



28 February 2001

Mr. Michael Hinton, P.E.
Environmental Engineer II
New York State Department
of Environmental Conservation
Division of Environmental Remediation
270 Michigan Avenue
Region 9
Buffalo, New York 14203-2999

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RE: Fourth Quarter Year 2000 Monitoring Event Letter Report, Site No. 932001,
Airco Properties Inc., Witmer Road Landfill, Niagara Falls, New York
EA Project No. 12040.69

Dear Mr. Hinton:

EA Engineering, P.C. and its affiliate EA Engineering, Science, and Technology are pleased to provide three copies of the Fourth Quarter Year 2000 Monitoring Event Letter Report. During December 2000, the post-closure monitoring and facility maintenance program was initiated at the Witmer Road Landfill located in Niagara Falls, New York. Post-closure monitoring and facility maintenance is required by New York State Solid Waste Management Facilities Regulations (6 NYCRR Part 360-2.15[k][4]) and stipulated in the Order on Consent No. B9-0470-94-12. The purpose of this monitoring event letter report is to summarize the analytical results of the fourth quarter Year 2000 ground-water monitoring event that was completed at this site in December 2000.

OBJECTIVES

In accordance with the Revised Final Post-Closure Monitoring and Facility Maintenance Plan (EA 2001a)¹, environmental monitoring points will be maintained and sampled during the post-closure monitoring period. This includes collection of ground-water, surface water, and leachate samples. The Revised Final Post-Closure Monitoring and Facility Maintenance Plan (EA 2001a) documents sampling locations and sampling parameters and methods, in addition to other required maintenance activities, such as landfill cap inspections. It is anticipated that within 5 years of the start of post-closure monitoring, this plan will be re-evaluated based on the data collected at the site so that the monitoring plan will be focused to address site-specific issues that may be identified.

1. EA. 2001a. Interim Remedial Measure Report Documenting Closure of the Witmer Road Landfill, Niagara Falls, New York. Appendix A – Revised Final Post-Closure Monitoring and Facility Maintenance Plan. January.

Remedial measures were completed at the Witmer Road Landfill during 2000, which included completion of an impermeable cap and leachate relief system. A complete description of the history of the site, and the construction details of the landfill capping system, can be found in the Interim Remedial Measure Report (EA 2001b)².

MONITORING EVENT FIELD ACTIVITIES

Monitoring Well Gauging

The site monitoring wells (MW-1B through MW-8B) were gauged prior to sampling on 5-6 December 2000. The depth to water ranged from 4.80 ft at MW-6B to 16.68 ft at MW-2B. Gauging data are summarized in Table 1. Figure 2 provides the interpreted ground-water potentiometric surface contour map based on gauging data collected on 5-6 December 2000. Based on data collected from site monitoring wells that are located along the property perimeter, ground water flows from north to southeast across the site.

Ground-Water Sampling Procedures

Monitoring wells were sampled on 5-6 December 2000. The wells were purged using a peristaltic pump in accordance with *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures* (U.S. EPA 1996)³. Six ground-water samples and one duplicate sample (MW-6B) were collected from the site monitoring wells. Samples were not collected from MW-4B or MW-5B due to insufficient water volumes for sampling. One surface water and one leachate sample were also collected. Samples were submitted to Environmental Laboratory Services of North Syracuse, New York for analysis of NYSDEC Part 360 Baseline Parameters⁴.

Ground-water sampling results were compared to NYSDEC Ambient Water Quality Standards (AWQS)⁵ and guidance values for GA waters. Surface water and leachate samples were compared to NYSDEC AWQS for Class D waters. If no Class D standards were applicable for a particular compound, analytical results were compared to the more stringent Class C standards. Analytical results are summarized on the table provided in Attachment A. Ground-Water Sampling Purge forms for each well are provided in Attachment B. Laboratory chain-of-custody documents are provided in Attachment C. Laboratory analytical results are included in Attachment D.

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2. EA. 2001b. Interim Remedial Measure Report Documenting Closure of the Witmer Road Landfill, Niagara Falls, New York. January.
 3. U.S. Environmental Protection Agency. 1996. *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures*.
 4. New York State Department of Environmental Conservation. 1997. 6 NYCRR Part 360 Solid Waste Management Facilities. January.
 5. New York State Department of Environmental Conservation. 1998. Division of Water Technical and Operational Guidance Series (1.1.1) Ambient Water Quality Standards and Guidance Values and Ground Water Effluent Limitations. June.

ANALYTICAL RESULTS

Summary tables listing analytical results compared to applicable NYSDEC AWQS are included in Attachment A. Notable results of chemical analysis are as follows.

Volatile Organic Compounds

- Trichloroethene and 1,1-dichloroethene were detected in ground-water samples at concentrations below NYSDEC AWQS.
- No volatile organic compounds were detected in surface water, leachate, or quality control samples.

Baseline Metals

Baseline metals sampling included analysis of total metals, using unfiltered sample, and dissolved metals, using filtered sample. Filtered samples were collected to assess the degree to which suspended material may increase metal concentrations and are provided for comparison purposes. Notable results included the following:

- Chromium, iron, lead, magnesium, manganese, selenium, sodium, and thallium were detected in excess of NYSDEC AWQS in both filtered (dissolved) and unfiltered (total) ground-water samples. Cadmium, hexavalent chromium, selenium, and zinc were also detected in concentrations above NYSDEC AWQS in unfiltered (total) ground-water samples.
- Total and dissolved selenium and thallium were detected in excess of NYSDEC AWQS in the surface water sample.
- Total and dissolved chromium and total hexavalent chromium were detected in excess of NYSDEC AWQS in the leachate sample.
- Silica and thallium were detected in the rinse blank sample at a low concentration. Thallium was detected in the source water blank.

Water Quality Parameters

Water quality parameters, including alkalinity, ammonia (expressed as N), biological oxygen demand, chloride, chemical oxygen demand, nitrates (expressed as N), pH, phenolics, sulfate, total dissolved solids, total Kjeldahl nitrogen, and total organic carbon were also analyzed. Notable results included the following:

- Sulfate was detected in excess of NYSDEC AWQS in monitoring well MW-6B and its associated duplicate, and MW-8. Ammonia (expressed as N) was detected in excess of NYSDEC AWQS in MW-1A.

- Water quality parameters were within the limits of NYSDEC AWQS in surface water, leachate, and quality control samples.

LANDFILL INSPECTION

The landfill cap inspection was conducted on 29 November 2000. The Landfill Cap Inspection Checklist has been provided as Attachment E. Notable results of the inspection are summarized below:

- No cap erosion or exposed geotextile was noted on the ground surface. However, the geotextile fabric along the access road on the eastern side of the site is exposed. Additional stone is scheduled to be placed during 2001 to rectify this issue.
- The following areas require regrading:
 - Drainage ditch along the west and south of the site
 - Intermittent stream beyond the eastern fence-line.
- Unauthorized access was noted, i.e., all-terrain vehicle tracks and attempted cutting of exterior access road fence lock.

If you have any questions regarding the results of this monitoring event, please do not hesitate to contact Charles McLeod at (845) 565-8100.

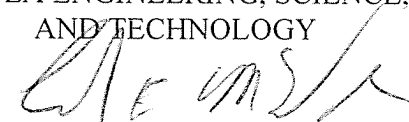
Sincerely,

EA ENGINEERING, P.C.



David S. Santoro, P.E., L.S.
President

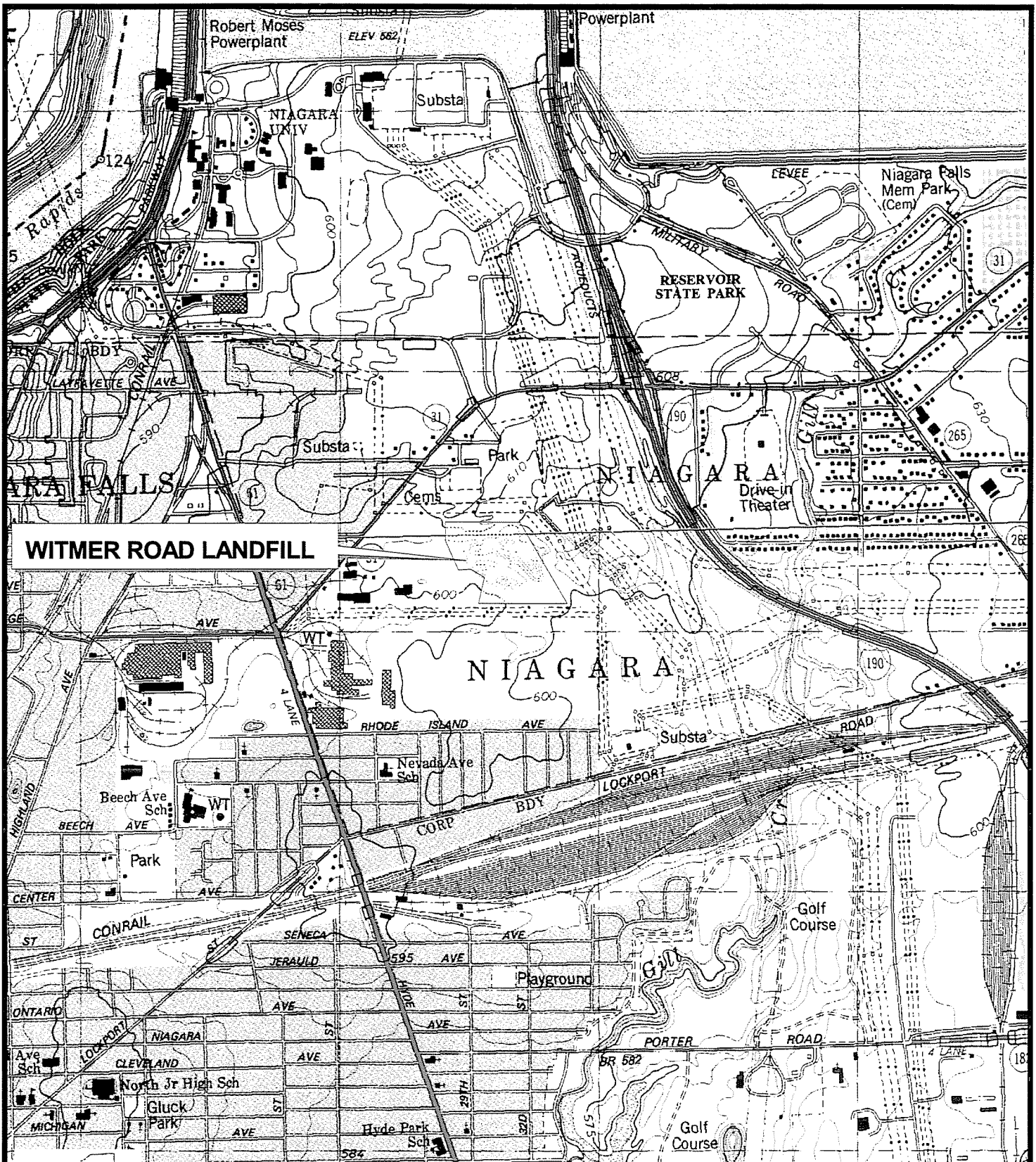
EA ENGINEERING, SCIENCE,
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Charles E. McLeod, Jr., P.E.
Project Manager

DSS/caw
Attachments

cc: M. Resh (BOC)
D. Hettrick (NYSDOH)
Town of Niagara Falls (Town Clerk)
S. Graham (EA)



