

Delaware Engineering, P.C.

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December 7, 2004

Mr. Frank D. Tallarino Jr., P.E. Commissioner of Public Works City of Rome City Hall, Suite 3C 198 N. Washington Street Rome, New York 13440

RE: Tannery Road Landfill O&M Quarterly Monitoring – Third Quarter 2004 Monthly Inspections – August through November 2004

Dear Mr. Tallarino:

Delaware Engineering, P.C. is pleased to provide you with this letter report summarizing the results of the September 2004 ground water sampling at the Tannery Road Landfill for the City of Rome.

INTRODUCTION

On September 28, 2004, Delaware personnel measured the depth to water, obtained field parameter measurements and collected ground water samples from one upgradient monitoring well (MW-9S) and six downgradient monitoring wells (MW-1S, MW-2D MW-3S, MW-4S, MW-5S and MW-7D). Each well was purged of a minimum of three well volumes prior to sample collection. In addition, a leachate sample was collected from leachate monitoring wells MW-10 and MW-12. The depth to water was measured in leachate monitoring well MW-11.

Samples were analyzed for the NYSDEC Part 360 Baseline parameters. The ground water analytical data are summarized in Table 1. Concentrations that exceed an applicable ground water standard or guidance value are presented in bold.

Monthly Operations and Maintenance (O&M) inspections were conducted in August, September, October and November 2004. The Inspection Checklists are attached, and data have been summarized in Tables 2 (Water Levels) and 3 (Pumping Hours and Gallons).

The October 2004 monthly inspection revealed the following:

⁸⁻¹² Dietz Street, Suite 303, Oneonta, New York 13820 • Phone (607) 432-8073 / Fax (607) 432-0432 BRANCH OFFICE: 6 Townsend Street, Walton, New York 13856 • Phone/Fax (607) 865-9235

- 1. Repairs were made on one of the diversion berm erosion areas located west of the north downshute. Repairs were not made to the second erosion area in the diversion berm located approximately 150 feet west of the north downshute.
- 2. Repairs were made on the south downshute located east of the man gate on the south side of the landfill (outside the landfill fence). The repairs consisted of the placement of medium riprap in the eroded area. The riprap appears to be adequately controlling runoff and preventing erosion.
- 3. An attempt was made to repair the erosion along the landfill fence at the west end of the wetland located on the south side of the landfill access road. However, the soil that was placed in the erosion channels has begun to erode. It is recommended that in the spring 2005 the soil be replace, an erosion control mat (North American Green P550 or Curlex HVHD or equivalent) be installed in the area and the area seeded.
- 4. A wood chuck burrow was observed approximately 300 feet west of the pump house between the pump house and leachate monitoring well MW-10.

GROUND WATER METAL RESULTS

Review of the metals data indicates that each of the monitoring wells, including upgradient well MW-9S and leachate monitoring wells MW-10 and MW-12 exhibited iron concentrations above the New York State Department Of Environmental Conservation (NYSDEC) ground water standard. Manganese concentrations in all wells except MW-1S, MW-4S and leachate well LMW-12 exceeded the New York State Department of Environmental Conservation (NYSDEC) ground water standard. Downgradient ground water manganese concentrations from all monitoring wells (except manganese in monitoring well MW-2D) and the MW-1S, MW-4S and MW-5S iron concentrations, were lower than the upgradient MW-9S concentrations, indicating that the downgradient ground water manganese and iron concentrations are most likely to some extent naturally derived and related to the sediment load in the samples. It should be noted that the ground water standard for iron and manganese is based on aesthetic reasons (*e.g.*, taste, staining of laundry and porcelain, *etc.*). The reported concentrations are not considered a threat to public health or the environment.

Samples collected from upgradient well MW-9S and down gradient monitoring well MW-7D as well as leachate wells LMW-10 and LMW-12 exhibited sodium concentrations above the NYSDEC ground water standard of 20 mg/L. The ground water standard for sodium is designed to protect those individuals who are on low sodium diets and the reported concentrations are not considered a threat to public health or the environment.

Potassium concentrations in the MW-2D, MW-3S, MW-4S and MW-7D ground water samples were higher than the upgradient MW-9S concentration. Leachate samples from leachate wells MW-10 and MW-12 exhibit high potassium concentrations. Data indicate that the higher downgradient ground water potassium concentrations are most likely related to a landfill affect on ground water. However, there is no ground water standard for potassium and reported downgradient ground water concentrations do not represent a significant environmental concern.

The concentrations of magnesium, boron and antimony in the LMW-10 and LMW-12 leachate well samples and the MW-12 leachate well arsenic concentration were above the respective ground water standard/guidance values.

The metals data indicate that the iron and manganese concentrations detected above the respective ground water standards in some of the downgradient landfill monitoring wells are most likely related to a combination of natural sources and a landfill derived impact on ground water. The potassium concentrations in the ground water samples from monitoring wells MW-2D and MW-7D are indications of a landfill related impact on ground water quality. The reported iron, manganese and potassium concentrations do not represent an environmental or public health threat.

LEACHATE INDICATOR DATA

Ground water from down gradient monitoring wells MW-2D, MW-3S, MW-4S and MW-7D exhibited ammonia concentrations that were above the ground water standard as were the concentrations in the MW-10 and MW-12 leachate wells. The ammonia detected in the ground water monitoring well samples is most likely landfill related.

The concentration of total phenols in the ground water samples from monitoring wells MW-4S, MW-5S and MW-7D were slightly higher than the ground water standard. Although the total phenols concentration measured in the MW-10 and MW-12 landfill leachate wells were also above the ground water standard, the total phenols reported in wells MW-4S, MW-5S and MW-7D is most likely to some extent naturally derived. Phenolic compounds are natural constituents of organic matter and are often present at concentrations above the ground water/ surface water standards in ground water and surface waters near wetlands, which typically contain significant volumes of decaying organic material.

The MW-10 and MW-12 leachate well samples exhibited concentrations of bromide, chloride and TDS that were above the respective ground water standards.

Data indicate that the MW-2D, MW-3S, MW-4S and MW-7D ground water ammonia concentrations are most likely landfill derived. The total phenols concentrations detected above the respective ground water standards in some of the downgradient landfill monitoring wells are most likely related to a combination of natural sources and a landfill

derived impact on ground water. Ground water at the landfill perimeter continues to represent a potential source of ammonia to the adjacent wetlands.

VOLATILE ORGANIC DATA

The samples collected from leachate monitoring wells MW-10 and MW-12 exhibited benzene at concentrations above the ground water standard, as were the concentrations of 1,4-dichlorobenzene, chloroethane and xylene in the MW-10 sample. Chlorobenzene was reported in both the MW-10 and MW-12 samples at concentrations slightly below the ground water standard. Benzene was detected in the ground water standard and chlorobenzene was reported at a concentration slightly below the ground water standard. Both the benzene detected in the MW-7D ground water standard. Both the benzene and chlorobenzene detected in the MW-7D ground water sample most likely reflect a landfill related impact on ground water.

