run No: 66257				
Client ID: ZZZZZ	Batch ID: R66257	Test Name: ICP Metals, Totals by NYSDEC ASP 2005			Analysis Date: 10/24/2011	Seq No: 1395056					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low limit	High limit	RPD Ref Val	%RPD	RPD limit	Qual
Aluminum	ND	0.050									
Barium	ND	0.30									
Beryllium	0.01029	0.0050	0.01	0	103	70	130				
Cadmium	0.009847	0.0050	0.01	0	98.5	70	130				
Calcium	ND	0.50									
Chromium	ND	0.050	0.02	0	121	70	130				
Copper	0.04828	0.020	0.05	0	96.6	70	130				
Iron	ND	0.030									

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395056
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Lead	0.3894	0.10	0.5	0	77.9	50	150	
Magnesium	ND	0.50						
Manganese	0.03424	0.020	0.03	0	114	70	130	
Nickel	0.08987	0.030	0.08	0	112	70	130	
Potassium	ND	0.50						
Silver	ND	0.050	0.02	0	70.0	70	130	
Sodium	ND	0.50						
Vanadium	ND	0.30	0.1	0	103	70	130	
Zinc	0.07287	0.010	0.04	0	182	70	130	S

Sample ID: CRI	SamplType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395065
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050						
Barium	ND	0.30						
Beryllium	0.01033	0.0050	0.01	0	103	70	130	
Cadmium	0.01014	0.0050	0.01	0	101	70	130	
Calcium	ND	0.50						
Chromium	ND	0.050	0.02	0	121	70	130	
Copper	0.04932	0.020	0.05	0	98.6	70	130	
Iron	ND	0.030						
Lead	0.3899	0.10	0.5	0	78.0	50	150	
Magnesium	ND	0.50						
Manganese	0.03530	0.020	0.03	0	118	70	130	
Nickel	0.09064	0.030	0.08	0	113	70	130	
Potassium	ND	0.50						
Silver	ND	0.050	0.02	0	70.0	70	130	
Sodium	0.6658	0.50						
Vanadium	ND	0.30	0.1	0	102	70	130	

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Figure 23 of 92

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: CRI	SampleType: CRI	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395065
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Zinc	0.07479	0.010	0.04	0	187 70 130 S

Sample ID: ICB	SampleType: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1396509
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Boron	ND	0.50			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Cobalt	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: ICB	SampleType: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395009
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICB	SamplType: ICB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395009
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	ND	0.050			
Barium	ND	0.30			
Beryllium	ND	0.0050			
Cadmium	ND	0.0050			
Calcium	ND	0.50			
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	ND	0.030			
Lead	ND	0.10			
Magnesium	ND	0.50			
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	ND	0.010			

Sample ID: ICV	SamplType: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386508
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	9.925	0.050	10	0	99.2	90	110		
Barium	9.992	0.30	10	0	99.9	90	110		
Beryllium	0.2520	0.0050	0.25	0	101	90	110		
Boron	10.07	0.50	10	0	101	90	110		
Cadmium	0.2469	0.0050	0.25	0	98.7	90	110		
Calcium	12.65	0.50	12.5	0	101	90	110		
Chromium	0.5013	0.050	0.5	0	100	90	110		
Cobalt	2.498	0.050	2.5	0	99.9	90	110		

Qualifiers: # Accreditation not offered by NYS DOH for this paramete B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits NID Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this paramete R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICV	SampleType: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/15/2011	SeqNo: 1386508	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Copper	1.255	0.020	1.25	0	100 90 110
Iron	5.067	0.030	5	0	101 90 110
Lead	0.2465	0.10	0.25	0	98.6 90 110
Magnesium	12.68	0.50	12.5	0	101 90 110
Manganese	0.7554	0.020	0.75	0	101 90 110
Nickel	1.991	0.030	2	0	99.5 90 110
Potassium	12.20	0.50	12.5	0	97.6 90 110
Silver	0.4880	0.050	0.5	0	97.6 90 110
Sodium	12.01	0.50	12.5	0	96.1 90 110
Vanadium	2.524	0.30	2.5	0	101 90 110
Zinc	1.014	0.010	1	0	101 90 110

Sample ID: ICV	SampleType: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/24/2011	SeqNo: 1395008	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	9.920	0.050	10	0	99.2 90 110
Barium	10.09	0.30	10	0	101 95 105
Beryllium	0.2520	0.0050	0.25	0	101 95 105
Cadmium	0.2481	0.0050	0.25	0	99.2 95 105
Calcium	12.95	0.50	12.5	0	104 90 110
Chromium	0.5550	0.050	0.5	0	111 95 105
Copper	1.265	0.020	1.25	0	101 90 110
Iron	5.119	0.030	5	0	102 95 105
Lead	0.2530	0.10	0.25	0	101 90 110
Magnesium	12.69	0.50	12.5	0	102 90 110
Manganese	0.8328	0.020	0.75	0	111 90 110
Nickel	2.214	0.030	2	0	111 95 105
Potassium	11.99	0.50	12.5	0	95.9 90 110
Silver	0.5355	0.050	0.5	0	107 90 110

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICV	SamplType: ICV	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257						
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395008						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Sodium	12.14	0.50	12.5	0	97.1	95	105				
Vanadium	2.536	0.30	2.5	0	101	90	110				
Zinc	1.125	0.010	1	0	112	90	110				S

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386510						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	514.9	0.050	500	0	103	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	505.9	0.50	500	0	101	80	120				E
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	184.3	0.030	200	0	92.2	80	120				
Lead	ND	0.10									
Magnesium	498.1	0.50	500	0	99.6	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	0.7213	0.50									
Vanadium	ND	0.30									
Zinc	0.02909	0.010									