1000 0 1000 2000 Feet



SOURCE MAP: USGS LEWISTON AND NIAGARA FALLS 7.5 - MINUTE QUADRANGLES

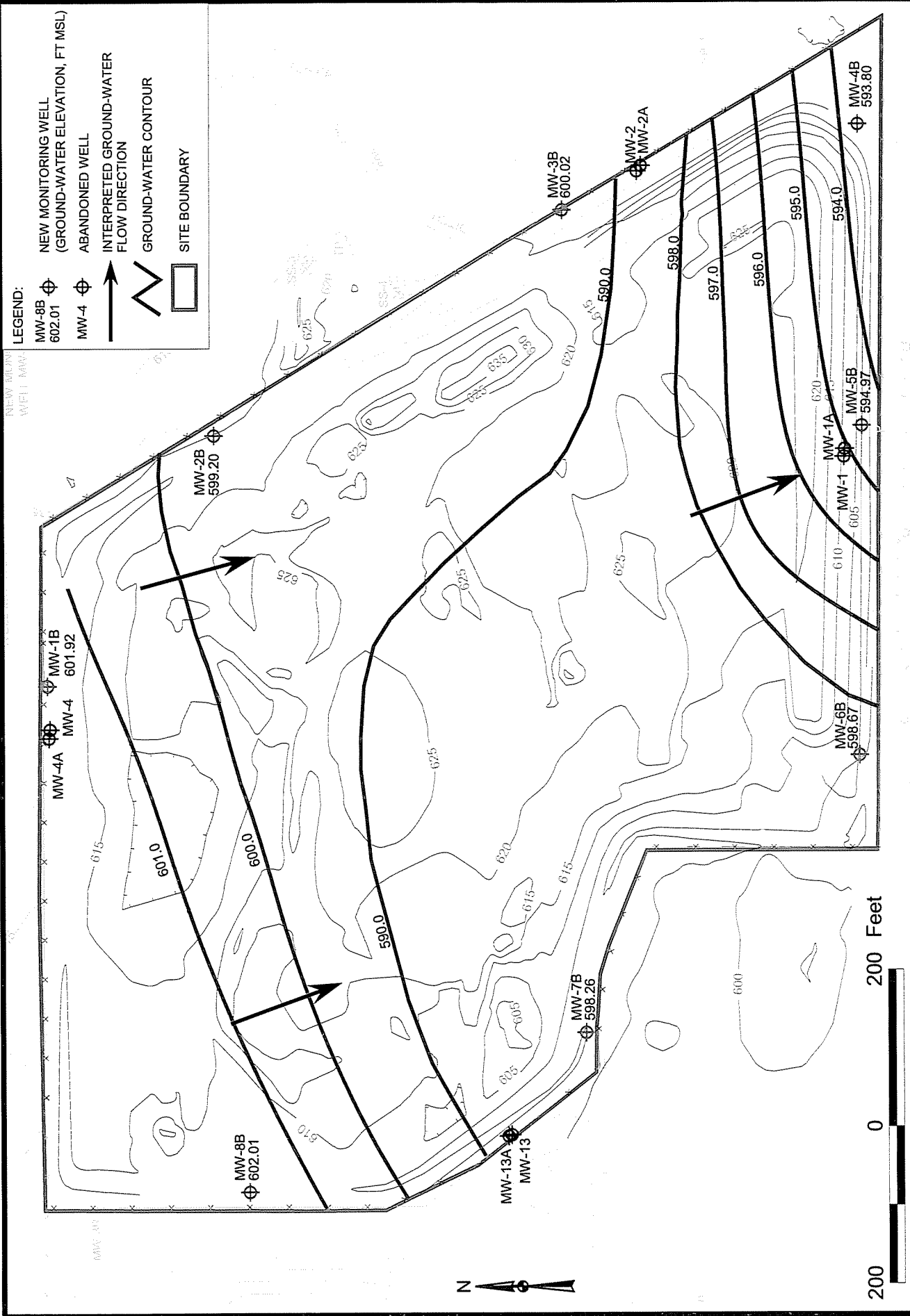


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WITMER ROAD LANDFILL
NIAGARA FALLS, NEW YORK

FIGURE I
SITE LOCATION MAP

PROJECT MGR CEM	DESIGNED BY BT	DRAWN BY BT	CHECKED BY CEM	SCALE AS SHOWN	DATE 13 DEC. 2000	PROJECT No 12040.68	FILE No I:\BOC-NIAGARA -GIS\BOC.APR
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WITMER ROAD LANDFILL
NIAGARA FALLS, NEW YORK

FIGURE 2
GROUND-WATER CONTOUR MAP
DECEMBER 2000

PROJECT MGR CEM	DESIGNED BY BT	DRAWN BY BT	CHECKED BY SD	SCALE AS SHOWN	DATE 5 FEB. 2001	PROJECT NO 12040.69	FILE NO I:\BOC-NIAGARA-GIS\BOC.APR
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TABLE 1 SUMMARY OF WATER ELEVATION DATA COLLECTED
IN DECEMBER 2000 AT THE WITMER ROAD LANDFILL,
NIAGARA FALLS, NEW YORK

Well ID	Gauging Date	Depth to Water (ft MSL)	Well Elevation (ft AMSL)	Corrected Water Elevation (ft MSL)
MW-1B	12/5/2000	15.85	617.77	601.92
MW-2B	12/6/2000	16.68	615.88	599.20
MW-3B	12/6/2000	11.20	612.22	600.02
MW-4B	12/6/2000	12.88	606.68	593.80
MW-5B	12/5/2000	10.51	605.48	594.97
MW-6B	12/5/2000	4.80	603.47	598.67
MW-7B	12/6/2000	11.20	609.48	598.26
MW-8B	12/6/2000	9.61	611.62	602.01

Attachment A

Summary of Analytical Results of Ground-Water, Surface Water, and Leachate Samples

ATTACHMENT A SUMMARY OF ANALYTICAL RESULTS OF GROUND-WATER, SURFACE WATER,
AND LEACHATE SAMPLES COLLECTED IN DECEMBER 2000,
WITMER ROAD LANDFILL, NIAGARA FALLS, NEW YORK

Ground Water

Volatile Organic Compounds by EPA Method 601-602 (µg/L)

		WRL-MW1B	WRL-MW2B	WRL-MW3B	WRL-MW6B	WRL-MW6B (Dup)	WRL-MW7B	WRL-MW8B
Compound/Element	AWQS							
1,1-Dichloroethane	5	(<1U)	1.4	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
Trichloroethene	5	1.6	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)

Baseline Metals by EPA Method 6010/6020 (mg/L)

Dissolved (Filtered)

		WRL-MW1B	WRL-MW2B	WRL-MW3B	WRL-MW6B	WRL-MW6B (Dup)	WRL-MW7B	WRL-MW8B
Compound/Element	AWQS							
Aluminum	---	(<0.005U)	0.19	0.14	(<0.005U)	(<0.005U)	0.006	0.38
Arsenic	0.025	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.005
Barium	1	0.081	0.34	0.01	0.05	0.05	0.032	0.058
Boron	1	(<0.005U)	(<0.1U)	(<0.1U)	(<0.1U)	(<0.1U)	(<0.1U)	(<0.1U)
Cadmium	0.005	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)
Calcium	---	143	391	18.8	95.5	97.9	11.1	138
Chromium	0.05	(<0.005U)	0.26	(<0.005U)	(<0.005U)	(<0.005U)	0.22	0.15
Copper	0.2	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)
Iron	0.3	(<0.025U)	(<0.025U)	(<0.025U)	(<0.025U)	(<0.025U)	(<0.025U)	0.45
Lead	0.025	0.15	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)
Magnesium	35*	46.8	(<1U)	7.5	62	65.2	5.6	65.6
Manganese	0.3	0.43	(<0.005U)	(<0.005U)	0.037	0.042	(<0.005U)	0.14
Nickel	0.1	(<0.005U)	0.006	0.005	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)
Potassium	---	4.1	15.2	2	2.6	2.8	1.7	4
Selenium	0.01	(<0.005U)	0.009	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.2
Silica	---	16	1.49	18.9	14.3	14.4	13.5	17.4
Sodium	20	83.1	48.5	42.4	47.9	50	52.1	82.2
Thallium	0.0005*	0.0016	0.0025	0.0034	0.0063	0.0014	0.0021	0.0017
Zinc	2*	0.12	0.006	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.032

ATTACHMENT A (CONTINUED)

Ground Water

Baseline Metals by EPA Method 6010/6020 (mg/L)

Total (Unfiltered)

		WRL-MW1B	WRL-MW2B	WRL-MW3B	WRL-MW6B	WRL-MW6B (Dup)	WRL-MW7B	WRL-MW8B
Compound/Element	AWQS							
Aluminum	---	2.8	8	0.11	0.039	(<0.005U)	3	53.6
Arsenic	0.025	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.015
Barium	1	0.11	0.33	0.014	0.05	0.045	0.057	0.48
Boron	1	0.16	(<0.1U)	(<0.1U)	(<0.1U)	(<0.1U)	(<0.005U)	(<0.1U)
Cadmium	0.005	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.01
Calcium	---	165	417	27.5	99.1	99.3	15.8	337
Chromium	0.05	0.009	0.34	(<0.005U)	(<0.005U)	(<0.005U)	0.36	0.12
Chromium, Hexavalent	0.05	(<0.01U)	0.095	(<0.01U)	(<0.01U)	(<0.01U)	0.256	0.088
Copper	0.2	(<0.005U)	0.011	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.096
Cyanide	0.2	(<0.004U)	(<0.004U)	(<0.004U)	(<0.004U)	(<0.004U)	0.006	(<0.004U)
Iron	0.3	2.7	10	0.044	0.063	(<0.025U)	3.4	70.3
Lead	0.025	0.014	0.025	(<0.005U)	(<0.005U)	(<0.005U)	66.2	0.19
Magnesium	35*	55.4	13.9	13.3	65.8	69.4	6.5	142
Manganese	0.3	0.61	0.33	0.021	0.044	0.062	0.076	1.8
Nickel	0.1	0.007	0.015	(<0.005U)	(<0.005U)	(<0.005U)	(<0.005U)	0.062
Potassium	---	6	18.3	1.4	2.8	2.5	6.5	29.1
Selenium	0.01	(<0.005U)	0.009	(<0.005U)	0.005	(<0.005U)	0.005	0.13
Silica	---	27.7	28.4	15.7	15.1	14.2	23.1	116
Sodium	20	82.2	55.8	44.5	50.4	56.8	51.3	93.5
Thallium	0.0005*	0.0015	0.0021	0.0024	0.0071	0.0013	0.0019	0.0018
Zinc	2*	34	0.24	(<0.005U)	(<0.005U)	(<0.005U)	(<0.1U)	1.9

Water Quality Parameters (mg/L)

Dissolved (Filtered)

		WRL-MW1B	WRL-MW2B	WRL-MW3B	WRL-MW6B	WRL-MW6B (Dup)	WRL-MW7B	WRL-MW8B
Compound/Element	AWQS							
Hardness	---	549	976	77.6	493	513	50.7	613

Total (Unfiltered)

		WRL-MW1B	WRL-MW2B	WRL-MW3B	WRL-MW6B	WRL-MW6B (Dup)	WRL-MW7B	WRL-MW8B
Compound/Element	AWQS							
Hardness	---	641	1100	124	518	533	66.2	1430

ATTACHMENT A (CONTINUED)

Ground Water

Water Quality Parameters (mg/L)

		WRL-MW1B	WRL-MW2B	WRL-MW3B	WRL-MW6B	WRL-MW6B (Dup)	WRL-MW7B	WRL-MW8B
Compound/Element	AWQS							
Alkalinity	---	350	1000	91	271	272	129	380
Ammonia (expressed as N)	2	(<1U)	2.57	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
BOD	---	2	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)	(<2U)
Chloride	250	233	44	57.1	61.7	61.8	10.3	68.1
COD	---	(<5U)	11.2	12.5	5.24	5.24	7.91	(<5U)
Nitrate (expressed as N)	10	(<0.1U)	(<0.1U)	(<0.1U)	1.19	1.19	(<0.1U)	3.68
pH	---	7.56	11.95	9.06	7.96	7.84	8.6	7.84
Phenolics	0.001	(<0.002U)	0.0139	0.00484	(<0.002U)	(<0.002U)	0.00222	(<0.002U)
Sulfate	250	214	21.7	22.1	305	317	39	475
TDS	---	1040	1010	252	765	837	238	1130
TKN	---	(<1U)	2.23	(<1U)	(<1U)	(<1U)	(<1U)	(<1U)
TOC	---	3.3	4.7	3.6	3	3.1	2.5	2.5

ATTACHMENT A (CONTINUED)

Surface Water

Volatile Organic Compounds by EPA Method 601-602 (µg/L)

		WRL-SS
Compound/Element	AWQS	
1,1-Dichloroethane	---	(<1U)
Trichloroethene	40	(<1U)

Baseline Metals by EPA Method 6010/6020 (mg/L)

Dissolved (Filtered)

		WRL-SS
Compound/Element	AWQS	
Aluminum	---	0.22
Arsenic	0.34	(<0.005U)
Barium	---	0.14
Boron	10	(<0.11U)
Cadmium	0.017**	(<0.005U)
Calcium	---	150
Chromium	0.0402**	(<0.005U)
Copper	0.0466**	(<0.005U)
Iron	0.3	(<0.025U)
Lead	0.3942**	(<0.005U)
Magnesium	---	(<1U)
Manganese	---	(<0.005U)
Nickel	1**	0.009
Potassium	---	139
Selenium	0.0046	0.01
Silica	---	13.7
Sodium	---	78
Thallium	0.02	0.0054
Zinc	0.3583**	(<0.005U)

ATTACHMENT A (CONTINUED)

Surface Water

Baseline Metals by EPA Method 6010/6020 (mg/L)

Total (Unfiltered)