FIELD PARAMETER DATA

Ground water from monitoring wells MW-1S, MW-4S, MW-5S and MW-7D and the samples from leachate wells MW-10 and MW-12 exhibited pH values below the NYSDEC ground water standard lower limit of 6.5. The low pH value is most likely representative of the natural conditions associated with the pitch pine wetland/bogs located adjacent to the landfill. These wetlands/bogs typically exhibit low pH values. MW-10 and MW-12 leachate sample pH values have historically generally been within the ground water standard range, at or near the lower limit.

Ground water Turbidity values for all the monitoring wells were above the ground water standard. Turbidity values above the NTU standards are most likely a result of the ground water purging procedure prior to sample collection.

DATA VALIDATION/DATA USABILITY

The usability of the September 2004 analytical data were evaluated by reviewing the available laboratory batch QA/QC data and comparison to the available historical data. In addition, the analytical results were validated by the laboratory's QA/QC department prior to their release of the data. The MW-3S and MW-7D total kjeldahl nitrogen (TKN) and ammonia results are considered estimated. TKN is a measurement of both ammonia and organic nitrogen and by definition an ammonia only analysis cannot exceed a TKN concentration. The laboratory reported ammonia concentration in the MW-3S and the MW-7D samples were higher than the reported TKN values. The error is most likely a function of the high ammonia and TKN concentrations in the samples and was caused by analytical variability and variability in sample dilution that was necessary to bring the concentrations within the linear range of the analysis. Although the data are estimated, the results are usable and all the September 2004 data are considered of sufficient quality to make informed decisions with respect to ground water and leachate quality.

O&M – MONTHLY INSPECTIONS

Operations and Maintenance (O&M) inspections were conducted in August, September, October and November 2004. The annual landfill hydrogen sulfide survey of the landfill gas vents was conducted in August 2004. The Inspection Checklists are attached, and the data have been summarized in Tables 2 and 3. Table 2 summarizes the water level data for the site and Table 3 provides the operational data summary. A ground water contour map for September 2004 is provided in Figure 1.

The ground water elevation data for 2004 indicates that there has been a consistent inward gradient from monitoring wells MW-2S, MW-3S, MW-4S, MW-5S and MW-9S to the landfill.

Leachate well pumping data indicates that between January 29, 2004 and November 30, 2004, approximately 2,444,400 gallons of leachate have been pumped from the landfill. Leachate recovery wells RW-2 (821,900 gallons) and RW-4 (916,400 gallons) have produced the most leachate.

SUMMARY

The October 2004 monthly inspection revealed the following:

- 1. Repairs were made on one of the diversion berm erosion areas located west of the north downshute. Repairs were not made to the second erosion area in the diversion berm located approximately 150 feet west of the north downshute.
- 2. Repairs were made on the south downshute located east of the man gate on the south side of the landfill (outside the landfill fence). The repairs consisted of the placement of medium riprap in the eroded area. The riprap appears to be adequately controlling runoff and preventing erosion.
- 3. An attempt was made to repair the erosion along the landfill fence at the west end of the wetland located on the south side of the landfill access road. However, the soil that was placed in the erosion channels has begun to erode. It is recommended that in the spring 2005 that the soil be replaced, an erosion control mat (North American Green P550 or Curlex HVHD or equivalent) be installed in the area and the area seeded.
- 4. A wood chuck burrow was observed approximately 300 feet west of the pump house between the pump house and leachate monitoring well MW-10.

Data indicate that the MW-2D, MW-3S, MW-4S and MW-7D ground water ammonia concentrations are most likely landfill derived. Ground water at the landfill perimeter continues to represent a potential source of ammonia to the adjacent wetlands. The iron, manganese and total phenols concentrations detected above the respective ground water

standards in some of the downgradient landfill monitoring wells are most likely related to a combination of natural sources and a landfill derived impact on ground water. The potassium concentrations in the ground water samples from monitoring wells MW-2D and MW-7D are indications of a landfill related impact on ground water quality. The reported iron, manganese, total phenols and potassium concentrations do not represent an environmental or public health threat. Both the benzene and chlorobenzene detected in the MW-7D ground water sample most likely reflect a landfill related impact on ground water.

If you have any questions, please do not hesitate to call Gary Kerzic or me at 518-452-1290.

Sincerely,

Edward G. Fahrenkopf / Senior Environmental Scientist

cc: Susan Lasdin, NYSDEC

Attachment(s)Data Summary Tables
Laboratory Reporting Sheets
O&M Inspection Checklists: August 2004, September 2004,
October 2004 and November 2004
Historical Data Tables
Ground Water Contour Map: September 2004

TABLES

			Rom	ie, New Y	ork					
Sample Location	MW-1S	MW-2D	MW-35	MW-4S	MW-5S	MW-7D	MW-9S	MW-10	MW-12	NYSDEC Ground Water Standard/GV
Leachate Indicators (mg/L)				1111-40	M W-00	11111-7 D	1111-50	11111-10	111111-12	Standard/GV
Ammonia-Nitrogen	0.14	2.5	56	3.6	< 0.03	25	0.48	160	220	2
Biochemical Oxygen Demand (BOD5)	<4	7.5	16	<4	<4	7.2	4.7	31	35	NS
Bromide	<0.1	0.12	<0.1	<0.1	<0.1	0.5	<0.1	2.5	4.8	2 (GV)
Chemical Oxygen Demand	7.9	32	84	120	15	130	79	290	420	NS
Chloride	2.5	3.8	3.3	7.4	2.6	27	3	280	270	250
Chromium Hexavalent	<0.01	<0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	<0.01	< 0.01	0.05
Color (PCU)	180	650	750	550	450	675	700	950	1,400	15
Nitrate-Nitrogen	0.14	0.17	0.15	<0.1	0.2	<0.1	<0.1	0.2	0.2	10
Sulfate	7.1	33	36	20	9.6	23	1.9	2.1	2.3	250
Total Alkalinity	8	74	340	60	38	290	210	1,900	1,700	NS
Total Cyanide	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.2
Total Dissolved Solids	52	160	350	190	66	420	370	1,700	1,700	500
Total Hardness	5.4	90	100	37	52	200	280	480	450	NS
Total Kjeldahl Nitrogen	0.28	5	50	6.4	0.2	18	0.78	260	230	NS
Total Organic Carbon	3	8	26	40	3.6	34	24	75	140	NS
Total Phenols	<0.002	<0.002	<0.002	0.0079	0.0039	0.0021	<0.002	0.02	0.019	0.001
Total Metals (mg/L)										
Aluminum	2.1	0.37	0.44	1.4	0.44	1.1	1.4	0.28	0.45	NS
Antimony	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.012	0.014	0.003
Arsenic	<0.01	0.011	0.012	<0.01	0.013	0.011	<0.01	0.022	0.026	0.025
Barium	<0.2	0.23	<0.2	<0.2	<0.2	0.23	<0.2	0.25	0.22	1
Beryllium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.003(GV)
Boron	<0.01	0.089	0.37	0.28	0.014	0.8	0.027	1.7	2.8	1
Cadmium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.005
Calcium	2.2	29	29	9.3	16	49	84	110	76	NS
Chromium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05
Cobalt	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	NS
Copper	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.2
Iron	1.1	11	9.3	4.3	4.7	29	6.1	49	42	0.3
Lead	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.025
Magnesium	<1	3. 9	6.8	3.3	2.9	18	16	53	63	35 (GV)
Manganese	0.061	1.1	0.38	0.25	0.34	0.64	0.96	1.6	0.28	0.3
Mercury	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0007
Nickel	<0.01	<0.01	0.011	<0.01	<0.01	0.046	0.014	0.024	0.024	0.1
Potassium	<1	17	110	17	2.4	40	2.2	320	400	NS