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	SampleType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386538
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	508.2	0.050	500	0	102	80	120	E
Barium	ND	0.30						
Beryllium	ND	0.0050						
Boron	ND	0.50						
Cadmium	ND	0.0050						
Calcium	501.8	0.50	500	0	100	80	120	E
Chromium	ND	0.050						
Cobalt	ND	0.050						
Copper	ND	0.020						
Iron	183.8	0.030	200	0	91.9	80	120	
Lead	ND	0.10						
Magnesium	483.8	0.50	500	0	96.8	80	120	E
Manganese	ND	0.020						
Nickel	ND	0.030						
Potassium	ND	0.50						
Silver	ND	0.050						
Sodium	0.7897	0.50						
Vanadium	ND	0.30						
Zinc	0.02314	0.010						

Sample ID: ICSA	Sample Type: ICSA	Test Code: 200.7WT	Units: mg/L	Prep Date:	Run No: 65968						
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	Seq No: 1386572						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aluminum	516.0	0.050	500	0	103	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	504.2	0.50	500	0	101	80	120				E

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	Sampl Type: ICSA	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 65968				
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/15/2011	SeqNo: 1386572				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	184.9	0.030	200	0	92.5	80	120				
Lead	ND	0.10									
Magnesium	497.0	0.50	500	0	99.4	80	120				E
Manganese	0.02962	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	0.5545	0.50									
Vanadium	ND	0.30									
Zinc	0.02626	0.010									

Sample ID: ICSA	Sample Type: ICSA	Test Code: 200.7WT	Units: mg/L	Prep Date:	Run No: 65968						
Client ID: ZZZZZ	Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	Seq No: 1386576						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aluminum	511.8	0.050	500	0	102	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Boron	ND	0.50									
Cadmium	ND	0.0050									
Calcium	506.7	0.50	500	0	101	80	120				E
Chromium	ND	0.050									
Cobalt	ND	0.050									
Copper	ND	0.020									
Iron	182.7	0.030	200	0	91.3	80	120				
Lead	ND	0.10									
Magnesium	496.5	0.50	500	0	99.3	80	120				E

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	0.02984	0.010			

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395010
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Aluminum	513.6	0.050	500	0	103 80 120 E
Barium	ND	0.30			
Beryllium	ND	0.0050			
Cadmium	ND	0.0050			
Calcium	509.9	0.50	500	0	102 80 120 E
Chromium	ND	0.050			
Copper	ND	0.020			
Iron	184.6	0.030	200	0	92.3 80 120
Lead	ND	0.10			
Magnesium	521.1	0.50	500	0	104 80 120 E
Manganese	ND	0.020			
Nickel	ND	0.030			
Potassium	ND	0.50			
Silver	ND	0.050			
Sodium	ND	0.50			
Vanadium	ND	0.30			
Zinc	0.03261	0.010			

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA		Sample Type: ICSA		Test Code: 200.7WT		Units: mg/L		Prep Date:		Run No: 66257	
Client ID: ZZZZZ		Batch ID: R66257		Test Name: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/24/2011		Seq No: 1395034	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	510.9	0.050	500	0	102	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Cadmium	ND	0.0050									
Calcium	509.1	0.50	500	0	102	80	120				E
Chromium	ND	0.050									
Copper	ND	0.020									
Iron	183.9	0.030	200	0	92.0	80	120				
Lead	ND	0.10									
Magnesium	512.2	0.50	500	0	102	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	ND	0.50									
Vanadium	ND	0.30									
Zinc	0.03020	0.010									
Sample ID: ICSA		Sample Type: ICSA		Test Code: 200.7WT		Units: mg/L		Prep Date:		Run No: 66257	
Client ID: ZZZZZ		Batch ID: R66257		Test Name: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/24/2011		Seq No: 1395057	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	529.2	0.050	500	0	106	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Cadmium	ND	0.0050									
Calcium	518.5	0.50	500	0	104	80	120				E
Chromium	ND	0.050									
Copper	ND	0.020									
Iron	189.4	0.030	200	0	94.7	80	120				

Qualifiers:					
#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits NND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257						
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395057						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Lowlimit	Higlilimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.10									
Magnesium	525.0	0.50	500	0	105	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	0.5453	0.50									
Vanadium	ND	0.30									
Zinc	0.03279	0.010									

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66257				
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/24/2011			SeqNo: 1395063					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	520.4	0.050	500	0	104	80	120				E
Barium	ND	0.30									
Beryllium	ND	0.0050									
Cadmium	ND	0.0050									
Calcium	509.9	0.50	500	0	102	80	120				E
Chromium	ND	0.050									
Copper	ND	0.020									
Iron	186.0	0.030	200	0	93.0	80	120				
Lead	ND	0.10									
Magnesium	525.6	0.50	500	0	105	80	120				E
Manganese	ND	0.020									
Nickel	ND	0.030									
Potassium	ND	0.50									
Silver	ND	0.050									
Sodium	1.685	0.50									
Vanadium	ND	0.30									

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSA	SamplType: ICSA	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395063
Analyle	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Zinc 0.03201 0.010