		WRL-SS
Compound/Element	AWQS	
Aluminum	---	0.38
Arsenic	0.34	(<0.005U)
Barium	---	0.14
Boron	10	0.1
Cadmium	0.017**	(<0.005U)
Calcium	---	149
Chromium	0.0402**	(<0.005U)
Chromium, Hexavalent	0.016	(<0.01U)
Copper	0.0466**	(<0.005U)
Cyanide	0.022	(<0.004U)
Iron	0.3	0.16
Lead	0.3942**	(<0.005U)
Magnesium	---	(<1U)
Manganese	---	(<0.005U)
Nickel	1**	0.009
Potassium	---	134
Selenium	0.0046	0.011
Silica	---	13.5
Sodium	---	77.7
Thallium	0.02	0.0043
Zinc	0.3583**	(<0.005U)

Water Quality Parameters (mg/L)

Dissolved (Filtered)

		WRL-SS
Compound/Element	AWQS	
Hardness	---	374

Total (Unfiltered)

		WRL-SS
Compound/Element	AWQS	
Hardness	---	371

ATTACHMENT A (CONTINUED)

Surface Water

Water Quality Parameters (mg/L)

		WRL-SS
Compound/Element	AWQS	
Alkalinity	---	220
Ammonia (expressed as N)	---	24.8
BOD	---	9
Chloride	---	59.5
COD	---	33.6
Nitrate (expressed as N)	---	(<0.1U)
pH	---	10.35
Phenolics	---	0.0546
Sulfate	---	621
TDS	---	1160
TKN	---	25.6
TOC	---	(<1U)

ATTACHMENT A (CONTINUED)

Leachate

Volatile Organic Compounds by EPA Method 601-602 (µg/L)

		WRL-L1
Compound/Element	AWQS	
1,1-Dichloroethane	---	(<1U)
Trichloroethene	40	(<1U)

Baseline Metals by EPA Method 6010/6020 (mg/L)

Dissolved (Filtered)

		WRL-L1
Compound/Element	AWQS	
Aluminum	---	0.009
Arsenic	0.34	(<0.005U)
Barium	---	0.42
Boron	---	(<0.1U)
Cadmium	0.0888	(<0.005U)
Calcium	---	648
Chromium	0.053	0.6
Copper	0.1853	0.005
Iron	0.3	(<0.025U)
Lead	2	(<0.005U)
Magnesium	---	(<1U)
Manganese	---	(<0.005U)
Nickel	5	0.01
Potassium	---	51.3
Selenium	---	0.025
Silica	---	0.53
Sodium	---	54.6
Thallium	0.02	0.0019
Zinc	1	(<0.005U)

ATTACHMENT A (CONTINUED)

Leachate

Baseline Metals by EPA Method 6010/6020 (mg/L)

Total (Unfiltered)

		WRL-L1
Compound/Element	AWQS	
Aluminum	---	0.01
Arsenic	0.34	(<0.005U)
Barium	---	0.43
Boron	---	(<0.1U)
Cadmium	0.0888	(<0.005U)
Calcium	---	682
Chromium	0.053	0.63
Chromium, Hexavalent	0.016	0.63
Copper	0.1853	(<0.005U)
Cyanide	0.022	(<0.004U)
Iron	0.3	(<0.025U)
Lead	2	(<0.005U)
Magnesium	---	(<1U)
Manganese	---	(<0.005U)
Nickel	5	0.01
Potassium	---	55.1
Selenium	---	0.025
Silica	---	0.57
Sodium	---	57.5
Thallium	0.02	0.0015
Zinc	1	(<0.005U)

Water Quality Parameters (mg/L)

Dissolved (Filtered)

		WRL-L1
Compound/Element	AWQS	
Hardness	---	1620

Total (Unfiltered)

		WRL-L1
Compound/Element	AWQS	
Hardness	---	1700

ATTACHMENT A (CONTINUED)

Leachate

Water Quality Parameters (mg/L)

		WRL-L1
Compound/Element	AWQS	
Alkalinity	---	1740
Ammonia (expressed as N)	---	3.4
BOD	---	5
Chloride	---	32.9
COD	---	(<5U)
Nitrate (expressed as N)	---	(<0.1U)
pH	---	11.09
Phenolics	---	0.0266
Sulfate	---	12
TDS	---	1410
TKN	---	4.32
TOC	---	5.3

ATTACHMENT A (CONTINUED)

QA/QC

Volatile Organic Compounds by EPA Method 601-602 (µg/L)

		Rinse Blank	Source Water Blank
Compound/Element	AWQS		
1,1-Dichloroethane	---	(<1U)	(<1U)
Trichloroethene	---	(<1U)	(<1U)

Baseline Metals by EPA Method 6010/6020 (mg/L)

Dissolved (Filtered)

		Rinse Blank	Source Water Blank
Compound/Element	AWQS		
Aluminum	---	(<0.005U)	(<0.005U)
Arsenic	---	(<0.005U)	(<0.005U)
Barium	---	(<0.005U)	(<0.005U)
Boron	---	(<0.1U)	(<0.1U)
Cadmium	---	(<0.005U)	(<0.005U)
Calcium	---	(<0.5U)	(<0.5U)
Chromium	---	(<0.005U)	(<0.005U)
Copper	---	(<0.005U)	(<0.005U)
Iron	---	(<0.025U)	(<0.025U)
Lead	---	(<0.005U)	(<0.005U)
Magnesium	---	(<1U)	(<1U)
Manganese	---	(<0.005U)	(<0.005U)
Nickel	---	(<0.005U)	(<0.005U)
Potassium	---	(<1U)	(<1U)
Selenium	---	(<0.005U)	(<0.005U)
Silica	---	0.1	(<0.1U)
Sodium	---	(<1U)	(<1U)
Thallium	---	0.0069	0.0027
Zinc	---	(<0.005U)	(<0.005U)

ATTACHMENT A (CONTINUED)

QA/QC

Baseline Metals by EPA Method 6010/6020 (mg/L)

Total (Unfiltered)

		Rinse Blank	Source Water Blank
Compound/Element	AWQS		
Aluminum	---	(<0.005U)	(<0.005U)
Arsenic	---	(<0.005U)	(<0.005U)
Barium	---	(<0.005U)	(<0.005U)
Boron	---	(<0.1U)	(<0.1U)
Cadmium	---	(<0.005U)	(<0.005U)
Calcium	---	(<0.5U)	(<0.5U)
Chromium	---	(<0.005U)	(<0.005U)
Chromium, Hexavalent	---	(<0.01U)	(<0.01U)
Copper	---	(<0.005U)	(<0.005U)
Cyanide	---	(<0.004U)	(<0.004U)
Iron	---	(<0.025U)	(<0.025U)
Lead	---	(<5.4U)	(<0.005U)
Magnesium	---	(<1U)	(<1U)
Manganese	---	(<0.005U)	(<0.005U)
Nickel	---	(<0.005U)	(<0.005U)
Potassium	---	(<1U)	(<1U)
Selenium	---	(<0.005U)	(<0.005U)
Silica	---	(<0.1U)	(<0.1U)
Sodium	---	(<1U)	(<1U)
Thallium	---	0.0082	0.0028
Zinc	---	(<0.005U)	(<0.005U)

Water Quality Parameters (mg/L)

Dissolved (Filtered)

		Rinse Blank	Source Water Blank
Compound/Element	AWQS		
Hardness	---	(<5.4U)	(<5.4U)

Total (Unfiltered)

		Rinse Blank	Source Water Blank
Compound/Element	AWQS		
Hardness	---	(<5.4U)	5.4

ATTACHMENT A (CONTINUED)

QA/QC

Water Quality Parameters (mg/L)

		Rinse Blank	Source Water Blank
Compound/Element	AWQS		
Alkalinity	---	3	4
Ammonia (expressed as N)	---	(<1U)	(<1U)
BOD	---	(<2U)	(<2U)
Chloride	---	(<1U)	(<1U)
COD	---	6.61	(<5U)
Nitrate (expressed as N)	---	(<0.1U)	(<0.1U)
pH	---	6.14	5.63
Phenolics	---	(<0.002U)	(<0.002U)
Sulfate	---	(<2U)	(<4U)
TDS	---	(<4U)	25
TKN	---	(<1U)	(<1U)
TOC	---	(<1U)	(<1U)

ATTACHMENT A (CONTINUED)

TABLE NOTES

- AWQS = New York State Ambient Water Quality Standards and Guidance Values from Division of Water and Technical and Operational Guidance Series (1.1.1) June 1998.
- * = Indicated guidance value.
- ** = Standard calculated based on sample hardness as per NYW AWQS.
- U = Not detected. Sample quantitation limits shown as (<__U).
- BOD = Biological Oxygen Demand.
- COD = Chemical Oxygen Demand.
- TOC = Total Organic Carbon.
- TDS = Total Dissolved Solids.
- TKN = Total Kjeldahl Nitrogen.

Only those analytes detected in at least one of the samples is shown on this table. Results shaded and in boldface indicate concentrations in excess of New York State Ambient Water Quality Standards or Guidance Values.

Analytical Methods for Water Quality Parameters

Alkalinity	=	EPA 310.1
Ammonia (expressed as Nitrogen)	=	EPA 350.2
BOD	=	SM1852
Chloride	=	EPA 325.2
COD	=	EPA 410.4
Nitrate	=	EPA 353.2
pH	=	EPA 150.1
Phenolics	=	EPA 420.2
Sulfate	=	EPA 375.3
TDS	=	EPA 160.1
TKN	=	EPA 351.3
TOC	=	SW846 9060

Attachment B

Ground-Water Sampling Purge Forms



EA Engineering,
Science and
Technology

GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-1B	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -19°, WINDY
Sounding Method: WLI	Gauge Date: 12/5/00	Measurement Ref: TOR
Stick Up/Down (ft): UP	Gauge Time: 1310	Well Diameter (in): 2"

Purge Date: 12/5/00	Purge Time: 1325
Purge Method: PERISTALTIC PUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 15.85	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1325	15.85	-	0.25	9.31	N/C	10.3	1.28	8.34	7999	0.05
1329		1		9.09		10.5	1.34	4.57	7999	0.06
1333	16.75	2		8.57		10.5	1.44	3.07	7999	0.07
1342		3		7.73		9.3	1.55	2.13	7999	0.07
1346	16.35	4		7.51		9.8	1.58	1.43	901	0.07
1350		5		7.40		10.0	1.61	1.04	504	0.07
1354		6		7.30		10.0	1.61	0.87	341	0.07
1359		7		7.19		9.9	1.63	0.77	259	0.07
1403		8		7.14		9.9	1.63	0.47	145	0.07
1407		9		7.14	✓	9.9	1.63	0.41	155	0.07

Total Quantity of Water Removed (gal): _____
 Samplers: JC/BA
 Sampling Date: 12/5/00

Sampling Time: 1410
 Split Sample With: N/A
 Sample Type: GRAB

COMMENTS AND OBSERVATIONS: FLOW CELL NEEDED TO BE CLEANED AFTER SECOND VOLUME. SAND.



EA Engineering,
Science and
Technology

GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-2B	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -19°, WINDY
Sounding Method: WLI	Gauge Date: 12/5/00	Measurement Ref: TOR
Stick Up/Down (ft): UP	Gauge Time: 1425	Well Diameter (in): 2"

Purge Date: 12/5/00	Purge Time: 1435
Purge Method: PERISTALTIC PUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 16.68	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1435	16.68	*								
WATER QUALITY PRIOR TO SAMPLING AND AFTER SAMPLING ON 12/6/00 BELOW:										
0905	15.83	-	-	11.49	-	9.6	3.92	7.02	168	0.19
0945	-	-	-	12.28	-	4.2	4.80	2.75	290	0.23

Total Quantity of Water Removed (gal): ~5
 Samplers: JC/BA
 Sampling Date: 12/6/00

Sampling Time: 0910
 Split Sample With: 0050
 Sample Type: GRAB

COMMENTS AND OBSERVATIONS: * WELL PUMPED UNTIL DRY, ~ 3 gal. WATER QUALITY NOT RECORDED DUE TO VERY HEAVY SILT + SLUDGE, PUMP COULD HARDLY PULL H2O UP.