Table 1 September 2004 Ground Water Analytical Data Tannery Road Landfill Rome, New York

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Table 1September 2004 Ground Water Analytical DataTannery Road LandfillRome, New York

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										NYSDEC
										Ground Water
Sample Location	MW-1S	MW-2D	MW-3S	MW-4S	MW-5S	MW-7D	MW-9S	MW-10	MW-12	Standard/GV
Selenium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01
Silver	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05
Sodium	1:2	3	6.1	8.2	<1	31	33	230	320	20
Thallium	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.0005(GV)
Vanadium	<0.01	0.012	0.018	<0.01	<0.01	0.016	<0.01	0.013	0.026	NS
Zinc	0.022	0.017	0.02	0.019	0.017	0.041	0.022	0.099	0.026	2(GV)
Field Parameters										
Conductivity (umhos/cm)	44	253	841	224	118	817	394	3,480	4,620	NS
pH (units)	5.3	6.98	6.57	5.75	6.44	6	6.95	6.22	6.4	6.5-8.5
Temperature (C)	15	13.7	14	14.8	14.1	12.6	13.2	16.8	15.5	NS
Turbidity (NTU)	29	125	86	46	108	165	331	73	5	5
Volatiles (ug/L)										
1.1.1.2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1,1,1-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1.1.2.2-Tetrachloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1,1,2-Trichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
1,1-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	` 5
1,1-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1,2,3-Trichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.04
1,2-Dibromo-3-chloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.04
1.2-Dibromoethane (EDB)	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
1,2-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	3
1,2-Dichloroethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	0.6
1.2-Dichloropropane	<1	<1	<1	<1	<1	<1	<1	<1	<1	1
1,4-Dichlorobenzene	<1	<1	<1	<1	<1	<1	<1	3.7	<1	3
2-Butanone (MEK)	<10	<10	<10	<10	<10	<10	<10	<10	<10	50(GV)
2-Hexanone	<10	<10	<10	<10	<10	<10	<10	<10	<10	50(GV)
4-Methyl-2-pentanone	<10	<10	<10	<10	<10	<10	<10	<10	<10	50 (GV)
Acetone	<10	<10	<10	<10	<10	<10	<10	<10	<10	50(GV)
Acrylonitrile	<5	<5	<5	<5	<5	<5	<5	<5	<5	5
Benzene	<1	<1	<1	<1	<1	4.3	<1	5	16	1
Bromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Bromodichloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	50(GV)
Bromoform	<1	<1	<1	<1	<1	<1	<1	<1	<1	50(GV)
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5

Table 1September 2004 Ground Water Analytical DataTannery Road LandfillRome, New York

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Sample Location	MW-1S	MW-2D	MW-3S	MW-4S	MW-5S	MW-7D	MW-9S	MW-10	MW-12	NYSDEC Ground Water Standard/GV
Carbon disulfide	<1	<1	<1	<1	<1	<1	<1	<1	<1	60 (GV)
Carbon tetrachloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Chlorobenzene	<1	<1	<1	<1	<1	4.4	<1	4.1	1.6	5
Chloroethane	<1	<1	<1	<1	<1	<1	<1	22	<1	5
Chloroform	<1	<1	<1	<1	<1	<1	<1	<1	<1	7
Chloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
cis-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
cis-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Dibromochloromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Dibromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Ethyl benzene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
lodomethane	<10	<10	<10	<10	<10	<10	<10	<10	<10	5
Methylene chloride	<10	<10	<10	<10	<10	<10	<10	<10	<10	5
Styrene	<1	<1	<1	<1	<1	<1	<1	<1	<1	50
Tetrachloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Toluene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
trans-1,2-Dichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
trans-1,3-Dichloropropene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
trans-1,4-Dichloro-2-butene	<10	<10	<10	<10	<10	<10	<10	<10	<10	5
Trichloroethene	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Trichlorofluoromethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Vinyl acetate	<5	<5	<5	<5	<5	<5	<5	<5	<5	NS
Vinyl Chloride	<1	<1	<1	<1	<1	<1	<1	<1	<1	2
Xylenes (Total)	<1	<1	<1	<1	<1	<1	<1	63	2	5*

Notes:

1) Results in bold typeface indicate that the result exceeds the applicable standard. See Table 2 for a summary of these results.

2) NS indicates No Standard.

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3) GV indicates that the standard listed is a Guidance Value.

4) N/A indicates not analyzed.

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	MEASURING POINT			DEPTH	TO WATER	t (FT.)						
WELL	ELEVATION (FT.)	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04
MW-1S	449.59	5.77	6.86	4.75	4.66	4.25	5.91	6.17	5.8	6.01	6.04	4.89
MW-2S	459.44	8.21	8.78	6.51	6.59	6.1	8.81	9.04	7.57	8.07	8.71	6,49
MW-3S	456.4	3.97	3.96	NA	3.58	3.44	4.03	4.27	3.75	4.1	3.73	3.56
MW-4S	456.19	4.18	4.18	3.76	3.86	3.64	4.18	4.49	4.14	4.04	4.07	3.83
MW-5S	457.15	5.1	5.24	4.34	4.43	4.18	5.29	5.69	4.81	5.05	5.2	4.29
MW-7S	452.25	8.31	8.93	7.91	7.52	7.36	8.26	9.1	8.96	8.71	9.48	8.3
MW-9S	456.38	3.98	3.91	3.77	3.75	3.66	4.11	4.19	3.93	4.11	3.92	3.7
MW-10	486.3	NA	35.25	35.11	35.25	34.77	35.07	35.1	35.33	34.95	35.34	35.29
MW-11	502.4	51.97	52.21	52.09	52.13	51.77	51.98	52.45	52.31	52.03	52.35	52.36
MW-12	483.11	32.46	32.74	32.55	32.47	32.24	32.49	32.55	32.98	32.67	33.02	33.05
PZ-1	454.37	6.95	7.51	5.77	5.57	5.33	7.35	8.11	7.37	7.4	7.78	6.36
MW-7D	451.79			8.05	7.45	7.26	8.51	9,34	9.26	9.09	9.64	8.99