Sample ID: ICSAB	SamplType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386511
Analyle	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Aluminum	521.5	0.050	500	0	104	80	120	E
Barium	0.5325	0.30	0.5	0	107	80	120	
Beryllium	0.5023	0.0050	0.5	0	100	80	120	
Boron	0.9019	0.50						
Cadmium	0.9417	0.0050	1	0	94.2	80	120	
Calcium	504.4	0.50	500	0	101	80	120	E
Chromium	0.4946	0.050	0.5	0	98.9	80	120	
Cobalt	0.4632	0.050	0.5	0	92.6	80	120	
Copper	0.5295	0.020	0.5	0	106	80	120	
Iron	186.4	0.030	200	0	93.2	80	120	
Lead	0.9144	0.10	1	0	91.4	80	120	
Magnesium	501.2	0.50	500	0	100	80	120	E
Manganese	0.5000	0.020	0.5	0	100	80	120	
Nickel	0.9389	0.030	1	0	93.9	80	120	
Potassium	ND	0.50						
Silver	1.084	0.050	1	0	108	80	120	
Sodium	1.190	0.50						
Vanadium	0.4992	0.30	0.5	0	99.8	80	120	
Zinc	0.9769	0.010	1	0	97.7	80	120	

Sample ID: ICSAB	SamplType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386539
Analyle	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits
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CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSAB	Sample Type: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386539
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	516.4	0.050	500	0	103	80	120	E
Barium	0.5348	0.30	0.5	0	107	80	120	
Beryllium	0.4990	0.0050	0.5	0	99.8	80	120	
Boron	0.8471	0.50						
Cadmium	0.9365	0.0050	1	0	93.7	80	120	
Calcium	505.1	0.50	500	0	101	80	120	E
Chromium	0.4952	0.050	0.5	0	99.0	80	120	
Cobalt	0.4566	0.050	0.5	0	91.3	80	120	
Copper	0.5296	0.020	0.5	0	106	80	120	
Iron	185.4	0.030	200	0	92.7	80	120	
Lead	0.9221	0.10	1	0	92.2	80	120	
Magnesium	490.8	0.50	500	0	98.2	80	120	E
Manganese	0.5040	0.020	0.5	0	101	80	120	
Nickel	0.9428	0.030	1	0	94.3	80	120	
Potassium	ND	0.50						
Silver	1.095	0.050	1	0	110	80	120	
Sodium	1.256	0.50						
Vanadium	0.5030	0.30	0.5	0	101	80	120	
Zinc	0.9416	0.010	1	0	94.2	80	120	

Sample ID: ICSAB	Sample Type: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386573
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Aluminum	517.4	0.050	500	0	103	80	120	E
Barium	0.5327	0.30	0.5	0	107	80	120	
Beryllium	0.4981	0.0050	0.5	0	99.6	80	120	
Boron	0.8563	0.50						
Cadmium	0.9426	0.0050	1	0	94.3	80	120	
Calcium	503.6	0.50	500	0	101	80	120	E

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: 200.7WT

Sample ID: ICSAB		Sample Type: ICSAB	Test Code: 200.7WT		Units: mg/L		Prep Date:		Run No: 65968		
Client ID: ZZZZZ		Batch ID: R65968	Test Name: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011		Seq No: 1386573				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Chromium	0.4944	0.050	0.5	0	98.9	80	120				
Cobalt	0.4606	0.050	0.5	0	92.1	80	120				
Copper	0.5276	0.020	0.5	0	106	80	120				
Iron	185.3	0.030	200	0	92.7	80	120				
Lead	0.9215	0.10	1	0	92.1	80	120				
Magnesium	497.1	0.50	500	0	99.4	80	120				E
Manganese	0.5042	0.020	0.5	0	101	80	120				
Nickel	0.9375	0.030	1	0	93.8	80	120				
Potassium	ND	0.50									
Silver	1.085	0.050	1	0	108	80	120				
Sodium	1.075	0.50									
Vanadium	0.4990	0.30	0.5	0	99.8	80	120				
Zinc	0.9505	0.010	1	0	95.0	80	120				

Sample ID: ICSAB	Sample Type: ICSAB	TestCode: 200.7WT	Units: mg/L				Prep Date:		RunNo: 65968		
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005					Analysis Date: 10/15/2011		SeqNo: 1386577		
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	517.7	0.050	500	0	104	80	120				E
Barium	0.5277	0.30	0.5	0	106	80	120				
Beryllium	0.4963	0.0050	0.5	0	99.3	80	120				
Boron	0.8549	0.50									
Cadmium	0.9429	0.0050	1	0	94.3	80	120				
Calcium	502.1	0.50	500	0	100	80	120				E
Chromium	0.4916	0.050	0.5	0	98.3	80	120				
Cobalt	0.4616	0.050	0.5	0	92.3	80	120				
Copper	0.5291	0.020	0.5	0	106	80	120				
Iron	184.8	0.030	200	0	92.4	80	120				
Lead	0.9171	0.10	1	0	91.7	80	120				
Magnesium	501.2	0.50	500	0	100	80	120				E

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits NND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinshier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	SamplType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 65968						
Client ID: ZZZZZ	Batch ID: R65968	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/15/2011	SeqNo: 1386577						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Manganese	0.4973	0.020	0.5	0	99.5	80	120				
Nickel	0.9298	0.030	1	0	93.0	80	120				
Potassium	ND	0.50									
Silver	1.080	0.050	1	0	108	80	120				
Sodium	1.136	0.50									
Vanadium	0.4963	0.30	0.5	0	99.3	80	120				
Zinc	0.9773	0.010	1	0	97.7	80	120				