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GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-3B	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -5°, WINDY
Sounding Method: WLI	Gauge Date: 12/6/00	Measurement Ref: TOR
Stick Up/Down (ft): UP	Gauge Time: 1335	Well Diameter (in): 2"

Purge Date: 12/6/00	Purge Time: 1345
Purge Method: PERISTALTIC PUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 11.20	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1345	11.20	-	0.25	9.25	N/C	9.9	.368	0.65	11	0.01
1349	13.50	1		9.43		10.4	.357	0.49	6	0.01
1353	13.92	2		9.65		10.2	.336	0.70	1	0.01
1357	14.09	3		9.64		10.2	.331	0.68	0	0.01
1402	14.45	4		9.56	/	10.0	.332	0.60	0	0.01

Total Quantity of Water Removed (gal): <u>~ 6</u>	Sampling Time: <u>1405</u>
Samplers: <u>JC/BA</u>	Split Sample With: <u>N/A</u>
Sampling Date: <u>12/6/00</u>	Sample Type: <u>GRAB</u>

COMMENTS AND OBSERVATIONS: GOOD WELL



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GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-5B	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -5°, WINDY
Sounding Method: WLI	Gauge Date: 12/6/00	Measurement Ref: TOR
Stick Up/Down (ft): VP	Gauge Time: 1035	Well Diameter (in): 2"

Purge Date: 12/6/00	Purge Time: 1100
Purge Method: PERISTALTIC PUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 10.51	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1100	10.51	-	0.25	7.71	N/C	10.1	1.43	3.70	87	0.06
1104	12.62	1		7.64		10.1	1.42	2.24	27	0.06
1108	12.79	2		7.53		9.9	1.39	0.41	7	0.06
1113	13.35 (Day)	3		7.45	✓	10.0	1.38	0.79	8	0.06

Total Quantity of Water Removed (gal): ~ 3 gal	Sampling Time: _____
Samplers: _____	Split Sample With: _____
Sampling Date: _____	Sample Type: _____

COMMENTS AND OBSERVATIONS: WELL WENT DRY AFTER 3 VOLUMES. CAME BACK ~ 4.5 HOURS LATER, DTW = 13.85. WELL NOT SAMPLED DUE TO VERY SLOW RECOVERY.



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GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-6T3	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -19°, WINDY
Sounding Method: WLI	Gauge Date: 12/5/00	Measurement Ref: TOR
Stick Up/Down (ft): UD	Gauge Time: 0850	Well Diameter (in): 2"

Purge Date: 12/5/00	Purge Time: 1040
Purge Method: PERISTALTIC PUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 4.80	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1040	4.80	-	0.25	5.87	N/C	10.1	121	1.10	37	.05
1044	6.38	1		6.51		10.0	120	0.60	27	.05
1048	9.75	2		6.96		10.1	114	3.50	28	.05
1052	10.95	3		7.19		10.1	112	4.76	26	.04
1056	11.70	4		7.28		10.1	112	4.79	18	.04
1100	12.07	5		7.30	↓	10.0	112	4.78	8	.04

Total Quantity of Water Removed (gal): ~7
 Samplers: JC/BA
 Sampling Date: 12/5/00

Sampling Time: 1105
 Split Sample With: N/A
 Sample Type: GRAB

COMMENTS AND OBSERVATIONS: ALSO COLLECTED DUP. (WRL-DUP-1200). GOOD WELL



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GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-7B	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -5°, WINDY
Sounding Method: WLI	Gauge Date: 12/6/00	Measurement Ref: TOR
Stick Up/Down (ft): UP	Gauge Time: 1200	Well Diameter (in): 2"

Purge Date: 12/6/00	Purge Time: 1217
Purge Method: PERISTALTIC PUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 11.22	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1217	11.22	-	0.25	8.57	N/C	8.1	.345	0.60	234	0.01
1221	14.66	1		8.63		7.2	.342	0.53	172	0.01
1225	15.54	2		8.61		5.1	.333	1.36	67	0.01
1229	16.25	3		8.60	γ	5.0	.330	1.42	89	0.01

Total Quantity of Water Removed (gal): <u>25</u>	Sampling Time: <u>1235</u>
Samplers: <u>JC/BA</u>	Split Sample With: <u>N/A</u>
Sampling Date: <u>12/6/00</u>	Sample Type: <u>GRAB</u>

COMMENTS AND OBSERVATIONS: GOOD WELL!



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GROUND WATER SAMPLING PURGE FORM

Well I.D.: WRL-MW-BB	EA Personnel: JC/BA	Client: BOC
Location: NIAGARA FALLS	Well Condition: GOOD	Weather: -5° WINDY
Sounding Method: WLI	Gauge Date: 12/6/00	Measurement Ref: TOR
Stick Up/Down (ft): UP	Gauge Time: 1300	Well Diameter (in): 2"

Purge Date: 12/6/00	Purge Time: 1310
Purge Method: PERISTALTIC DUMP	Field Technician: JC/BA

Well Volume		
A. Well Depth (ft):	D. Well Volume (ft):	Depth/Height of Top of PVC:
B. Depth to Water (ft): 9.61	E. Well Volume (gal) C*D):	Pump Type:
C. Liquid Depth (ft) (A-B):	F. Five Well Volumes (gal) (E3):	Pump Designation:

Water Quality Parameters										
Time (hrs)	DTW (ft btoc)	Volume (gal)	Rate (gpm)	pH (pH units)	Eh (mv)	Temperature (oC)	Conductivity (uS/cm)	DO (ug/L)	Turbidity (ntu)	Salinity (%)
1310	9.61	-	0.25	7.69	N/C	11.5	2.06	1.74	999	0.09
1314	12.01	1		7.55		11.0	1.96	2.13	413	0.09
1318	14.12	2		7.47		10.9	1.90	1.65	65	0.08
1322	14.79	3		7.43		10.8	1.94	1.06	0.48 49	0.09
1326	15.50 (DAY)	4		7.43	✓	10.9	1.96	1.25	0.48	0.09

Total Quantity of Water Removed (gal): <u>~6</u>	Sampling Time: <u>1500</u>
Samplers: <u>JC/BA</u>	Split Sample With: <u>-</u>
Sampling Date: <u>12/6/00</u>	Sample Type: <u>GRAB</u>

COMMENTS AND OBSERVATIONS: WELL WENT DRY AFTER 4 VOLUMES. CAME BACK ~ 1.5 HOURS LATER, COLLECTED SAMPLE.

Attachment C
Chain-of-Custody Records



Environmental LABORATORY SERVICES
 7280 Castwell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0249 (800) 843-8265

CHAIN OF CUSTODY RECORD and Authorization for Analysis

Name: SCOTT GRAHAM		Title:					
Company: E.A. ENGINEERING & SCIENCE		Dept.:					
Address: 707 FLY RD.		Job/PO No.:					
City, State, Zip: EAST SYRACUSE, NY 13057							
<input type="checkbox"/> Telephone Results Telephone No. 421-4280 Advance Agreement Required <input type="checkbox"/> Fax Results Fax No. <input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour Express Service							
The following services may result in additional charges: To be completed by Sampler. Please remember to record this information on the container label.							
ELS Number	Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers
209275	12/1/00	0920		X		WAL-SS-1200	1
209276							2
209277							1
209278							1
209279							1
209280							2
209281							1
209282							2
209495	12/4/00	11:00 am				TRIP BLANK	2
	12/7/00	0920		X		WAL-SS-1200	1

Containers Dispensed by: <i>[Signature]</i>	Date: 2-11	Time: 11:00	Container(s) Received by: <i>[Signature]</i>	Date: 2/14/00	Time: 1:00
Relinquished by: <i>[Signature]</i>	Date: 2/16/00	Time: 1:35	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Lab by: <i>[Signature]</i>	Date: 2-7-00	Time: 1:43

Analyses Required, Remarks, and/or Special Instructions	Phenolics	TKN, NH3-N, COD, TOC
	Dissolved Metals	Total Metals-Baseline
	Total Cyanide	Alkalinity Etc
	Hexavalent Chromium	COI, CO2
	COI, CO2	COI, CO2
	BOD, NITRATE	

White - LABORATORY Please return completed form and all sample containers to Environmental Laboratory Services.
 Canary - ACCOMPANIES RESULTS

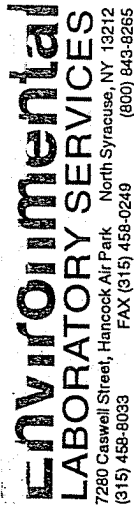


Environmental
LABORATORY SERVICES
7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212
(315) 458-8033 FAX (315) 458-0249 (800) 843-8265

CHAIN OF CUSTODY RECORD
and Authorization for Analysis

Name: SCOTT GRAHAM		Title:															
Company: E A ENGINEERING & SCIENCE		Dept.:															
Address: 737 FLY RD		Job/PO No.:															
City, State, Zip: EAST SYRACUSE, NY 13057																	
<p>The following services may result in additional charges:</p> <input type="checkbox"/> Telephone Results Telephone No. 451-4200 <input type="checkbox"/> Advance Agreement Required <input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour <input type="checkbox"/> Fax Results Fax No.																	
To be completed by Sampler. Please remember to record this information on the container label.																	
ELS Number	Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers	Plastic/No Preservatives	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄	Other: (specify)	Analyses Required, Remarks, and/or Special Instructions
709783							1	Amber Glass/H ₂ SO ₄									Phenolics
709284							2	Plastic/H ₂ SO ₄									TKN, NH ₃ -N, COD, TOC
709285							1	Plastic/HNO ₃									Dissolved Metals
709286							1	Plastic/HNO ₃									Total Metals - Baseline
709287							1	Plastic/NaOH/Ascorbic									Total Cyanide
709288							2	Plastic/No Pres									Alkalinity/Free
709289	12/1/02	1005		X			1	Plastic/No Pres									Hexavalent Chromium
709290							2	Glass/HCl									601.602
Containers Dispensed by: [Signature]								Date: 12/1/02		Time: 11:00		Container(s) Received by: [Signature]					
Relinquished by: [Signature]								Date: 12/1/02		Time: 1445		Received by: [Signature]					
Relinquished by: [Signature]								Date:		Time:		Received by:					
Relinquished by: [Signature]								Date:		Time:		Received by:					
Relinquished by: [Signature]								Date:		Time:		Received at Lab by: [Signature]					
Sampler Signature: [Signature]								Date: 12/1/02		Time: 1445		Date: 12/1/02					

White - LABORATORY
Please return completed form and all sample containers to Environmental Laboratory Services.
Capacity - ACCOMPANIES RESULTS
Pink - CLIENT
2217.ELS..202.0310



CHAIN OF CUSTODY RECORD and Authorization for Analysis

Name: **SCOTT GRAHAM** Title: _____
 Company: **ETA ENGINEERING & SCIENCE** Dept.: _____
 Address: **737 FLY RD.** Job/PO No.: _____
 City, State, Zip: **EAST SYRACUSE, NY 13057**

The following services may result in additional charges:
 Telephone Results Telephone No. **431-4280** Advance Agreement Required
 Fax Results Fax No. _____ 1 Week 48 Hour
 Express Service

To be completed by Sampler. Please remember to record this information on the container label.

ELS Number	Date	Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers	Plastic/No Preservatives	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄	Other: (specify)	Analyses Required, Remarks, and/or Special Instructions
209291	12/16/00	0910		X		WB - MW13-1700	1	Amber Glass/H ₂ SO ₄									Phenolics
209292		0910		X			2	Plastic/H ₂ SO ₄									TKN, NH ₃ -N, COD, TOC
209295		1530		X			1	Plastic/HNO ₃									Dissolved Metals
209294		0910		X			1	Plastic/HNO ₃									Total Metals Baseline
209295		0910		X			1	Plastic/NaOH/Ascorbic									Total Cyanide
209296		0910		X			2	Plastic/40 PYBS									Alkalinity Etc
209297		1530		X			1	Plastic/40 PYBS									Hexavalent Chromium *
209298		0910		X			2	Glass/HCl									601, 602
		0910		X			1	PLASTIC / NO PRES									BOD, NITRATE *
																	* NOTE : HEX CHROM AND
																	BOD, NITRATE SAMPLES
																	SHIPPED TO ELS ON 12/16/00.
																	REMAINING SAMPLES TO BE
																	HAND DELIVERED ON 12/17/00
Containers Dispensed by:	<i>[Signature]</i>	Date: 12/16/00	Time: 1630	Container(s) Received by:	<i>[Signature]</i>	Date: 12/14/00	Time: 1600										
Relinquished by:	<i>[Signature]</i>	Date: 12/16/00	Time: 1630	Received by:		Date:	Time:										
Relinquished by:		Date:	Time:	Received by:		Date:	Time:										
Relinquished by:		Date:	Time:	Received by:		Date:	Time:										
Relinquished by:		Date:	Time:	Received at Lab by:	<i>[Signature]</i>	Date: 12-7-00	Time: 8:35										