		,	WATER LE	EL ELEVA	TION (FT.)						
WELL	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04
MW-1S	443.82	442.73	444.84	444.93	445.34	443.68	443.42	443,79	443.58	443.55	444.7
MW-2S	451.23	450,68	452.93	452.85	453.34	450.63	450.4	451.87	451.37	450.73	452.95
MW-3S	452.43	452.44	NA	452.82	452.96	452.37	452.13	452.65	452.3	452.67	452.84
MW-4S	452.01	452.01	452.43	452.33	452.55	452.01	451.7	452.05	452.15	452.12	452.36
MW-5S	452.05	451.91	452.81	452.72	452.97	451.86	451.46	452.34	452.1	451.95	452.86
MW-7S	443.94	443.32	444.34	444.73	444.89	443.99	443.15	443.29	443.54	442.77	443.95
MW-9S	452.4	452.47	452.61	452.63	452.72	452,27	452.19	452.45	452.27	452.46	452.68
MW-10	NR	451.05	451.19	451.05	451.53	451.23	451.2	450.97	451.35	450.96	451.01
MW-11	450.43	450.19	450.31	450.27	450.63	450.42	449.95	450.09	450.37	450.05	450.04
MW-12	450.65	450.37	450.56	450.64	450.87	450.62	450.56	450.13	450.44	450.09	450.06
PZ-1	447.42	446.86	448.6	448.8	449.04	447.02	446.26	447	446.97	446.59	448.01
MW-7D			443.74	444.34	444.53	443.28	442.45	442.53	442.7	442,15	442.8

WATER LEVEL ELEVATION DIFFERENCE (FT.) RELATIVE TO MW-12 2

WELL	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04
MW-1S	6.83	7.64	5.72	5.71	5.53	6.94	7.14	6.34	6,86	6.54	5.36
MW-2S	-0.58	-0.29	-2.37	-2.21	-2.47	-0.01	0.16	-1.74	-0.93	-0.64	-2.89
MW-3S	-1.78	-2.07	NA	-2.18	-2.09	-1.75	-1.57	-2.52	-1.86	-2.58	-2.78
MW-4S	-1.36	-1.64	-1.87	-1.69	-1.68	-1.39	-1.14	-1.92	-1.71	-2.03	-2.3
MW-5S	-1.4	-1.54	-2.25	-2.08	-2.1	-1.24	-0.9	-2.21	-1.66	-1.86	-2.8
MW-7S	6.71	7.05	6.22	5.91	5.98	6.63	7.41	6.84	6.9	7.32	6.11
MW-9S	-1.75	-2.1	-2.05	-1.99	-1,85	-1.65	-1.63	-2.32	-1.83	-2.37	-2.62
MW-10	NA	NA	-0.63	-0.41	-0.66	-0.61	-0.64	-0.84	-0.91	-0.87	-0.95
MW-11	0.22	0.18	0.25	0.37	0.24	0.2	0.61	0.04	0.07	0.04	0.02
MW-12	0	0	0	0	0	0	0	0	0	0	0
PZ-1	3.23	3.51	1.96	1.84	1.83	3.6	4.3	3.13	3.47	3.5	2.05
MW-7D			6.82	6.3	6.34	7.34	8.11	7.6	7.74	7.94	7.26

WATER LEVEL ELEVATION DIFFERENCE (FT.) RELATIVE TO MW-10²

WELL	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04
MW-1S	NA	8.32	6.35	6.12	6.19	7.55	7.78	7.18	7,77	7.41	6.31
MW-2S	NA	0.39	-1.74	-1.80	-1.81	0.60	0.80	-0.9	-0.02	0.23	-1.94
MW-3S	NA	-1.39	NA	-1.77	-1.43	-1,14	-0.93	-1.68	-0.95	-1.71	-1.83
MW-4S	NA	-0.96	-1.24	-1.28	-1.02	-0.78	-0.50	-1.08	-0.8	-1.16	-1.35
MW-5S	NA	-0.86	-1.62	-1.67	-1.44	-0.63	-0.26	-1.37	-0.75	-0.99	-1.85
MW-7S	NA	7.73	6.85	6.32	6.64	7.24	8.05	7.68	7.81	8.19	7.06
MW-9S	NA	-1.42	-1.42	-1.58	-1.19	-1.04	-0.99	-1.48	-0.92	-1.5	-1.67
PZ-1	NA	4.19	2.59	2.25	2.49	4.21	4.94	0	0	0	0
MW-7D			7.45	6.71	7	7.95	8.75	0.88	0.98	0.91	0.97

Notes:

 Water levels were collected from one upgradient monitoring well (MW-9S), six downgradient wells (MW-1S, MW-2S, MW-3S, MW-4S, MW-5S and MW-7S), one downgradient piezometer (PZ-1) and three leachate monitoring wells (MW-10), (MW-11), (MW-12).

2) A negative number indicates an inward gradient.

3) NA indicates monitoring well was not accessible due to frozen conditions

Table 3 Operational Data Summary Tannery Road Landfill Rome, New York

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Pump Stat	ion at Tanner	ƴ Road										
Hour Mete	rs											Total Hours Operated
	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04	1/29/2004 - 7/20/04
Pump #1	41,356	41,949	42,673	43,319	44,435	45,161	45,373	46,697	47,773	48,147	48,868	7,512
Pump #2	35,225	35,687	36,253	36,765	37,649	38,222	39,022	39,055	39,315	39,657	40,300	5,075

Totalizers	in Meter Pit											Total Flow (Gallons)
	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04	1/29/2004 - 7/20/04
RW-1	4,139,800	4,173,000	4,205,200	4,229,400	4,282,200	4,317,700	4,353,000	4,396,800	4,439,900	4,470,200	4,533,700	393,900
RW-2	7,335,200	7,407,000	7,478,600	7,543,300	7,657,100	7,726,600	7,797,000	7,885,500	7,973,900	8,036,300	8,157,100	821,900
RW-3	2,252,800	2,256,700	2,300,200	2,323,700	2,359,000	2,384,700	2,417,000	2,463,800	2,495,100	2,514,300	2,565,000	312,200
RW-4	2,266,600	2,371,100	2,478,400	2,571,200	2,731,800	2,771,200	2,830,200	2,937,700	3,019,900	3,099,000	3,183, <u>00</u> 0	916,400
Total		213,400	254,600	205,200	362,500	170,100	197,000	286,600	245,000	191,000	319,000	2,444,400