Sample ID: ICSAB	SamplType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257						
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395011						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spice Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	SampleType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257						
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395035						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Aluminum	505.7	0.050	500	0	101	80	120				E
Barium	0.5463	0.30	0.5	0	109	80	120				
Beryllium	0.4908	0.0050	0.5	0	98.2	80	120				
Cadmium	0.9301	0.0050	1	0	93.0	80	120				
Calcium	497.1	0.50	500	0	99.4	80	120				
Chromium	0.5444	0.050	0.5	0	109	80	120				
Copper	0.5164	0.020	0.5	0	103	80	120				
Iron	183.7	0.030	200	0	91.8	80	120				
Lead	0.8824	0.10	1	0	88.2	80	120				
Magnesium	507.1	0.50	500	0	101	80	120				E
Manganese	0.5442	0.020	0.5	0	109	80	120				
Nickel	1.036	0.030	1	0	104	80	120				
Potassium	ND	0.50									
Silver	1.166	0.050	1	0	117	80	120				
Sodium	0.7217	0.50									
Vanadium	0.4843	0.30	0.5	0	96.9	80	120				
Zinc	1.043	0.010	1	0	104	80	120				

Sample ID: ICSAB	Sample Type: ICSAB	Test Code: 200.7WT	Units: mg/L			Prep Date:	Run No: 66257				
Client ID: ZZZZZ	Batch ID: R66257	Test Name: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/24/2011	Seq No: 1395058				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Aluminum	504.7	0.050	500	0	101	80	120				E
Barium	0.5429	0.30	0.5	0	109	80	120				
Beryllium	0.4830	0.0050	0.5	0	96.6	80	120				
Cadmium	0.9253	0.0050	1	0	92.5	80	120				
Calcium	493.5	0.50	500	0	98.7	80	120				
Chromium	0.5437	0.050	0.5	0	109	80	120				
Copper	0.5120	0.020	0.5	0	102	80	120				
Iron	181.6	0.030	200	0	90.8	80	120				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	Sample Type: ICSAB	Test Code: 200.7WT	Units: mg/L			Prep Date:	Run No: 66257				
Client ID: ZZZZZ	Batch ID: R66257	Test Name: ICP Metals, Totals by NYSDEC ASP 2005				Analysis Date: 10/24/2011	Seq No: 1395058				
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	Low Limit	High Limit	RPD Ref Val	%RPD	RPD Limit	Qual
Lead	0.8777	0.10	1	0	87.8	80	120				
Magnesium	502.6	0.50	500	0	101	80	120				E
Manganese	0.5462	0.020	0.5	0	109	80	120				
Nickel	1.025	0.030	1	0	102	80	120				
Potassium	ND	0.50									
Silver	1.148	0.050	1	0	115	80	120				
Sodium	0.8576	0.50									
Vanadium	0.4766	0.30	0.5	0	95.3	80	120				
Zinc	1.052	0.010	1	0	105	80	120				

Sample ID: ICSAB	SamplType: ICSAB	TestCode: 200.7WT	Units: mg/L			Prep Date:	RunNo: 66257				
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005	Analysis Date: 10/24/2011			SeqNo: 1395064					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	506.3	0.050	500	0	101	80	120				E
Barium	0.5445	0.30	0.5	0	109	80	120				
Beryllium	0.4860	0.0050	0.5	0	97.2	80	120				
Cadmium	0.9250	0.0050	1	0	92.5	80	120				
Calcium	494.2	0.50	500	0	98.8	80	120				
Chromium	0.5426	0.050	0.5	0	109	80	120				
Copper	0.5126	0.020	0.5	0	103	80	120				
Iron	182.7	0.030	200	0	91.3	80	120				
Lead	0.8865	0.10	1	0	88.6	80	120				
Magnesium	509.4	0.50	500	0	102	80	120				E
Manganese	0.5385	0.020	0.5	0	108	80	120				
Nickel	1.027	0.030	1	0	103	80	120				
Potassium	ND	0.50									
Silver	1.146	0.050	1	0	115	80	120				
Sodium	1.986	0.50									
Vanadium	0.4750	0.30	0.5	0	95.0	80	120				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC

Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: 200.7WT

Sample ID: ICSAB	SampType: ICSAB	TestCode: 200.7WT	Units: mg/L	Prep Date:	RunNo: 66257						
Client ID: ZZZZZ	Batch ID: R66257	TestName: ICP Metals, Totals by NYSDEC ASP 2005		Analysis Date: 10/24/2011	SeqNo: 1395064						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Zinc	1.055	0.010	1	0	105	80	120				

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
 Work Order: U1110316
 Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: U1110316-003BMS	SamplType: MS	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: CLS6	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394653
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	172.0	10	100	120	52.0 27 138

Sample ID: U1110117-015BDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394380
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	344.0	10			344 0 15

Sample ID: U1110194-009DDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394407
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	166.0	10			163 1.82 15

Sample ID: U1110272-014BDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394440
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	260.0	10			259 0.385 15

Sample ID: U1110281-002CDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394466
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	100.0	10			100 0 15

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
 H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
 Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: U1110286-019DDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394637
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	364.0	10		360	1.10 15

Sample ID: U1110315-021BDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394644
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	221.0	10		217	1.83 15

Sample ID: U1110316-003BDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: CLS6	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394652
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	112.0	10		120	6.90 15

Sample ID: U1110323-001DDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394655
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	464.0	10		473	1.92 15

Sample ID: U1110361-008EDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394690
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	148.0	10		150	1.34 15

Qualifiers:					
H	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N/D	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: U1110362-003EDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394697
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	104.0	10			102 1.94 15

Sample ID: U1110429-002IDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394737
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	118.0	10			124 4.96 15

Sample ID: U1110282-001CDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394762
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	896.0	100			858 4.33 15