Name SCOTT GRAHAM		Title															
Company E.A. ENGINEERING & SCIENCE		Dept.															
Address 707 FLY RD.		Job/PO No.															
City, State, Zip EAST SYRACUSE, NY 10057																	
The following services may result in additional charges: <input type="checkbox"/> Telephone Results Telephone No. 431 4280 <input type="checkbox"/> Fax Results Fax No. _____ <input type="checkbox"/> Express Service <input type="checkbox"/> Advance Agreement Required <input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour																	
To be completed by Sampler. Please remember to record this information on the container label.																	
ELS Number	Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers	Plastic/No Preservatives	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄	Other: (Specify)	Analyses Required, Remarks, and/or Special Instructions
209299	12/5/00	0820	X			WRL-SWB-1200	1	Amber Glass/H ₂ SO ₄								Phenolics	
209300			X			WRL-SWB-1200	2	Plastic/H ₂ SO ₄								TKN, NH ₃ -N, COD, TOC	
209301			X			WRL-SWB-1200	1	Plastic/H ₂ SO ₄								Dissolved Metals	
209302			X			WRL-SWB-1200	1	Plastic/H ₂ SO ₄								Total Metals-Baseline	
209303			X			WRL-SWB-1200	1	Plastic/H ₂ SO ₄								Total Cyanide	
209304			X			WRL-SWB-1200	2	Plastic/H ₂ SO ₄								Alkalinity Etc	
209305			X			WRL-SWB-1200	1	Plastic/H ₂ SO ₄								*Hexavalent Chromium	
209306			X			WRL-SWB-1200	2	Glass/HCl								601.602	
209307	12/5/00	0820	X			WRL-SWB-1200	1	PLASTIC/NO PRES								*BOD, NITRATE *HEXACHROM AND HEX CHROM SAMPLES SHIPPED TO ELS ON 12/5/00 REMAINING SAMPLES TO BE HAND DELIVERED ON 12/17/00 BOD, NITRATE *SEE NOTE AT BOTTOM	
Containers Dispensed by: <i>[Signature]</i>		Date: 12/5/00	Time: 16:00	Container(s) Received by: <i>[Signature]</i>		Date: 12/14/00	Time: 16:00										
Relinquished by: <i>[Signature]</i>		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____										
Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____										
Relinquished by: _____		Date: _____	Time: _____	Received by: _____		Date: _____	Time: _____										
Relinquished by: _____		Date: _____	Time: _____	Received at Lab by: <i>[Signature]</i>		Date: 12/6/00	Time: 0:20										
Sampler Signature: <i>[Signature]</i>		White - LABORATORY Please return completed form and all sample containers to Environmental Laboratory Services. Capacity - ACCOMPANIES RESULTS Cool, 7°C Pink - CLIENT 2217.ELS..202.9310															



Environmental
LABORATORY SERVICES
 7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0249 (800) 843-8265

CHAIN OF CUSTODY RECORD
 and Authorization for Analysis

Name SCOTT GRAHAM Title Company E.A. ENGINEERING & SCIENCE Dept. Address 737 FLY RD. Job/PO No. City, State, Zip EAST SYRACUSE, NY 13057		Telephone No. 431-4230 Fax No. <input type="checkbox"/> Telephone Results <input type="checkbox"/> Fax Results <input type="checkbox"/> Express Service <input type="checkbox"/> Advance Agreement Required <input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour					
The following services may result in additional charges: To be completed by Sampler. Please remember to record this information on the container label.							
ELS Number	Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers
209307	12/5/00	0930		X		WRL-L1-1200	1
209308				X		WRL-L1-1200	2
209309				X		WRL-L1-1200	1
209310				X		WRL-L1-1200	1
209311				X		WRL-L1-1200	1
209312				X		WRL-L1-1200	2
209313				X		WRL-L1-1200	1
209314				X		WRL-L1-1200	2
				X		WRL-L1-1200	1

Containers Dispensed by:	Date 12/11/00	Time 11:00	Container(s) Received by:	Date 12/14/00	Time 16:00
Relinquished by:	Date 12/15/00	Time 16:00	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received at Lab by:	Date 12/16/00	Time 10:30

Sampler Signature:	Date 12/16/00	Time 10:30
White - LABORATORY	Date 12/16/00	Time 10:30
Canary - ACCOMPANIES RESULTS	Date 12/16/00	Time 10:30
Pink - CLIENT	Date 12/16/00	Time 10:30

Please return completed form and all sample containers to Environmental Laboratory Services.



Environmental LABORATORY SERVICES
 7260 Caswell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0249 (800) 843-8265

CHAIN OF CUSTODY RECORD and Authorization for Analysis

Name: SCOTT GRAHAM		Title:					
Company: EPA ENGINEERING & SCIENCE		Dept.:					
Address: 737 FLY RD.		Job/PO No.:					
City, State, Zip: EAST SYRACUSE, NY 13057							
The following services may result in additional charges: <input type="checkbox"/> Telephone Results Telephone No. 421-4280 Advance Agreement Required <input type="checkbox"/> Fax Results Fax No. <input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour Express Service							
To be completed by Sampler. Please remember to record this information on the container label.							
ELS Number	Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers
209323	12/15/00	-		X		WRI - DWP - 1200	1
209324		-		X			2
209325		-		X			1
209326		-		X			1
209327		-		X			1
209328		-		X			2
209329		-		X			1
209330		-		X			2
				X		PLASTIC / NO PRES.	1

Containers Dispensed by: <i>[Signature]</i>	Date: 12/11/00	Time: 1:10	Container(s) Received by: <i>[Signature]</i>	Date: 12/14/00	Time: 1:00
Relinquished by: <i>[Signature]</i>	Date: 12/14/00	Time: 1:00	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Lab by: <i>[Signature]</i>	Date: 12/16/00	Time: 10:30

Sampler Signature: <i>[Signature]</i>	Date: 12/16/00	Time: 10:30
White - LABORATORY	Date: 12/16/00	Time: 10:30
Pink - CLIENT	Date: 12/16/00	Time: 10:30

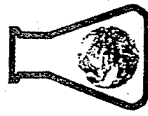
Please return completed form and all sample containers to Environmental Laboratory Services.
 Canary - ACCOMPANIES RESULTS (color 70c)
 White - LABORATORY
 Pink - CLIENT



Environmental LABORATORY SERVICES
 7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0249 (800) 843-8265

CHAIN OF CUSTODY RECORD
 and Authorization for Analysis

Name: SCOTT GRAHAM		Title:																	
Company: E.A. ENGINEERING & SCIENCE		Dept:																	
Address: 737 FLY RD.		Job/PO No.:																	
City, State, Zip: EAST SYRACUSE, NY 13057																			
The following services may result in additional charges:																			
<input type="checkbox"/> Telephone Results		Telephone No. 431-4280																	
<input type="checkbox"/> Fax Results		Fax No. _____																	
		<input type="checkbox"/> 1 Week																	
		<input type="checkbox"/> 48 Hour																	
Express Service																			
Advance Agreement Required																			
To be completed by Sampler. Please remember to record this information on the container label.																			
ELS Number	*Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers	Plastic/No Preservatives	Plastic/HNO ₃	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄	Other: (specify)	Analyses Required, Remarks, and/or Special Instructions	
209331	12/5/00	1105		X		WRL-MW6B-1200	1	Amber Glass/H ₂ SO ₄							Amber Glass/H ₂ SO ₄			Phenolics	
209332				X		WRL-MW6B-1200	2	Plastic/HNO ₃							Plastic/H ₂ SO ₄			TKN, NH ₃ -N, COD, TOC	
209333				X		WRL-MW6B-1200	1	Plastic/HNO ₃							Plastic/H ₂ SO ₄			Dissolved Metals	
209334				X		WRL-MW6B-1200	1	Plastic/HNO ₃							Plastic/H ₂ SO ₄			Total Metals-Baseline	
209335				X		WRL-MW6B-1200	1	Plastic/HNO ₃							Plastic/H ₂ SO ₄			Total Cyanide	
209336				X		WRL-MW6B-1200	2	Plastic/HNO ₃							Plastic/H ₂ SO ₄			Alkalinity Etc	
209337				X		WRL-MW6B-1200	1	Plastic/HNO ₃							Plastic/H ₂ SO ₄			Hexavalent Chromium*	
209338				X		WRL-MW6B-1200	2	Class/HC							Class/HC			601,602	
				X		WRL-MW6B-1200	1	PLASTIC/NO PRES							PLASTIC/NO PRES			BOD, NITRATES*	
*NOTE: HEX CHROM AND BOD, NITRATES SAMPLE SHIPPED TO ELS ON 12/6/00 REMAINING SAMPLES TO BE HAND DELIVERED ON 12/7/00																			
Containers Dispensed by:		Date 12/11		Time 11:30		Container(s) Received by:		Date 12/12/00		Time 1:00		Date 12/12/00		Time 1:00		Date 12/12/00		Time 1:00	
Relinquished by:		Date		Time		Received by:		Date		Time		Date		Time		Date		Time	
Relinquished by:		Date		Time		Received by:		Date		Time		Date		Time		Date		Time	
Relinquished by:		Date		Time		Received by:		Date		Time		Date		Time		Date		Time	
Relinquished by:		Date		Time		Received at Lab by:		Date 12/12/00		Time 1:00		Date 12/12/00		Time 1:00		Date 12/12/00		Time 1:00	
Sampler Signature:		Date		Time		Received at Lab by:		Date 12/12/00		Time 1:00		Date 12/12/00		Time 1:00		Date 12/12/00		Time 1:00	



Environmental LABORATORY SERVICES
 7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0249 (800) 843-8265

CHAIN OF CUSTODY RECORD
 and Authorization for Analysis

Name: **SCOTT GRAHAM** Title: _____
 Company: **E.A. ENGINEERING & SCIENCE** Dept: _____
 Address: **737 FLY RD.** Job/PO No.: _____
 City, State, Zip: **EAST SYRACUSE, NY 13057**

The following services may result in additional charges:
 Telephone Results Telephone No. **401-4200** Advance Agreement Required
 Fax Results Fax No. _____ Express Service
 1 Week 48 Hour

ELS Number	To be completed by Sampler. Please remember to record this information on the container label.				Number of Containers	Container Type/Preservative								Analyses Required, Remarks, and/or Special Instructions			
	*Date	*Time	*Comp.	*Grab		*Matrix	*Sampling Location	Plastic/No Preservatives	Plastic/HNO ₃	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative		Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄
209339	12/6/00	1405		X		WRL-MW3B-1200	1	Amber									Phenolics
209340				X			2	Plastic									TKN, NH ₃ -N, COD, TOC
209341				X			1	Plastic									Dissolved Metals
209342				X			1	Plastic									Total Metals Baseline
209343				X			1	Plastic									Total Cyanide
209344				X			2	Plastic									Alkalinity Etc
209345				X			1	Plastic									Hexavalent Chromium
209346				X			2	Glass									COI, COZ
				X			1	PLASTIC / NO PRES									BOD, NITRATES *
																	*NOTE: HEX CHEOM AND BOD, NITRATE SAMPLES SHIPPED TO ELS ON 12/16/00 REMAINING SAMPLES TO BE HAND DELIVERED ON 1/7/00

Containers Dispensed by: _____ Date: 2-11 Time: 11:00
 Relinquished by: _____ Date: 12/6/00 Time: 1630
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: 12/7/00 Time: 1:35

Container(s) Received by: **Jan R. O'Connell**
 Received by: _____
 Received by: _____
 Received by: _____
 Received at Lab by: **Jan R. O'Connell**

White - LABORATORY Please return completed form and all sample containers to Environmental Laboratory Services.
 Canary - ACCOMPANIES RESULTS **Code 705**
 Pink - CLIENT 2217.ELS., 202.9310



Environmental LABORATORY SERVICES
 7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0248 (800) 843-8265

CHAIN OF CUSTODY RECORD
 and Authorization for Analysis

Name: SCOTT GRAHAM		Title:															
Company: E.A. ENGINEERING & SCIENCE		Dept.:															
Address: 737 FLY RD.		Job/PO No.:															
City, State, Zip: EAST SYRACUSE, NY 13057																	
The following services may result in additional charges: <input type="checkbox"/> Telephone Results Telephone No. 431-4280 Advance Agreement Required <input type="checkbox"/> Fax Results Fax No. <input type="checkbox"/> 1 Week <input type="checkbox"/> 48 Hour Express Service																	
To be completed by Sampler. Please remember to record this information on the container label.																	
ELS Number	Date	*Time	*Comp.	*Grab	*Matrix	*Sampling Location	Number of Containers	Plastic/HNO ₃	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative	Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄	Other: (Specify)	Analyses Required, Remarks, and/or Special Instructions
209347	12/16/00	1235		X		WRL-MW7B-1200	1	Amber	Glucose/H ₂ SO ₄							Phenolics	
209348				X			2	Plastic/H ₂ SO ₄								TKN, NH ₃ -N, COD, TOC	
209349				X			1	Plastic/INO ₃								Dissolved Metals	
209350				X			1	Plastic/INO ₃								Total Metals-Baseline	
209351				X			1	Plastic/NaOH/Ascorbic								Total Cyanide	
209352				X			2	Plastic/No Pres								Alkalinity Etc	
209353				X			1	Plastic/No Pres								Hexavalent Chromium*	
209354				X			2	Glass/HCl								601,602	
				X			1	PLASTIC / NO PRES								ROD, NITRATES *	
*NOTE: HEX CHROM AND ROD, NITRATES SAMPLES SHIPPED TO ELS ON 12/16/00 REMAINING SAMPLES TO BE HAND DELIVERED ON 12/17/00.																	
Containers Dispensed by: <i>[Signature]</i>		Date: 12/16/00	Time: 11:00	Container(s) Received by: <i>[Signature]</i>		Date: 12/16/00	Time: 1:00										
Relinquished by: <i>[Signature]</i>		Date: 12/16/00	Time: 1:30	Received by:		Date:	Time:										
Relinquished by:		Date:	Time:	Received by:		Date:	Time:										
Relinquished by:		Date:	Time:	Received by:		Date:	Time:										
Relinquished by:		Date:	Time:	Received at Lab by: <i>[Signature]</i>		Date: 12/17/00	Time: 8:35										
Sampler Signature: <i>[Signature]</i>		White - LABORATORY Please return completed form and all sample containers to Environmental Laboratory Services.															