Hour Me	ters											Total Hours Operated
	01/29/2004	2/25/04	3/23/04	4/16/04	5/28/04	6/22/04	7/20/04	8/24/04	9/28/04	10/21/04	11/30/04	1/29/2004 - 7/20/04
RW-1	114,176	115,219	116,198	121,279	129,678	131,257	132,779	134,611	136,181	137,440	143,498	29,322
RW-2	122,335	123,499	124,677	125,740	127,603	128,755	129,943	131,506	133,158	134,399	137,475	15,140
RW-3	293,761	300,255	306,718	312,459	322,527	328,760	335,237	343,612	352,008	357,502	367,108	73,347
RW-4	143,731	150,225	156,688	162,429	172,497	178,728	185,204	193,583	201,978	207,474	217,080	73,349

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LABORATORY REPORTING SHEETS

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Sample ID. MIXI "				τ.	CL Cample TD.	0/171/0	001
Sample ID: Mw-7	D				SL Sample ID:	0417145	-001
	10.20						
Sampled: 09/28/0	04 10:30	Sampled By: EF					
Sample Matrix: NPW							
Analytical Method <u>Analyte</u>			Result	Units	Prep <u>Date</u>	Analysis Date & Time	Analyst Initials
(1) EPA 110.2, Color							
Apparent Color			675	Units		9/29/04	JN
1) EPA 200.7 Total Hard	lness as CaC	O3					
Hardness, Total			200	mg/l		10/5/04	TER
D EPA 245.1Total Merc	urv						
Mercury			<0.0002	mg/l		10/8/04	TER
The result result repo	of the calibratic rted above may	on check sample associated v be biased low.	with this an	alysis was less t	han the established co	ntrol limit. Therefore	e, the analytical
1) EPA 335.2 Total Cyar	nide						
Cyanide, Total			<0.01	mg/l	10/4/04	10/6/04	JN
<i>i</i>) EPA 350.1 Ammonia							
Ammonia as N			25	mg/l		10/11/04	DRB
I) EPA 351 2 TKN as N							
Total Kieldahl Nitro	gen		18	mg/l	10/8/04	10/11/04	DRB
	8						
CEFA 403.1 DOD-3 Biochemical Oxygen	Domand 5 Da	v	7 2	mg/l		Q/2Q/04 15:00) мм
U EDA 420 1 Decevereb	lo Dhomolios	J	1.2	mg/1		<i></i>	,
4) EPA 420.1 Recoverable Phonelies Total Base		IVIL,	0.0021	ma/l	10/11/04	10/12/04	D
Friendics, Total Red	over able		0.0021	mg/1	10/11/04	10/12/04	30
0 EPA 6010 Total Meta	ls					10/5/04	
Boron			0.80	mg/l		10/5/04	TER
rotassium The result.	of the calibratic	n check sample associated y	40 with this an	nig/1 alvsis was great	er than the established	10/3/04 Control limit There	IER fore the
analytical i	result reported	above may be biased high.	an into an	uiysis was greai	er man me established	common timat. There	jore, ine
Iron			29	mg/l		10/5/04	TER
Manganese			0.64	mg/l		10/5/04	TER
Magnesium			18	mg/l		10/5/04	TER
Lead			< 0.01	mg/]		10/5/04	TER
Cadmium			< 0.01	mg/l		10/5/04	I EK
Calcium			1.1 49	mg/l		10/5/04	TER
Antimony			<0.01	mg/l		10/5/04	TER
Arsenic			0.011	mg/l		10/5/04	TER
Beryllium			< 0.01	mg/l		10/5/04	TER
Barium			0.23	mg/l		10/5/04	TER
Sodium			31	mg/l		10/5/04	TER
Chromium			< 0.01	mg/l		10/5/04	TER
Copper			< 0.01	mg/l		10/5/04	TER
Nickel			0.046	mg/l		10/5/04	TER
Silvor			<0.01 <0.01	mg/l		10/5/04	IER Ted
Thallium			<0.01	mg/l		10/5/04	TFR
Zinc			0.041	mg/l		10/5/04	TER
Cobalt			<0.01	mg/l		10/5/04	TER

Life Science Laboratories, Inc.

Page 2 of 36 Date Printed: 11/1/04

Delaware Engineering Albany, NY

Sample ID: MW-7D

09/28/04 10:30

LSL Sample ID:

0417149-001

Location: Sampled:

Sampled By: EF

Sample Matrix: NPW

Analytical Method Analyte	Result	Units	Prep Date	Analysis Date & Time	Analyst Initials
<i>I)</i> EPA 8260B TCL Volatiles (Modified List)					
Acetone	<10	ug/l		10/8/04	LEF
Acrylonitrile	<5	ug/l		10/8/04	LEF
Benzene	4.3	ug/l		10/8/04	LEF
Bromochloromethane	<1	ug/l		10/8/04	LEF
Bromodichloromethane	<1	ug/l		10/8/04	LEF
Bromoform	<1	ug/l		10/8/04	LEF
Bromomethane	<1	ug/l		10/8/04	LEF
2-Butanone (MEK)	<10	ug/l		10/8/04	LEF
Carbon disulfide	<1	ug/l		10/8/04	LEF
Carbon tetrachloride	<1	ug/l		10/8/04	LEF
Chlorobenzene	4.4	ug/ì		10/8/04	LEF
Chloroethane	<1	ug/l		10/8/04	LEF
Chloromethane	<1	ug/l		10/8/04	LEF
Chloroform	<1	ug/l		10/8/04	LEF
Dibromochloromethane	<1	ug/l		10/8/04	LEF
1,2-Dibromo-3-chloropropane	<1	ug/l		10/8/04	LEF
1,2-Dibromoethane(EDB)	<1	ug/l		10/8/04	LEF
Dibromomethane	<1	ug/l		10/8/04	LEF
1,2-Dichlorobenzene	<1	ug/l		10/8/04	LEF
1,4-Dichlorobenzene	<1	ug/l		10/8/04	LEF
trans-1,4-Dichloro-2-butene	<5	ug/l		10/8/04	LEF
1,1-Dichloroethane	<1	ug/l		10/8/04	LEF
1,2-Dichloroethane	<1	ug/l		10/8/04	LEF
1,1-Dichloroethene	<1	ug/l		10/8/04	LEF
cis-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
trans-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
1,2-Dichloropropane	<1	ug/l		10/8/04	LEF
cis-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
trans-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
Ethyl benzene	<1	ug/l		10/8/04	LEF
2-Hexanone	<10	ug/l		10/8/04	LEF
Iodomethane (Methyl iodide)	<5	ug/l		10/8/04	LEF
Methylene chloride	<1	ug/l		10/8/04	LEF
4-Methyl-2-pentanone (MIBK)	<10	ug/l		10/8/04	LEF
Styrene	<1	ug/l		10/8/04	LEF
1,1,1,2-Tetrachioroethane	<1	ug/l		10/8/04	LEF
1,1,2,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
Tetrachloroethene	<1	ug/l		10/8/04	LEF
Toluene	<1	ug/l		10/8/04	LEF
1,1,1-Trichloroethane	<1	ug/l		10/8/04	LEF
1,1,2-Trichloroethane	<1	ug/l		10/8/04	LEF
Trichloroethene	<1	ug/l		10/8/04	LEF
Trichlorofluoromethane (Freon 11)	<1	ug/l		10/8/04	LEF
1,2,3-Trichloropropane	<1	ug/l		10/8/04	LEF
Vinyl acetate	<5	ug/i		10/8/04	LEF
Vinyl chloride	<1	ug/l		10/8/04	LEF
Xylenes (Total)	<1	ug/l		10/8/04	LEF