Sample ID: U1110283-003DDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394769
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	853.0	100			844 1.06 15

Sample ID: U1110284-003CDUP	SamplType: DUP	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394772
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	663.0	100			677 2.09 15

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	N/D	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCB	Sample Type: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394404
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	Sample Type: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394427
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	Sample Type: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394445
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	Sample Type: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394457
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	Sample Type: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394485
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinabier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394505
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394516
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394528
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) ND 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394581
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 15.40 10

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394592
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 12.30 10

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394604
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3)	ND	10			
Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394624
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3)	ND	10			
Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394636
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3)	ND	10			
Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394647
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3)	ND	10			
Sample ID: CCB	SampleType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394658
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Alkalinity, Total (As CaCO3) 14.10 10

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394669
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394688
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		11.40	10		

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394699
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394710
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Sample ID: CCB	SamplType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394722
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		ND	10		

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCB	SampType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394733
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	11.10	10			

Sample ID: CCB	SampType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394744
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394755
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394767
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: CCB	SampType: CCB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394776
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	69.20	10			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394368
Analyte	Result	PQL	SPK value	SPK Ref Val	%RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		250.0	10	250	0 100 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394403
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		248.0	10	250	0 99.2 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394425
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		248.0	10	250	0 99.2 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394444
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		249.0	10	250	0 99.6 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394456
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)		250.0	10	250	0 100 90 110

Qualifiers:					
H	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394483
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 247.0 10 250 0 98.8 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394504
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 247.0 10 250 0 98.8 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394515
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 248.0 10 250 0 99.2 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394527
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 249.0 10 250 0 99.6 90 110

Sample ID: CCV	SamplType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394539
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDlimit Qual

Alkalinity, Total (As CaCO3) 250.0 10 250 0 100 90 110

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394591
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	251.0	10	250	0	100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394603
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	250.0	10	250	0	100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394623
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	246.0	10	250	0	98.4 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394635
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	246.0	10	250	0	98.4 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394646
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	251.0	10	250	0	100 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: ALK_W_AUTO

Sample ID: CCV	Batch ID: ZZZZZ	Batch ID: R66239	Result	POL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	245.0	10	250	0	98.0	90	110						
Sample ID: CCV	Batch ID: ZZZZZ	Batch ID: R66239	Result	POL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	240.0	10	250	0	96.0	90	110						
Sample ID: CCV	Batch ID: ZZZZZ	Batch ID: R66239	Result	POL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	248.0	10	250	0	99.2	90	110						
Sample ID: CCV	Batch ID: ZZZZZ	Batch ID: R66239	Result	POL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	248.0	10	250	0	99.2	90	110						
Sample ID: CCV	Batch ID: ZZZZZ	Batch ID: R66239	Result	POL	SPK value	SPK Ref Val	%REC	Lowlimit	Highlimit	RPD Ref Val	%RPD	RPDLimit	Qual
Alkalinity, Total (As CaCO3)	245.0	10	250	0	98.0	90	110						

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394721
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	250.0	10	250	0	100 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394732
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	245.0	10	250	0	98.0 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394743
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	240.0	10	250	0	96.0 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394754
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	246.0	10	250	0	98.4 90 110

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394766
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	238.0	10	250	0	95.2 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: ALK_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394775
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	581.0	10	250	0	232 90 110 SE

Sample ID: ICB	SampleType: ICB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394366
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	ND	10			

Sample ID: ICB	SampleType: ICB	TestCode: ALK_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66239
Client ID: ZZZZZ	Batch ID: R66239	TestName: Alkalinity by EPA 310.2		Analysis Date: 10/21/2011	SeqNo: 1394364
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Alkalinity, Total (As CaCO3)	116.0	10	103	0	113 90 110 S

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: BOD

Sample ID: MB-R66064	SampleType: MBLK	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389470
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Biochemical Oxygen Demand	ND	4.0			
Sample ID: LCS-R66064	SampleType: LCS	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389471
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Biochemical Oxygen Demand	198.0	4.0	200	0	99.0 84 114
Sample ID: U1110272-014ADUP	SampleType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389501
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Biochemical Oxygen Demand	ND	4.0			0 0 20
Sample ID: U1110315-021ADUP	SampleType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389526
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Biochemical Oxygen Demand	ND	4.0			0 0 20
Sample ID: U1110316-003ADUP	SampleType: DUP	TestCode: BOD	Units: mg/L	Prep Date:	RunNo: 66064
Client ID: CLS6	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389531
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Biochemical Oxygen Demand	ND	4.0			0 0 20

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

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CLIENT:

Applied Testing and Geosciences, LLC

Work Order:

U1110316

Project:

Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: BOD

Sample ID: U1110323-001ADUP	Sample Type: DUP	Test Code: BOD	Units: mg/L	Prep Date:	RunNo: 66064						
Client ID: ZZZZZ	Batch ID: R66064	TestName: BOD, 5 Day by SM 18-20 5210B (01)		Analysis Date: 10/13/2011	SeqNo: 1389532						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Biochemical Oxygen Demand	6.000	4.0						6	0	20	

Qualifiers:											
#	Accreditation not offered by NYS DOH for this parameter				B	Analyte detected in the associated Method Blank				E	Value above quantitation range
H	Holding times for preparation or analysis exceeded				J	Analyte detected below quantitation limits				ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter				R	RPD outside accepted recovery limits				S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: U1110316-003AMS	SampleType: MS	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: CLS6	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393956
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	51.90	1.00	24	27.5	102 51.5 156
Sample ID: U1110272-014ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393825
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	14.10	1.00			14.3 1.41 15
Sample ID: U1110281-002ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393843
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	22.10	1.00			22.3 0.901 15
Sample ID: U1110286-019ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393891
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	15.00	1.00			14.8 1.34 15
Sample ID: U1110315-021ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393947
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	13.80	1.00			13.8 0 15