Pink - CLIENT
 2217.ELS.202.03.10



Environmental LABORATORY SERVICES
 7280 Caswell Street, Hancock Air Park North Syracuse, NY 13212
 (315) 458-8033 FAX (315) 458-0249

CHAIN OF CUSTODY RECORD
 and Authorization for Analysis

Name: SCOTT GRAHAM Title: _____
 Company: E.A. ENGINEERING & SCIENCE Dept: _____
 Address: 737 FLY RD. Job/PO No.: _____
 City, State, Zip: EAST SYRACUSE, NY 10057
 The following services may result in additional charges:
 Telephone Results Telephone No. _____ Advance Agreement Required
 Fax Results Fax No. _____ Express Service

ELS Number	To be completed by Sampler. Please remember to record this information on the container label.				Number of Containers	Container Type/Preservative								Analyses Required, Remarks, and/or Special Instructions			
	*Date	*Time	*Comp.	*Grab		*Matrix	*Sampling Location	Plastic/No Preservatives	Plastic/HNO ₃	Plastic/H ₂ SO ₄	Plastic/NaOH+Ascorbic Acid	Plastic/NaOH+Zinc Acetate	Glass/No Preservative		Glass/Sodium Thiosulfate	Amber Glass/No Pres.	Amber Glass/H ₂ SO ₄
209355	12/5/00	1410		X		WRL-MWB-1200	1	Amber Glass/H ₂ SO ₄									Phenolics
209356				X			2	Plastic/H ₂ SO ₄									TKN, NH ₃ -N, COD, TOC
209357				X			1	Plastic/NO ₃									Dissolved Metals
209358				X			1	Plastic/NO ₃									Total Metals Baseline
209359				X			1	Plastic/NaOH/Ascorbic									Total Cyanide A 3
209360				X			2	Plastic/No PYase									Alkalinity Etc
209361				X			1	Plastic/No PYase									Hexavalent Chromium *
209362				X			2	Glass/HC									COI, CO2
				X			1	PLASTIC / NO PRES									BOD, NITRATE *
																	* NOTE: HEX CHROM AND BOD, NITRATE SAMPLES SHIPPED TO ELS ON PLISKA REMAINING SAMPLES WILL BE HAND DELIVERED ON 12/10.

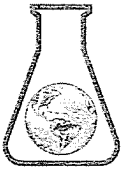
Containers Dispensed by: [Signature] Date: 12/11/00 Time: 11:00
 Received by: _____ Date: _____ Time: _____
 Relinquished by: [Signature] Date: 12/10/00 Time: 1600
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____
 Relinquished by: _____ Date: _____ Time: _____

White - LABORATORY
 Please return completed form and all sample containers to Environmental Laboratory Services.
 Received at Lab by: [Signature] Date: 12/6/00 Time: 12:30

Canary ACCOMPANIES RESULTS color 7°C
 Received at Lab by: [Signature] Date: 12/6/00 Time: 12:30

Attachment D

Laboratory Analytical Results



Environmental
LABORATORY SERVICES

7280 Caswell Street, Hancock Air Park, North Syracuse, NY 13212
(315) 458-8033, FAX (315) 458-0249, (800) 842-4667

Certified in:
• Connecticut
• Delaware
• Maryland
• Massachusetts
• New Hampshire
• New Jersey
• New York
• Pennsylvania
• Rhode Island

E.A. ENGINEERING & SCIENCE TECHNOLOGY
737 FLY RD.

PROJECT #: 995631
RECEIVED: 12/07/00

EAST SYRACUSE NY 13057
ATTN: MR. SCOTT GRAHAM

REVISED AND REISSUED 2/7/01

P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209275	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
PHENOLICS	0.0546	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209276	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
CARBON, TOTAL ORGANIC	<1	MG/L	12/22/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	33.6	MG/L	12/20/00	EPA 410.4	DMP
NITROGEN, AMMONIA	24.8	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	25.6	MG/L	12/19/00	EPA 351.3	DMP
SAMPLE #: 209277	CLIENT SAMPLE ID: WRL-SS-1200 DISSOLVED			DATE SAMPLED: 12/07/00	
ALUMINUM	0.22	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.14	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	0.11	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	150	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	374	MG/L CaCO3	12/15/00	SM 2340B	WU

E.A. ENGINEERING & SCIENCE TECHNOLOGY
737 FLY RD.

PROJECT #: 995631
RECEIVED: 12/07/00

EAST SYRACUSE NY 13057
ATTN: MR. SCOTT GRAHAM

REVISED AND REISSUED 2/7/01

P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209277	CLIENT SAMPLE ID: WRL-SS-1200	DISSOLVED	DATE SAMPLED: 12/07/00		
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.009	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	139	MG/L	12/15/00	EPA 6010	WU
SELENIUM	0.010	MG/L	12/18/00	EPA 6020	WU
SILICA	13.7	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	78.0	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0054	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU

SAMPLE #: 209278	CLIENT SAMPLE ID: WRL-SS-1200	DATE SAMPLED: 12/07/00			
ALUMINUM	0.38	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.14	MG/L	12/18/00	EPA 6020	WU

Page 2



E.A. ENGINEERING & SCIENCE TECHNOLOGY
737 FLY RD.

PROJECT #: 995631
RECEIVED: 12/07/00

EAST SYRACUSE NY 13057
ATTN: MR. SCOTT GRAHAM

REVISED AND REISSUED 2/7/01

P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209278	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	149	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	371	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	0.16	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.009	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	134	MG/L	12/15/00	EPA 6010	WU
SELENIUM	0.011	MG/L	12/18/00	EPA 6020	WU
SILICA	13.5	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	77.7	MG/L	12/15/00	EPA 6010	WU



E.A. ENGINEERING & SCIENCE TECHNOLOGY
737 FLY RD.

PROJECT #: 995631
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EAST SYRACUSE NY 13057
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P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209278	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
THALLIUM	0.0043	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209279	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209280	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
ALKALINITY	220	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	9.0	MG/L	12/08/00	SM18 5210	11246 (NY)
CHLORIDE	59.5	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	20	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	10.35	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1	MG/L	12/08/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	1160	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	621	MG/L	12/13/00	EPA 375.3	DMP
SAMPLE #: 209281	CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00	
CHROMIUM, HEXAVALENT	<0.01	MG/L	12/07/00	SM18 3500-CR D	DMP



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209282 CLIENT SAMPLE ID: WRL-SS-1200			DATE SAMPLED: 12/07/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				



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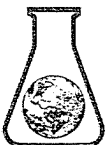
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209282		CLIENT SAMPLE ID: WRL-SS-1200		DATE SAMPLED: 12/07/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
SAMPLE #: 209285		CLIENT SAMPLE ID: WRL-MW2B-1200 DISSOLVED		DATE SAMPLED: 12/06/00	
ALUMINUM	0.19	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.34	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	391	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.26	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	976	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209285	CLIENT SAMPLE ID: WRL-MW2B-1200	DISSOLVED		DATE SAMPLED: 12/06/00	
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.006	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	15.2	MG/L	12/15/00	EPA 6010	WU
SELENIUM	0.009	MG/L	12/18/00	EPA 6020	WU
SILICA	1.49	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	48.5	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0025	MG/L	12/18/00	EPA 6020	WU
ZINC	0.006	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209289	CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/07/00	
CHROMIUM, HEXAVALENT	0.63	MG/L	12/07/00	SM18 3500-CR D	DMP
SAMPLE #: 209291	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
PHENOLICS	0.0139	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209292	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
CARBON, TOTAL ORGANIC	4.7	MG/L	12/19/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	11.2	MG/L	12/20/00	EPA 410.4	DMP



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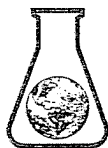
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209292	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
NITROGEN, AMMONIA	2.57	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	2.23	MG/L	12/19/00	EPA 351.3	DMP
SAMPLE #: 209294	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
ALUMINUM	8.0	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.33	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	417	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.34	MG/L	12/18/00	EPA 6020	WU
COPPER	0.011	MG/L	12/18/00	EPA 6020	WU
HARDNESS	1100	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	10.0	MG/L	12/15/00	EPA 6010	WU
LEAD	0.025	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	13.9	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.33	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD



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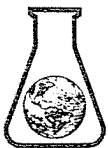
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209294	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.015	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	18.3	MG/L	12/15/00	EPA 6010	WU
SELENIUM	0.009	MG/L	12/18/00	EPA 6020	WU
SILICA	28.4	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	55.8	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0021	MG/L	12/18/00	EPA 6020	WU
ZINC	0.24	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209295	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209296	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/05/00	
ALKALINITY	1000	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0	MG/L	12/08/00	SM18 5210	11246 (NY)
CHLORIDE	44.0	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	20	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	11.95	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1	MG/L	12/08/00	EPA 353.2	DMP



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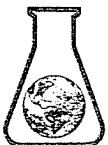
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209296	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/05/00	
SOLIDS, TOTAL DISSOLVED	1010	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	21.7	MG/L	12/13/00	EPA 375.3	DMP
SAMPLE #: 209297	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
CHROMIUM, HEXAVALENT	0.095	MG/L	12/07/00	SM18 3500-CR D	DMP
SAMPLE #: 209298	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	1.4				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,1,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				



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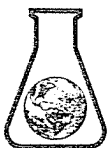
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SAMPLE #: 209298	CLIENT SAMPLE ID: WRL-MW2B-1200			DATE SAMPLED: 12/06/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
SAMPLE #: 209299	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
PHENOLICS	<0.002	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209300	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
CARBON, TOTAL ORGANIC	<1	MG/L	12/19/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	<5.0	MG/L	12/15/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209301	CLIENT SAMPLE ID: WRL-SWB-1200	DISSOLVED	DATE SAMPLED: 12/05/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	<0.50	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	<5.4	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	<1.0	MG/L	12/15/00	EPA 6010	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209301 CLIENT SAMPLE ID: WRL-SWB-1200 DISSOLVED			DATE SAMPLED: 12/05/00		
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	<0.10	MG/L	01/04/01	EPA 200.7	WU
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0027	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209302 CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	<0.50	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	<5.4	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU



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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209302	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	<0.10	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0028	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209303	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209304	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
ALKALINITY	4.0	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0*	MG/L	12/07/00	SM18 5210	11246 (NY)



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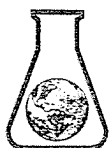
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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209304	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
CHLORIDE	<1	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	5	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	5.63	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1*	MG/L	12/06/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	25	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	<4	MG/L	12/13/00	EPA 375.3	DMP

* Sample recieved 12/6/00

SAMPLE #: 209306	CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209306 CLIENT SAMPLE ID: WRL-SWB-1200			DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
SAMPLE #: 209307 CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/05/00		
PHENOLICS	0.0266	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209308 CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/05/00		
CARBON, TOTAL ORGANIC	5.3	MG/L	12/19/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	<5.0	MG/L	12/15/00	EPA 410.4	DMP
NITROGEN, AMMONIA	3.40	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	4.32	MG/L	12/20/00	EPA 351.3	DMP



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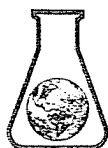
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209309	CLIENT SAMPLE ID: WRL-L1-1200	DISSOLVED	DATE SAMPLED: 12/05/00		
ALUMINUM	0.009	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.42	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	648	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.60	MG/L	12/18/00	EPA 6020	WU
COPPER	0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	1620	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.010	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	51.3	MG/L	12/15/00	EPA 6010	WU



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SAMPLE #: 209309	CLIENT SAMPLE ID: WRL-L1-1200	DISSOLVED		DATE SAMPLED: 12/05/00	
SELENIUM	0.025	MG/L	12/18/00	EPA 6020	WU
SILICA	0.53	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	54.6	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0019	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209310	CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/05/00	
ALUMINUM	0.010	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.43	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	682	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.63	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	1700	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU



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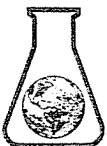
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SAMPLE #: 209310		CLIENT SAMPLE ID: WRL-L1-1200		DATE SAMPLED: 12/05/00	
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.010	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	55.1	MG/L	12/15/00	EPA 6010	WU
SELENIUM	0.025	MG/L	12/18/00	EPA 6020	WU
SILICA	0.57	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	57.5	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0015	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209311		CLIENT SAMPLE ID: WRL-L1-1200		DATE SAMPLED: 12/05/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209312		CLIENT SAMPLE ID: WRL-L1-1200		DATE SAMPLED: 12/05/00	
ALKALINITY	1740	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	5.0*	MG/L	12/07/00	SM18 5210	11246 (NY)



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SAMPLE #: 209312	CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/05/00	
CHLORIDE	32.9	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	15	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	11.09	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1*	MG/L	12/06/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	1410	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	12.0	MG/L	12/13/00	EPA 375.3	DMP

* Sample recieved 12/6/00

SAMPLE #: 209314	CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/05/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				



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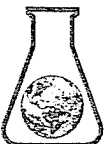
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SAMPLE #: 209314 CLIENT SAMPLE ID: WRL-L1-1200			DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
AMPLE #: 209323 CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00		
PHENOLICS	<0.002	MG/L	12/18/00	EPA 420.2	DMP
AMPLE #: 209324 CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00		
CARBON, TOTAL ORGANIC	3.1	MG/L	12/19/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	5.24	MG/L	12/15/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209325	CLIENT SAMPLE ID: WRL-DUP-1200	DISSOLVED	DATE SAMPLED: 12/05/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.050	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	97.9	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	513	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	65.2	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.042	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/14/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	2.8	MG/L	12/15/00	EPA 6010	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209325 CLIENT SAMPLE ID: WRL-DUP-1200 DISSOLVED			DATE SAMPLED: 12/05/00		
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	14.4	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	50.0	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0014	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209326 CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.045	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	99.3	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	533	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209326	CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00	
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	69.4	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.062	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	2.5	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	14.2	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	56.8	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0013	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209327	CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209328	CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00	
ALKALINITY	272	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0*	MG/L	12/07/00	SM18 5210	11246 (NY)



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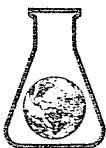
TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209328	CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00	
CHLORIDE	61.8	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	5	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	7.84	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	1.19*	MG/L	12/06/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	837	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	317	MG/L	12/13/00	EPA 375.3	DMP

* Sample recieved 12/6/00

SAMPLE #: 209329	CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00	
CHROMIUM, HEXAVALENT	<0.01*	MG/L	12/06/00	SM18 3500-CR D	DMP

* Sample recieved 12/6/00

SAMPLE #: 209330	CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				



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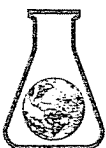
EAST SYRACUSE NY 13057
ATTN: MR. SCOTT GRAHAM

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P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209330 CLIENT SAMPLE ID: WRL-DUP-1200			DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				

SAMPLE #: 209331 CLIENT SAMPLE ID: WRL-MW6B-1200			DATE SAMPLED: 12/05/00		
PHENOLICS	<0.002	MG/L	12/18/00	EPA 420.2	DMP



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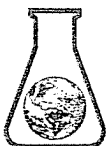
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209332 CLIENT SAMPLE ID: WRL-MW6B-1200			DATE SAMPLED: 12/05/00		
CARBON, TOTAL ORGANIC	3	MG/L	12/22/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	5.24	MG/L	12/15/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP
SAMPLE #: 209333 CLIENT SAMPLE ID: WRL-MW6B-1200 DISSOLVED			DATE SAMPLED: 12/05/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.050	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	95.5	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	493	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	62.0	MG/L	12/15/00	EPA 6010	WU



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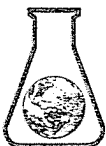
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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209333	CLIENT SAMPLE ID: WRL-MW6B-1200	DISSOLVED		DATE SAMPLED: 12/05/00	
MANGANESE	0.037	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	2.6	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	14.3	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	47.9	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0063	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU

SAMPLE #: 209334	CLIENT SAMPLE ID: WRL-MW6B-1200			DATE SAMPLED: 12/05/00	
ALUMINUM	0.039	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.050	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU



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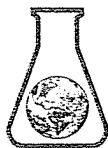
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209334 CLIENT SAMPLE ID: WRL-MW6B-1200			DATE SAMPLED: 12/05/00		
CALCIUM	99.1	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	518	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	0.063	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	65.8	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.044	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	2.8	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	15.1	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	50.4	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0071	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209335	CLIENT SAMPLE ID: WRL-MW6B-1200		DATE SAMPLED: 12/05/00		
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209336	CLIENT SAMPLE ID: WRL-MW6B-1200		DATE SAMPLED: 12/05/00		
ALKALINITY	271	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0*	MG/L	12/07/00	SM18 5210	11246 (NY)
CHLORIDE	61.7	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	10	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	7.96	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	1.19*	MG/L	12/06/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	765	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	305	MG/L	12/13/00	EPA 375.3	DMP

* Sample recieved 12/6/00

SAMPLE #: 209337	CLIENT SAMPLE ID: WRL-MW6B-1200		DATE SAMPLED: 12/05/00		
CHROMIUM, HEXAVALENT	<0.01*	MG/L	12/06/00	SM18 3500-CR D	DMP

* Sample recieved 12/6/00

SAMPLE #: 209338	CLIENT SAMPLE ID: WRL-MW6B-1200		DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				



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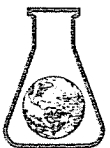
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209338 CLIENT SAMPLE ID: WRL-MW6B-1200			DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209339	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
PHENOLICS	0.00484	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209340	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
CARBON, TOTAL ORGANIC	3.6	MG/L	12/22/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	12.5	MG/L	12/20/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP
SAMPLE #: 209341	CLIENT SAMPLE ID: WRL-MW3B-1200 DISSOLVED			DATE SAMPLED: 12/06/00	
ALUMINUM	0.14	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.010	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	18.8	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	77.6	MG/L CaCO3	12/15/00	SM 2340B	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209341 CLIENT SAMPLE ID: WRL-MW3B-1200 DISSOLVED			DATE SAMPLED: 12/06/00		
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	7.5	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	2.0	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	18.9	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	42.4	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0034	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU

SAMPLE #: 209342 CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00		
ALUMINUM	0.11	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.014	MG/L	12/18/00	EPA 6020	WU



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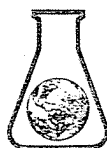
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209342	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	27.5	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	124	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	0.044	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	13.3	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.021	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	1.4	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	15.7	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	44.5	MG/L	12/15/00	EPA 6010	WU



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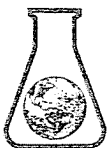
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209342	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
THALLIUM	0.0024	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209343	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209344	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
ALKALINITY	91.0	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0	MG/L	12/07/00	SM18 5210	11246 (NY)
CHLORIDE	57.1	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	10	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	9.06	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1	MG/L	12/08/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	252	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	22.1	MG/L	12/13/00	EPA 375.3	DMP
SAMPLE #: 209345	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
CHROMIUM, HEXAVALENT	<0.01	MG/L	12/07/00	SM18 3500-CR D	DMP



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P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209346 CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				



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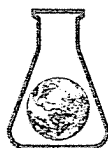
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209346	CLIENT SAMPLE ID: WRL-MW3B-1200			DATE SAMPLED: 12/06/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
SAMPLE #: 209347	CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00	
PHENOLICS	0.00222	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209348	CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00	
CARBON, TOTAL ORGANIC	2.5	MG/L	12/22/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	7.91	MG/L	12/20/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP
SAMPLE #: 209349	CLIENT SAMPLE ID: WRL-MW7B-1200 DISSOLVED			DATE SAMPLED: 12/06/00	
ALUMINUM	0.006	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.032	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209349	CLIENT SAMPLE ID: WRL-MW7B-1200	DISSOLVED	DATE SAMPLED: 12/06/00		
CALCIUM	11.1	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.22	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	50.7	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	5.6	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	1.7	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	13.5	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	52.1	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0021	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY	
SAMPLE #: 209350		CLIENT SAMPLE ID: WRL-MW7B-1200		DATE SAMPLED: 12/06/00		
ALUMINUM	3.0	MG/L	12/18/00	EPA 6020	WU	
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU	
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU	
BARIUM	0.057	MG/L	12/18/00	EPA 6020	WU	
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU	
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU	
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU	
CALCIUM	15.8	MG/L	12/15/00	EPA 6010	WU	
CHROMIUM	0.36	MG/L	12/18/00	EPA 6020	WU	
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU	
HARDNESS	66.2	MG/L CaCO3	12/15/00	SM 2340B	WU	
IRON	3.4	MG/L	12/15/00	EPA 6010	WU	
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU	
MAGNESIUM	6.5	MG/L	12/15/00	EPA 6010	WU	
MANGANESE	0.076	MG/L	12/18/00	EPA 6020	WU	
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD	
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD	
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU	
POTASSIUM	6.5	MG/L	12/15/00	EPA 6010	WU	



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209350	CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00	
SELENIUM	0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	23.1	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	51.3	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0019	MG/L	12/18/00	EPA 6020	WU
ZINC	0.020	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209351	CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00	
CYANIDE, TOTAL	0.006	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209352	CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00	
ALKALINITY	129	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0	MG/L	12/07/00	SM18 5210	11246 (NY)
CHLORIDE	10.3	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	20	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	8.60	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1	MG/L	12/08/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	238	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	39.0	MG/L	12/13/00	EPA 375.3	DMP



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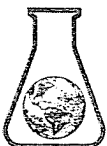
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209353 CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00		
CHROMIUM, HEXAVALENT	0.256	MG/L	12/07/00	SM18 3500-CR D	DMP
SAMPLE #: 209354 CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				



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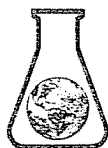
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209354 CLIENT SAMPLE ID: WRL-MW7B-1200			DATE SAMPLED: 12/06/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
SAMPLE #: 209355 CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00		
PHENOLICS	<0.002	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209356 CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00		
CARBON, TOTAL ORGANIC	3.3	MG/L	12/19/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	<5	MG/L	12/20/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP
SAMPLE #: 209357 CLIENT SAMPLE ID: WRL-MW1B-1200 DISSOLVED			DATE SAMPLED: 12/05/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.081	MG/L	12/18/00	EPA 6020	WU



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SAMPLE #: 209357	CLIENT SAMPLE ID: WRL-MW1B-1200	DISSOLVED	DATE SAMPLED: 12/05/00		
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	0.15	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	143	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	549	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	46.8	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.43	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	4.1	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	16.0	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	83.1	MG/L	12/15/00	EPA 6010	WU



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209357	CLIENT SAMPLE ID: WRL-MW1B-1200	DISSOLVED	DATE SAMPLED: 12/05/00		
THALLIUM	0.0016	MG/L	12/18/00	EPA 6020	WU
ZINC	0.12	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209358	CLIENT SAMPLE ID: WRL-MW1B-1200		DATE SAMPLED: 12/05/00		
ALUMINUM	2.8	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.11	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	0.16	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	165	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.009	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	641	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	2.7	MG/L	12/15/00	EPA 6010	WU
LEAD	0.014	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	55.4	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.61	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209358	CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00	
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.007	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	6.0	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	27.7	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	82.2	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0015	MG/L	12/18/00	EPA 6020	WU
ZINC	0.34	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209359	CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209360	CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00	
ALKALINITY	350	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0*	MG/L	12/07/00	SM18 5210	11246 (NY)
CHLORIDE	233	MG/L	12/22/00	EPA 325.2	DMP
COLOR - APPARENT	15	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	7.56	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1*	MG/L	12/06/00	EPA 353.2	DMP



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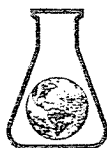
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209360 CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00		
SOLIDS, TOTAL DISSOLVED	1040	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	214	MG/L	12/22/00	EPA 375.3	DMP
* Sample recieved 12/6/00					
SAMPLE #: 209361 CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00		
CHROMIUM, HEXAVALENT	<0.01*	MG/L	12/06/00	SM18 3500-CR D	DMP
* Sample recieved 12/6/00					
SAMPLE #: 209362 CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				



E.A. ENGINEERING & SCIENCE TECHNOLOGY
737 FLY RD.