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11/1/04

Date Printed:

Delaware Engineering Albany, NY

LSL Sample ID:

0417149-001

Sample ID: Location:

Sampled:

09/28/04 10:30 Sampled By: EF

Sample Matrix: NPW

MW-7D

Aı	nalytical Method			Prep	Prep Analysis		
	Analyte	<u>Result</u>	<u>Units</u>	Date	<u> Date & T</u>	ime	<u>Initials</u>
$\overline{(1)}$	EPA 8260B TCL Volatiles (Modified List)						
	Surrogate (1,2-DCA-d4)	94	%R		10/8/04		LEF
	Surrogate (Tol-d8)	96	%R		10/8/04		LEF
	Surrogate (4-BFB)	101	%R		10/8/04		LEF
(1)	EPA Method 300.0 A						
	Bromide	0.50	mg/l		9/29/04		RAF
	Chloride	27	mg/l		9/29/04		RAF
	Nitrate as N	<0.1	mg/l		9/29/04	19:53	RAF
	Sulfate	23	mg/l		9/29/04		RAF
(1)	HACH 8000 COD						
	Chemical Oxygen Demand	130	mg/l		10/1/04		JN
(5)	SM 18 2320B, Alkalinity as CaCO3						
	Alkalinity	290	mg/l		10/12/04		DSW
(1)	SM 18 3500Cr-D Hexavalent Chromium						
	Chromium, Hexavalent	<0.01	mg/l		9/29/04		ЛN
(1)	SM 19 5310C TOC						
	Total Organic Carbon	34	mg/l	10/5/04	10/5/04		DWK/K BB
(1)	SM18-2540C Total Dissolved Solids						
	Total Dissolved Solids @ 180 C	420	mg/l		10/4/04		MM

Sample ID: MW-1S			LSL Sample ID:	0417149-	002
Location:			L L		
Sampled: 09/28/04 11:20 Sampled B	v: EF				
Sample Matrix: NPW	5				
Analytical Method			Pren	Analysis	Analys
Analyte	Result	Units	Date	Date & Time	Initial
U EPA 110.2 Color					
Apparent Color	180	Units		9/29/04	J
D EDA 200 7 Total Hardness as CaCO3					
Hardness Total	5.4	ma/1		10/5/04	те
	5,4	mg/i		10/3/04	IE
D EPA 245.1Total Mercury					
Mercury	< 0.0002	mg/l		10/8/04	TE
The result of the calibration check sample ass result reported above may be biased low.	ociated with this an	alysis was	less than the established cor	itrol limit. Therefore,	the analytic
U EPA 335.2 Total Cyanide					
Cyanide, Total	0.010	mg/l	10/4/04	10/6/04	J
U EPA 350.1 Ammonia					
Ammonia as N	0.14	mg/l		10/11/04	DR
() EDA 251 2 TVN og N		U			
Total Kieldahl Nitrogen	0.28	ma/l	10/8/04	10/11/04	DR
	0.28	iiig/i	10/0/04	10/11/04	DK
7 EPA 405.1 BOD-5					
Biochemical Oxygen Demand, 5 Day	<4	mg/l		9/29/04 15:00	MI
D EPA 420.1 Recoverable Phenolics ML					
Phenolics, Total Recoverable	<0.002	mg/l	10/11/04	10/12/04	J
D EPA 6010 Total Metals					
Boron	<0.01	mg/l		10/5/04	TE
Potassium	<1	mg/l		10/5/04	TE
Iron	1.1	mg/l		10/5/04	TE
Manganese	0.061	mg/l		10/5/04	TE
Magnesium	<0.01	mg/l		10/5/04	IE TE
Cadmium	<0.01	mg/l		10/5/04	TE
Aluminum	2.1	mg/l		10/5/04	TE
Calcium	2.2	mg/l		10/5/04	TE
Antimony	< 0.01	mg/l		10/5/04	TE
Arsenic	<0.01	mg/l		10/5/04	TE
Beryllium	< 0.01	mg/l		10/5/04	TE
Barium	<0.2	mg/l		10/5/04	TE
Sodium	1.2 ≤0.01	mg/l		10/5/04	ie Te
Conper	<0.01	mg/l		10/5/04	TE
Nickel	< 0.01	mg/l		10/5/04	TE
Selenium	<0.01	mg/l		10/5/04	TE
Silver	< 0.01	mg/l		10/5/04	TE
Thallium	<0.01	mg/l		10/5/04	TE
Zinc	0.022	mg/l		10/5/04	TEI
Cobalt	<0.01	ma/i		10/5/04	TEI

Life Science Laboratories, Inc.

LSL Sample ID:

0417149-002

Delaware Engineering Albany, NY

Sample ID: Location: Sampled:

Sampled By: EF

Sample Matrix: NPW

MW-1S

09/28/04 11:20

Analytical Method			Prep	Analysis	Analyst
Analyte	Result	<u>Units</u>	Date	Date & Time	Initials
(1) EPA 8260B TCL Volatiles (Modified List)					
Acetone	<10	ug/l		10/8/04	LEF
Acrylonitrile	<5	ug/l		10/8/04	LEF
Benzene	<1	ug/l		10/8/04	LEF
Bromochloromethane	<]	ug/l		10/8/04	LEF
Bromodichloromethane	<1	ug/l		10/8/04	LEF
Bromoform	<1	ug/]		10/8/04	LEF
Bromomethane	<1	ug/l		10/8/04	LEF
2-Butanone (MEK)	<10	ug/l		10/8/04	LEF
Carbon disulfide	<1	ug/l		10/8/04	LEF
Carbon tetrachloride	<1	ug/l		10/8/04	LEF
Chlorobenzene	<1	ug/l		10/8/04	LEF
Chloroethane	<1	ug/l		10/8/04	LEF
Chloromethane	<1	ug/l		10/8/04	LEF
Chloroform	<1	ug/l		10/8/04	LEF
Dibromochloromethane	<1	ug/]		10/8/04	LEF
1,2-Dibromo-3-chloropropane	<1	ug/l		10/8/04	LEF
1,2-Dibromoethane(EDB)	<1	ug/l		10/8/04	LEF
Dibromomethane	<1	ug/l		10/8/04	LEF
1,2-Dichlorobenzene	<1	ug/l		10/8/04	LEF
1.4-Dichlorobenzene	<1	ug/l		10/8/04	LEF
trans-1,4-Dichloro-2-butene	<5	ug/]		10/8/04	LEF
1,1-Dichloroethane	<1	ug/l		10/8/04	LEF
1,2-Dichloroethane	<1	ug/l		10/8/04	LEF
1,1-Dichloroethene	<1	ug/l		10/8/04	LEF
cis-1,2-Dichloroethene	<1	ug/]		10/8/04	LEF
trans-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
1,2-Dichloropropane	<]	ug/l		10/8/04	LEF
cis-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
trans-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
Ethyl benzene	<1	ug/l		10/8/04	LEF
2-Hexanone	<10	ug/l		10/8/04	LEF
Iodomethane (Methyl iodide)	<5	ug/l		10/8/04	LEF
Methylene chloride	<1	ug/l		10/8/04	LEF
4-Methyl-2-pentanone (MIBK)	<10	ug/l		10/8/04	LEF
Styrene	<1	ug/l		10/8/04	LEF
1,1,1,2-Tetrachloroethane	<]	ug/l		10/8/04	LEF
1,1,2,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
Tetrachloroethene	<1	ug/l		10/8/04	LEF
Toluene	<1	ug/l		10/8/04	LEF
1,1,1-Trichloroethane	<1	ug/l		10/8/04	LEF
1,1,2-Trichloroethane	<1	ug/l		10/8/04	LEF
Trichloroethene	<1	ug/l		10/8/04	LEF
Trichlorofluoromethane (Freon 11)	<1	ug/l		10/8/04	LEF
1,2,3-Trichloropropane	<1	ug/l		10/8/04	LEF
Vinyl acetate	<5	ug/l		10/8/04	LEF
Vinyl chloride	<1	ug/l		10/8/04	LEF
Xylenes (Total)	<1	ug/l		10/8/04	LEF

Life Science Laboratories, Inc.

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Date Printed: 11/1/04

ra Fuginaaring Albany NV Dala

			Delaware Engineeri	ng Al	bany, NI	Y		
Sa	mple ID:	MW-1S		ż		LSL Sample ID:	0417149-0)02
Le	ocation:							
Sa	mpled:	09/28/04 11:20	Sampled By: EF					
Sa	mple Matrix:	NPW						
A	nalytical Meth	od				Prep	Analysis	Analyst
	Analyte	<u>_</u>		Result	Units	Date	Date & Time	<u>Initials</u>
(1)	EPA 8260B 7	CL Volatiles (Modi	fied List)					
	Surrogate	(1,2-DCA-d4)		94	%R		10/8/04	LEF
	Surrogate	(Tol-d8)		96	%R		10/8/04	LEF
	Surrogate	(4-BFB)		104	%R		10/8/04	LEF
(1)	EPA Method	300.0 A						
	Bromide			< 0.1	mg/l		9/29/04	RAF
	Chloride			2.5	mg/l		9/29/04	RAF
	Nitrate as l	N		0.14	mg/l		9/29/04 20:46	RAF
	Sulfate			7.1	mg/l		9/29/04	RAF
(1)	HACH 8000 (COD						
	Chemical C	Oxygen Demand		7.9	mg/l		10/1/04	JN
(5)	SM 18 2320B	, Alkalinity as CaCO	3					
	Alkalinity			8.0	mg/l		10/12/04	DSW
(1)	SM 18 3500C	r-D Hexavalent Chro	omium					
	Chromium	, Hexavalent		< 0.01	mg/l		9/29/04	JN
(1)	SM 19 5310C	TOC						
	Total Orga	nic Carbon		3.0	mg/l	10/5/04	10/5/04	DWK/K BB
(1)	SM18-2540C	Total Dissolved Soli	ds					
	Total Disso	lved Solids @ 180 C		52	mg/l		10/4/04	MM