Qualifiers:

Accreditation not offered by NYS DOH for this parameter
H Holding times for preparation or analysis exceeded
Q Outlying QC recoveries were associated with this parameter
B Analyte detected in the associated Method Blank
J Analyte detected below quantitation limits
R RPD outside accepted recovery limits
E Value above quantitation range
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: U1110316-003ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: CLS6	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393955
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	28.10	1.00			27.5 2.16 15

Sample ID: U1110323-001ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393958
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	29.90	1.00			30 0.334 15

Sample ID: U1110361-008ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393986
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	16.80	1.00			16.9 0.593 15

Sample ID: U1110362-003ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393993
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	18.20	1.00			18.1 0.551 15

Sample ID: U1110428-004ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394023
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	15.30	1.00			15.5 1.30 15

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	NID	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: U1110387-002ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394051
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	99.70	1.00		99.8	0.100 15

Sample ID: U1110282-001ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394132
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	185.0	10.0		187	1.08 15

Sample ID: U1110284-003ADUP	SampleType: DUP	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394184
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	228.0	10.0		233	2.17 15

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393809
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393817
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	SampType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393828
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393838
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393848
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393859
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393870
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393882
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393883
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393905
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393917
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393927
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	ND	1.00			

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits

E	Value above quantitation range
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393939
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393950
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393960
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393972
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393984
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded		J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter		R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393995
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394006
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394018
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394030
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394044
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	SamplType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394053
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride	ND	1.00			
Sample ID: CCB	SamplType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394067
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride	ND	1.00			
Sample ID: CCB	SamplType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394116
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride	ND	1.00			
Sample ID: CCB	SamplType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394128
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chloride	ND	1.00			
Sample ID: CCB	SamplType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394134
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers:

#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCB	SampleType: CCB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394144
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393802
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.50 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393808
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 79.80 1.00 75 0 106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393816
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.30 1.00 75 0 107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393827
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 80.30 1.00 75 0 107 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393837
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.00	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393847
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.80	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393858
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.20	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393869
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.30	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393881
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.90	1.00	75	0	107 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Splice Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393992
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.50	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393904
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.80	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393916
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.00	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393926
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	78.30	1.00	75	0	104 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393938
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.70	1.00	75	0	106 90 110

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393949
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.10	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393959
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.10	1.00	75	0	107 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393971
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.60	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393983
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.80	1.00	75	0	106 90 110

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393994
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.50	1.00	75	0	106 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394005
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.20	1.00	75	0	107 90 110
Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394017
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.60	1.00	75	0	107 90 110
Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394029
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.90	1.00	75	0	107 90 110
Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394043
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	83.50	1.00	75	0	111 90 110
Sample ID: CCV	SampleType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394052
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chloride	78.40	1.00	75	0	105 90 110

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: CCV	SampType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394064
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.30	1.00	75	0	106 90 110

Sample ID: CCV	SampType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394115
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	80.10	1.00	75	0	107 90 110

Sample ID: CCV	SampType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394127
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.60	1.00	75	0	106 90 110

Sample ID: CCV	SampType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394133
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.20	1.00	75	0	106 90 110

Sample ID: CCV	SampType: CCV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1394143
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Chloride	79.70	1.00	75	0	106 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: CL_W_AUTO

Sample ID: ICB	SampleType: ICB	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393801
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride ND 1.00

Sample ID: ICV	SampleType: ICV	TestCode: CL_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66231
Client ID: ZZZZZ	Batch ID: R66231	TestName: Chloride Waters by Lachat 10-117-07-1 A		Analysis Date: 10/21/2011	SeqNo: 1393800
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chloride 56.10 1.00 50.1 0 112 85 115

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: MB-R66075	Sample Type: MBLK	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389855
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: MB-R66075	Sample Type: MBLK	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389885
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: MB-R66075	Sample Type: MBLK	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389911
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: LCS-R66075	Sample Type: LCS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389856
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 120.4 20 106 0 114 78 122

Sample ID: LCS-R66075	Sample Type: LCS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389886
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 110.8 20 106 0 104 78 122

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: LCS-R66075	Sample Type: LCS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389912
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chemical Oxygen Demand	122.6	20	106	0	116 78 122

Sample ID: U1110316-003CMS	Sample Type: MS	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: CLS6	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389919
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chemical Oxygen Demand	50.56	20	50	0	101 60 140

Sample ID: U1110272-014CDUP	Sample Type: DUP	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389679
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chemical Oxygen Demand	ND	20		0	0 15

Sample ID: U1110315-021CDUP	Sample Type: DUP	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389908
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chemical Oxygen Demand	ND	20		0	0 15

Sample ID: U1110316-003CDUP	Sample Type: DUP	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: CLS6	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389918
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Chemical Oxygen Demand	ND	20		0	0 15

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: CCB	SampleType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389868
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SampleType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389884
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SampleType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389898
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SampleType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389910
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Sample ID: CCB	SampleType: CCB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389924
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand ND 20

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: CCV	Sample Type: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389867
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 44.27 20 50 0 88.5 80 120

Sample ID: CCV	Sample Type: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389863
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 46.49 20 50 0 93.0 80 120

Sample ID: CCV	Sample Type: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389897
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 45.09 20 50 0 90.2 80 120

Sample ID: CCV	Sample Type: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389809
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 43.99 20 50 0 88.0 80 120