PROJECT #: 995631
RECEIVED: 12/07/00

EAST SYRACUSE NY 13057
ATTN: MR. SCOTT GRAHAM

REVISED AND REISSUED 2/7/01

P.O. #
CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209362 CLIENT SAMPLE ID: WRL-MW1B-1200			DATE SAMPLED: 12/05/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	1.6				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				
SAMPLE #: 209371 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
PHENOLICS	<0.002	MG/L	12/18/00	EPA 420.2	DMP
SAMPLE #: 209372 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
CARBON, TOTAL ORGANIC	2.5	MG/L	12/19/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	<5	MG/L	12/20/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209373	CLIENT SAMPLE ID: WRL-MW8B-1200	DISSOLVED	DATE SAMPLED: 12/06/00		
ALUMINUM	0.38	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.058	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	138	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.15	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	613	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	0.45	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	65.6	MG/L	12/15/00	EPA 6010	WU
MANGANESE	0.14	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	4.0	MG/L	12/15/00	EPA 6010	WU



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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209373 CLIENT SAMPLE ID: WRL-MW8B-1200 DISSOLVED			DATE SAMPLED: 12/06/00		
SELENIUM	0.20	MG/L	12/18/00	EPA 6020	WU
SILICA	17.4	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	82.2	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0017	MG/L	12/18/00	EPA 6020	WU
ZINC	0.032	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209374 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
ALUMINUM	53.6	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	0.015	MG/L	12/18/00	EPA 6020	WU
BARIUM	0.48	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	0.010	MG/L	12/18/00	EPA 6020	WU
CALCIUM	337	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	0.12	MG/L	12/18/00	EPA 6020	WU
COPPER	0.096	MG/L	12/18/00	EPA 6020	WU
HARDNESS	1430	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	70.3	MG/L	12/15/00	EPA 6010	WU



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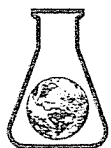
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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209374	CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00	
LEAD	0.19	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	142	MG/L	12/15/00	EPA 6010	WU
MANGANESE	1.8	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	0.062	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	29.1	MG/L	12/15/00	EPA 6010	WU
SELENIUM	0.13	MG/L	12/18/00	EPA 6020	WU
SILICA	116	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	93.5	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0018	MG/L	12/18/00	EPA 6020	WU
ZINC	1.9	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209375	CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209376	CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00	
ALKALINITY	380	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0	MG/L	12/07/00	SM18 5210	11246 (NY)



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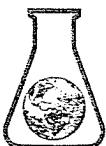
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209376 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
CHLORIDE	68.1	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	15	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	7.84	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	3.68	MG/L	12/08/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	1130	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	475	MG/L	12/13/00	EPA 375.3	DMP
SAMPLE #: 209377 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
CHROMIUM, HEXAVALENT	0.088	MG/L	12/07/00	SM18 3500-CR D	DMP
SAMPLE #: 209378 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	<1.0				
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209378 CLIENT SAMPLE ID: WRL-MW8B-1200			DATE SAMPLED: 12/06/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				

SAMPLE #: 209570 CLIENT SAMPLE ID: WRL-SW-1200 DATE SAMPLED: 12/07/00
CHROMIUM, HEXAVALENT <0.01 MG/L 12/07/00 SM18 3500-CR D DMP

SAMPLE #: 209589 CLIENT SAMPLE ID: WRL-RB-1200 DATE SAMPLED: 12/07/00
PHENOLICS <0.002 MG/L 12/18/00 EPA 420.2 DMP



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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209590 CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00		
CARBON, TOTAL ORGANIC	<1	MG/L	12/22/00	SW846 9060	10252 (NY)
CHEMICAL OXYGEN DEMAND	6.61	MG/L	12/20/00	EPA 410.4	DMP
NITROGEN, AMMONIA	<1	MG/L	12/18/00	EPA 350.2	DMP
NITROGEN, TOTAL KJELDAHL	<1	MG/L	12/20/00	EPA 351.3	DMP
SAMPLE #: 209591 CLIENT SAMPLE ID: WRL-RB-1200 DISSOLVED			DATE SAMPLED: 12/07/00		
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
CALCIUM	<0.50	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	<5.4	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU

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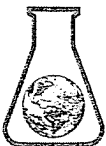
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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209591	CLIENT SAMPLE ID: WRL-RB-1200	DISSOLVED		DATE SAMPLED: 12/07/00	
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	0.10	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0069	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU
SAMPLE #: 209592	CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00	
ALUMINUM	<0.005	MG/L	12/18/00	EPA 6020	WU
ANTIMONY	<0.005	MG/L	12/18/00	EPA 6020	WU
ARSENIC	<0.005	MG/L	12/18/00	EPA 6020	WU
BARIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BERYLLIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
BORON	<0.10	MG/L	12/15/00	EPA 6010	WU
CADMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU



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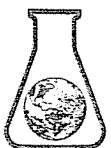
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209592 CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00		
CALCIUM	<0.50	MG/L	12/15/00	EPA 6010	WU
CHROMIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
COPPER	<0.005	MG/L	12/18/00	EPA 6020	WU
HARDNESS	<5.4	MG/L CaCO3	12/15/00	SM 2340B	WU
IRON	<0.025	MG/L	12/15/00	EPA 6010	WU
LEAD	<0.005	MG/L	12/18/00	EPA 6020	WU
MAGNESIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
MANGANESE	<0.005	MG/L	12/18/00	EPA 6020	WU
MERCURY	<0.0002	MG/L	12/18/00	EPA 7470A	BRD
METALS DIGESTION	YES		12/12/00	EPA 3005	BRD
NICKEL	<0.005	MG/L	12/18/00	EPA 6020	WU
POTASSIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
SELENIUM	<0.005	MG/L	12/18/00	EPA 6020	WU
SILICA	<0.10	MG/L	01/04/01	EPA 200.7	10903 (NY)
SILVER	<0.005	MG/L	12/18/00	EPA 6020	WU
SODIUM	<1.0	MG/L	12/15/00	EPA 6010	WU
THALLIUM	0.0082	MG/L	12/18/00	EPA 6020	WU
ZINC	<0.005	MG/L	12/18/00	EPA 6020	WU



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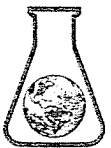
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TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209593	CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00	
CYANIDE, TOTAL	<0.004	MG/L	12/12/00	EPA 335.2	11246 (NY)
SAMPLE #: 209594	CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00	
ALKALINITY	3.0	MG/L	12/08/00	EPA 310.1	DMP
B.O.D.	<2.0	MG/L	12/08/00	SM18 5210	11246 (NY)
CHLORIDE	<1	MG/L	12/13/00	EPA 325.2	DMP
COLOR - APPARENT	5	C.U.	12/08/00	EPA 110.2	KG
HYDROGEN ION (PH) AT COLOR DETRMTN.	6.14	UNITS	12/08/00	EPA 150.1	GS
NITROGEN, NITRATE	<0.1	MG/L	12/08/00	EPA 353.2	DMP
SOLIDS, TOTAL DISSOLVED	<4	MG/L	12/08/00	EPA 160.1	DMP
SULFATE	<2	MG/L	12/13/00	EPA 375.3	DMP
SAMPLE #: 209595	CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00	
CHROMIUM, HEXAVALENT	<0.01	MG/L	12/07/00	SM18 3500-CR D	DMP
SAMPLE #: 209596	CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00	
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
BROMODICHLOROMETHANE	<1.0				
BROMOFORM	<1.0				
BROMOMETHANE	<5.0				
CARBON TETRACHLORIDE	<1.0				
CHLOROETHANE	<5.0				
CHLOROFORM	1.3				



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CLIENT JOB NUMBER:

TEST PERFORMED	RESULTS	UNITS	DATE PERFORMED	METHOD NUMBER	PERFORMED BY
SAMPLE #: 209596 CLIENT SAMPLE ID: WRL-RB-1200			DATE SAMPLED: 12/07/00		
VOL. ORGANICS - EPA 601-602		UG/L	12/18/00	EPA 624	SKW
CHLOROMETHANE	<5.0				
2-CHLOROETHYLVINYLEETHER	<5.0				
DIBROMOCHLOROMETHANE	<1.0				
DICHLORODIFLUOROMETHANE	<5.0				
1,1-DICHLOROETHANE	<1.0				
1,2-DICHLOROETHANE	<1.0				
1,1-DICHLOROETHENE	<1.0				
TRANS-1,2-DICHLOROETHENE	<1.0				
1,2-DICHLOROPROPANE	<1.0				
CIS-1,3-DICHLOROPROPENE	<1.0				
TRANS-1,3-DICHLOROPROPENE	<1.0				
METHYLENE CHLORIDE	<1.0				
1,1,2,2-TETRACHLOROETHANE	<1.0				
TETRACHLOROETHENE	<1.0				
1,1,1-TRICHLOROETHANE	<1.0				
1,1,2-TRICHLOROETHANE	<1.0				
TRICHLOROFLUOROMETHANE	<1.0				
TRICHLOROETHENE	<1.0				
VINYL CHLORIDE	<2.0				
BENZENE	<1.0				
CHLOROBENZENE	<1.0				
1,2-DICHLOROBENZENE	<1.0				
1,3-DICHLOROBENZENE	<1.0				
1,4-DICHLOROBENZENE	<1.0				
ETHYLBENZENE	<1.0				
TOLUENE	<1.0				
XYLENES (TOTAL)	<1.0				



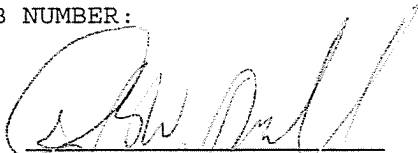
E.A. ENGINEERING & SCIENCE TECHNOLOGY
737 FLY RD.

PROJECT #: 995631
RECEIVED: 12/07/00

EAST SYRACUSE NY 13057
ATTN: MR. SCOTT GRAHAM

REVISED AND REISSUED 2/7/01

P.O. #
CLIENT JOB NUMBER:



Douglas W. Mendrala
Laboratory Director

12/28/00
Date

All tests performed under NYS ELAP Laboratory Certification # 11375 unless otherwise stated.



Attachment E

Landfill Cap Inspection Checklist

**LANDFILL CAP INSPECTION CHECKLIST
WITMER ROAD LANDFILL, NIAGARA FALLS, NEW YORK**

EA Personnel: Donald Conan, James Hayward

NYSDEC
Personnel: Mike Hinton, James Tuck

Date: 29 November 2000

Weather: Overcast, no precipitation, 35° F

General:

Jim and I inspected the landfill with Mike Hinton and Jim Tuck. The four of us walked the perimeter road and noted the following:

- NYSDEC noted the cleanup effort around the interior gate (in the NiMo R-O-W) was not completed. Sandbags, a drum, lathe, fence posts, and paint cans were some of the items present in the area.
- The padlock on the exterior gate (at Witmer Road) had some "teeth marks" on it. It appeared someone with an undersized set of bolt cutters attempted to break in.

1. Inspection of ground surface for exposure of geotextile cover (cap erosion):

No cap erosion or exposed geotextile was noted.

Survey grade sticks should be removed prior to first mowing.

2. Inspection of ground surface for differential settlement resulting in soil cracking or ponded water:

The southeast corner of the CAP could use some regrading work. The fence fabric is out of spec in some locations here, but it is more due to the irregular grade than the fence being installed wrong. According to NYSDEC, this is also a "problem spot" regarding unauthorized access. An ATV trail is visible from the corner and the State is concerned about people entering the site at this location.

3. Identification of stressed vegetation:

None noted.

4. Identification of seeps, rooted vegetation (trees), and/or animal burrows:

There is a CAP underdrain that daylight at the southwest corner of the site. NYSDEC wants the drain raised 6 in. above grade (it is currently flush with grade). Also, the fence fabric is very high at the southwest corner.

5. Identification of deteriorating equipment (i.e., monitoring wells, fencing, or drainage structures):

Although no equipment was noted as deteriorated, the constructed fence appeared to be out of "spec" in several locations:

The fence fabric is installed above the specified 2 in. above grade in several locations around the site. NYSDEC is concerned about potential liability by approving a product that was not constructed per the specifications. They're also concerned about site security (unauthorized entry) where the gap below the fence is substantial. Many of these locations were photographed during the inspection, and Jim and I marked up a drawing highlighting problem areas. This is a real issue with the State.

6. Inspection of stormwater drainage swales for erosion, sloughing, or flow-through:

The ditch along the west side of the site requires regrading.

7. Inspection of east side of the landfill (Niagara Mohawk Power Corporation parcel) along the intermittent stream for the presence of erosion or sloughing:

The intermittent stream beyond the eastern fence-line requires grading work. The irregular grade of the ditch/stream centerline is causing ponding in several locations. The NYSDEC claim they noted this to SLC while still onsite.

8. Inspection of access roads:

Geotextile fabric is exposed along the access road on the eastern side of the site. It's my understanding the specifications call for 6 in. of stone cover.

The access road is badly rutted along the southern side. Although the road needs to be re-graded, I'm not sure if that will prevent the problem from re-occurring. The aggregate used does not appear have enough fines to "bind" the stone.

NOTE: The fence fabric was installed on the inside of the posts on the south side of the site. The fabric is on the outside of the posts everywhere else.