Sample ID: CCV	Sample Type: CCV	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389923
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 42.55 20 50 0 85.1 80 120

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: COD

Sample ID: ICB	SampleType: ICB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389854
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand	ND	20			
Sample ID: ICB	SampleType: ICB	TestCode: COD	Units: mg/L	Prep Date:	RunNo: 66075
Client ID: ZZZZZ	Batch ID: R66075	TestName: COD by EPA 410.4 Rev. 2.0		Analysis Date: 10/19/2011	SeqNo: 1389853
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Chemical Oxygen Demand 107.7 20 100 0 108 80 120

Qualifiers:	#	Accreditation not offered by NYS DOH for this paramete	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this paramete	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: U1110316-003CMS	SampleType: MS	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: CLS6	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403575
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	4.630	0.500	5	0	92.6 90 110

Sample ID: U1110316-003CMSD	SampleType: MSD	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: CLS6	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403576
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	4.610	0.500	5	0	92.2 90 110 4.63 0.433 10

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403298
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403382
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Sample ID: CCB	SampleType: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403405
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403472
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403487
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403499
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403519
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403533
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403533
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit
Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403545
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403566
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403580
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCB	Sample Type: CCB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403593
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N)	ND	0.500			
Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403271
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 14.70 0.500 15 0 98.0 90 110

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank E Value above quantitation range

H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits ND Not Detected at the Reporting Limit

Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403295
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	14.80	0.500	15	0	98.7 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403381
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	15.20	0.500	15	0	101 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403404
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	15.40	0.500	15	0	103 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403471
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	15.20	0.500	15	0	101 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403486
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	15.40	0.500	15	0	103 90 110

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits

E	Value above quantitation range
ND	Not Detected at the Reporting Limit
S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: CCV	SamplType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403498
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.30 0.500 15 0 102 90 110

Sample ID: CCV	SamplType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403518
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.20 0.500 15 0 101 90 110

Sample ID: CCV	SamplType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403531
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.40 0.500 15 0 103 90 110

Sample ID: CCV	SamplType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403544
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.10 0.500 15 0 101 90 110

Sample ID: CCV	SamplType: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403565
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Nitrogen, Ammonia (As N) 15.20 0.500 15 0 101 90 110

Qualifiers: # Accreditation not offered by NYS DOH for this parameter B Analyte detected in the associated Method Blank

H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits E Value above quantitation range

Q Outlying QC recoveries were associated with this parameter R RPD outside accepted recovery limits ND Not Detected at the Reporting Limit S Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NH3_W_AUTO

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403579
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	14.90	0.500	15	0	99.3 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403592
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	15.10	0.500	15	0	101 90 110

Sample ID: ICB	Sample Type: ICB	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403269
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	ND	0.500			

Sample ID: ICV	Sample Type: ICV	TestCode: NH3_W_AUTO	Units: mg/L	Prep Date:	RunNo: 66524
Client ID: ZZZZZ	Batch ID: R66524	TestName: NH3 by Lachat 10-107-06-1-B		Analysis Date: 11/1/2011	SeqNo: 1403270
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Ammonia (As N)	3.840	0.500	3.39	0	113 70.5 129.4

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NO2_W

Sample ID: U1110316-003AMS	Sample Type: MS	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: CLS6	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386031
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.300	0.0500	1	0	130 70 120

Sample ID: U1110316-003AMSD	Sample Type: MSD	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: CLS6	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386032
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.300	0.0500	1	0	130 70 120 1.3 0 20

Sample ID: CCV	Sample Type: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385006
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.040	0.0500	1	0	104 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385928
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.100	0.0500	1	0	110 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385951
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.070	0.0500	1	0	107 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NO2_W

Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385964
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.080	0.0500	1	0	108 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385977
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.090	0.0500	1	0	109 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385990
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.090	0.0500	1	0	109 90 110
Sample ID: CCV	SampleType: CCV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386000
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	1.100	0.0500	1	0	110 90 110
Sample ID: NO2 ICV	SampleType: ICV	TestCode: NO2_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrite (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385003
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrite (as N)	0.5630	0.0500	0.5	0	117 85 115

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: NO3_W

Sample ID: U1110316-003AMS	SampleType: MS	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: CLS6	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385995
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.20	0.0500	10	0.167	100 35 125

Sample ID: U1110316-003AMSD	SampleType: MSD	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: CLS6	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385996
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.10	0.0500	10	0.167	99.3 35 125 10.2 0.985 20

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385929
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385952
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCB	SampleType: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385965
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	Page 84 of 92

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT
TestCode: NO3_W

Sample ID: CCB	Sample Type: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385978
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCB	Sample Type: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385991
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCB	Sample Type: CCB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1386001
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385005
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.670	0.0500	10	0	96.7 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385927
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.850	0.0500	10	0	98.5 90 110

Qualifiers: # Accreditation not offered by NYS DOH for this paramete B Analyte detected in the associated Method Blank
H Holding times for preparation or analysis exceeded J Analyte detected below quantitation limits
Q Outlying QC recoveries were associated with this paramete R RPD outside accepted recovery limits

E Value above quantitation range
ND Not Detected at the Reporting Limit
S Spike Recovery outside accepted recovery limits
Page 85 of 92

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: NO3_W

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385950
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.830	0.0500	10	0	98.3 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385963
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.990	0.0500	10	0	99.9 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385976
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.920	0.0500	10	0	99.2 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385989
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	10.00	0.0500	10	0	100 90 110

Sample ID: CCV	Sample Type: CCV	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385999
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	9.970	0.0500	10	0	99.7 90 110

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

TestCode: NO3_W

Sample ID: ICB	SampType: ICB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385004
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	ND	0.0500			
Sample ID: NO3 ICB	SampType: ICB	TestCode: NO3_W	Units: mg/L	Prep Date:	RunNo: 65921
Client ID: ZZZZZ	Batch ID: R65921	TestName: Nitrogen, Nitrate (as N) by Lachat 10-107-04-1C		Analysis Date: 10/13/2011	SeqNo: 1385002
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Nitrogen, Nitrate (as N)	17.00	0.0500	18.2	0	93.4 78.6 121.4

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316
Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: TDS

Sample ID: MB-R66104	SampleType: MBLK	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: ZZZZZ	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390728
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	ND	25			

Sample ID: LCS-R66104	SampleType: LCS	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: ZZZZZ	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390729
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	2000	25	2200	0	90.9 77.4 122.6

Sample ID: U1110315-021ADUP	SampleType: DUP	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: ZZZZZ	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390750
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	322.5	25			322.5 0 25

Sample ID: U1110316-003ADUP	SampleType: DUP	TestCode: TDS	Units: mg/L	Prep Date:	RunNo: 66104
Client ID: CLS6	Batch ID: R66104	TestName: TDS by SM 18-21 2540C (97)		Analysis Date: 10/18/2011	SeqNo: 1390751
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Residue, Dissolved (TDS)	272.5	25			260 4.69 25

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: TOC_W

Sample ID: U1110316-003DMS	SampType: MS	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: CLS6	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405739
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	15.63	3.00	10	0	156 60 130 S

Sample ID: U1110272-014DDUP	SampType: DUP	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405705
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	3.00		0	0 15

Sample ID: U1110315-021DDUP	SampType: DUP	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405732
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	3.00		0	0 15

Sample ID: U1110316-003DDUP	SampType: DUP	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: CLS6	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405738
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	3.030	3.00		0	200 15 R

Sample ID: CCB	SampType: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405692
Analyte	Result	POL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	ND	3.00			

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits	

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: TOC_W

Sample ID: CCB	Sample Type: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405704
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCB	Sample Type: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405716
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCB	Sample Type: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405728
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCB	Sample Type: CCB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405741
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: CCV	Sample Type: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405678
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 53.80 3.00 50 0 108 78 122

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: TOC_W

Sample ID: CCV	SamplType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405691
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 53.13 3.00 50 0 106 78 122

Sample ID: CCV	SamplType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405703
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 54.07 3.00 50 0 108 78 122

Sample ID: CCV	SamplType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405715
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 53.10 3.00 50 0 106 78 122

Sample ID: CCV	SamplType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405727
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 52.36 3.00 50 0 105 78 122

Sample ID: CCV	SamplType: CCV	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405740
Analyte	Result	POL	SPK value	SPK Ref Val	%REC Lowlimit Highlimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total 52.09 3.00 50 0 104 78 122

Qualifiers:	#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
	Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

CLIENT: Applied Testing and Geosciences, LLC
Work Order: U1110316

Project: Dinsbier Landfill Surface Water

ANALYTICAL QC SUMMARY REPORT

TestCode: TOC_W

Sample ID: ICB	Sample Type: ICB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405680
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual

Organic Carbon, Total ND 3.00

Sample ID: ICB	Sample Type: ICB	TestCode: TOC_W	Units: mg/L	Prep Date:	RunNo: 66600
Client ID: ZZZZZ	Batch ID: R66600	TestName: TOC by SM 18-21 5310B (00)		Analysis Date: 11/1/2011	SeqNo: 1405679
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Organic Carbon, Total	48.17	3.00	43.5	0	111 83 118

Qualifiers:

#	Accreditation not offered by NYS DOH for this parameter	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit
Q	Outlying QC recoveries were associated with this parameter	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Chain of Custody Record

6034 Corporate Drive E. Syracuse New York 13057
Phone (315) 437 0255

Fax (315) 437 1209

Client: Project #/Project Name

APPLIED TESTING

Client Contact:

Phone #

Location (city/state) Address

JACK HEELY

(610) 313-3227

BRIDGEPORT, PA

DINSBIEER LANDFILL SURFACE WATER

Remarks

Sample ID

Date

Time

Matrix

Grab or Comp

Ull Internal Use Only

Number of Containers

Level II

CLS4

10/12/11

1:34pm

WATER

GRAB

1

5

1

2

3

4

5

6

7

8

9

10

(MS/MSD) See 10/14/11

CLS5

10/12/11

1:21pm

WATER

GRAB

2

5

1

2

3

4

5

6

7

8

9

10

(MS/MSD)

CLS6

10/12/11

10:40am

WATER

GRAB

3

5

1

2

3

4

5

6

7

8

9

10

(MS/MSD)

Parameter and Method	Sample bottle:	Type	Size	Preservative	Sampled by (Print)	Company:	Relinquished by: (sign)	Date	Time	Received by: (sign)	Name of Courier
1 BOD5, CL-, NO2, NO3, TDS		PLASTIC	2000 ML	NONE	Don Aurell	ULI					
2 COD, NH3		PLASTIC	500 ML	H2SO4							
3 T-FE, MN, NA, K		PLASTIC	500 ML	HNO3							
4 ALKALINITY		GLASS	250 ML	NONE							
5 TOC		PLASTIC	120 ML	1:1 HCL							
6 FIELD PH, TEMP, COND, TURB, EH, DO		N/A									
7											
8											
9											
10											
Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ) 10/13/11 0830											

11/28/11 HML