Delaware Engineering Albany, NY

Location: Sampled: 09/28/04 11:45 Sampled By: EF Sample Matrix: NPW Analytical Method Prep Analysis Analyte Result Units Date Date & Time (1) EPA 110.2, Color Nparent Color 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 Image: Color Total Hardness as CaCO3 Image: Color Total Hardness as CaCO3 Image: Color Total Hardness as CaCO3 Hardness, Total 450 mg/l 10/5/04 (1) EPA 245.1 Total Mercury <0.0002	Analyst Initials JN
Sampled: 09/28/04 11:45 Sampled By: EF Sample Matrix: NPW Analytical Method Prep Analysis Analyte Result Units Date Date & Time (1) EPA 110.2, Color Result Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 Hardness, Total 450 mg/l 10/5/04 (1) EPA 245.1Total Mercury <0.0002	Analyst Initials JN
Sample Matrix: NPW Prep Analysis Analyte Result Units Date Date & Time (1) EPA 110.2, Color 1400 Units Date Date & Time (1) EPA 110.2, Color 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 10/5/04 10/5/04 (1) EPA 245.1Total Mercury <0.0002 mg/l 10/8/04 (1) EPA 245.1Total Mercury <0.0002 mg/l 10/8/04 (1) EPA 335.2 Total Cyanide (2) EPA 335.2 Total Cyanide (1) EPA 335.2 Total Cyanide (2) EPA 350.1 Ammonia (4) EPA 351.2 TKN as N 220 mg/l 10/11/04	Analyst Initials JN
Shinple Matrix. Mr W Analytical Method Prep Analysis Analyte Result Units Date Date & Time (1) EPA 110.2, Color 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 1005/04 10/5/04 (1) EPA 245.1Total Mercury <0.0002	Analyst Initials JN
Analyte Prep Analysis Analyte Result Units Date Date & Time (1) EPA 110.2, Color 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 1005/04 10/5/04 (1) EPA 245.1Total Mercury <0.0002	Initials
Analyte Result Date	JN
 (1) EPA 110.2, Color Apparent Color 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 Hardness, Total 450 mg/l 10/5/04 (1) EPA 245.1Total Mercury Mercury <0.0002 mg/l 10/8/04 The result of the calibration check sample associated with this analysis was less than the established control limit. Therefore result reported above may be biased low. (1) EPA 335.2 Total Cyanide Cyanide, Total <quad p="" text<=""> </quad> (1) EPA 350.1 Ammonia Ammonia as N 200 mg/l 10/11/04 	JN
Apparent Color 1400 Units 9/29/04 (1) EPA 200.7 Total Hardness as CaCO3 10/5/04 Hardness, Total 450 mg/l 10/5/04 (1) EPA 245.1 Total Mercury 0.0002 mg/l 10/8/04 <i>Mercury</i> <0.0002	JIN
 (1) EPA 200.7 Total Hardness as CaCO3 Hardness, Total 450 mg/l 10/5/04 (1) EPA 245.1Total Mercury Mercury <0.0002 mg/l 10/8/04 The result of the calibration check sample associated with this analysis was less than the established control limit. Therefore result reported above may be biased low. (1) EPA 335.2 Total Cyanide Cyanide, Total <0.01 mg/l 10/6/04 (1) EPA 350.1 Ammonia Ammonia as N 220 mg/l 10/11/04 (1) EPA 351.2 TKN as N 	
Hardness, Total 450 mg/l 10/5/04 (1) EPA 245.1Total Mercury <0.0002 mg/l	
 (1) EPA 245.1Total Mercury Mercury Constant of the calibration check sample associated with this analysis was less than the established control limit. Therefore result reported above may be biased low. (1) EPA 335.2 Total Cyanide Cyanide, Total < <l< td=""><td>TER</td></l<>	TER
Mercury <0.0002 mg/l	
The result of the calibration check sample associated with this analysis was less than the established control limit. Therefore result reported above may be biased low. (1) EPA 335.2 Total Cyanide Cyanide, Total <0.01 mg/l	TER
(1) EPA 335.2 Total Cyanide Cyanide, Total <0.01 mg/l	re, the analytical
(1) EPA 335.2 Total Cyanide <0.01 mg/l	
Cyanide, Total <0.01 mg/l 10/6/04 (1) EPA 350.1 Ammonia Ammonia as N 220 mg/l 10/11/04 (1) EPA 351.2 TKN as N 200 mg/l 10/11/04	
(1) EPA 350.1 Ammonia Ammonia as N 220 mg/l (1) EPA 351.2 TKN as N	JN
Ammonia as N 220 mg/l 10/11/04 (1) EPA 351 2 TKN as N 10/11/04 10/11/04	
(1) EPA 351 2 TKN 25 N	DRB
Total Kieldahl Nitrogen 230 mg/l 10/8/04 10/11/04	DRB
	510
(1) EPA 405.1 BOD-5	
Biochemical Oxygen Demand, 5 Day 35 mg/l 9/29/04 15:	J0 MM
(1) EPA 420.1 Recoverable Phenolics ML	
Phenolics, Total Recoverable 0.019 mg/l 10/11/04 10/12/04	JN
(1) EPA 6010 Total Metals	
Boron 2.8 mg/l 10/5/04	TER
Potassium 400 mg/l 10/7/04	TER
The result of the calibration check sample associated with this analysis was greater than the established control limit. The	efore, the
analytical result reported above may be biased high.	TED
$\frac{10}{10}$	TER
Magnesium 63 mg/l 10/5/04	TER
Lead <0.01 mg/l 10/5/04	TER
Cadmium <0.01 mg/l 10/5/04	TER
Aluminum 0.45 mg/l 10/5/04	TER
Calcium 76 mg/l 10/5/04	TER
Antimony 0.014 mg/l 10/5/04	TER
Arsenic 0.026 mg/l 10/5/04 Describit 10/5/04 10/5/04 10/5/04	TER
Berymum $< 0.01 \text{ mg/l}$ $10/5/04$	TER
Sodium 320 mg/l 10/5/04	TER
Chromium <0.01 mg/l 10/5/04	TER
Copper <0.01 mg/l 10/5/04	TER
Nicke! 0.024 mg/l 10/5/04	TER
Selenium <0.01 mg/l 10/5/04	TER
Silver <0.01 mg/l 10/5/04	TER
Thallium <0.01 mg/l 10/5/04	TER
Zinc 0.026 mg/l 10/5/04	TER
Cobalt <0.01 mg/l 10/5/04 Variadium 0.027 mg/l 10/5/04	
• anaguum 0.020 mg/l 10/5/04	TER

Life Science Laboratories, Inc.

LSL Sample ID:

0417149-003

Albany, NY Delaware Engineering

Sampled By: EF

Sample ID:

Location:

Sampled:

Sample Matrix: NPW

09/28/04 11:45

MW-12

Analytical Method

Analytical Method			Prep	Analysis	Analyst
Analyte	<u>Result</u>	<u>Units</u>	Date	Date & Time	Ini <u>tials</u>
(1) EPA 8260B TCL Volatiles (Modified List)		· -			
Acetone	<10	ug/l		10/8/04	LEF
Acrylonitrile	<5	ug/l		10/8/04	LEF
Benzene	16	ug/l		10/8/04	LEF
Bromochloromethane	<1	ug/l		10/8/04	LEF
Bromodichloromethane	<1	ug/l		10/8/04	LEF
Bromoform	<]	ug/l		10/8/04	LEF
Bromomethane	<1	ug/l		10/8/04	LEF
2-Butanone (MEK)	<10	ug/l		10/8/04	LEF
Carbon disulfide	<1	ug/}		10/8/04	LEF
Carbon tetrachloride	<1	ug/l		10/8/04	LEF
Chlorobenzene	1.6	ug/l		10/8/04	LEF
Chloroethane	<1	ug/l		10/8/04	LEF
Chloromethane	<1	ug/]		10/8/04	LEF
Chloroform	<1	ug/l		10/8/04	LEF
Dibromochloromethane	<1	ug/l		10/8/04	LEF
1,2-Dibromo-3-chloropropane	<1	ug/l		10/8/04	LEF
1,2-Dibromoethane(EDB)	<1	ug/l		10/8/04	LEF
Dibromomethane	<1	ug/l		10/8/04	LEF
1,2-Dichlorobenzene	<1	ug/l		10/8/04	LEF
1,4-Dichlorobenzene	<1	ug/l		10/8/04	LEF
trans-1,4-Dichloro-2-butene	<5	ug/l		10/8/04	LEF
1,1-Dichloroethane	<1	ug/l		10/8/04	LEF
1,2-Dichloroethane	<1	ug/l		10/8/04	LEF
1,1-Dichloroethene	<1	ug/l		10/8/04	LEF
cis-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
trans-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
1,2-Dichloropropane	<1	ug/l		10/8/04	LEF
cis-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
trans-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
Ethyi benzene	<1	ug/l		10/8/04	LEF
2-Hexanone	<10	ug/l		10/8/04	LEF
Iodomethane (Methyl iodide)	<5	ug/l		10/8/04	LEF
Methylene chloride	<1	ug/l		10/8/04	LEF
4-Methyl-2-pentanone (MIBK)	<10	ug/l		10/8/04	LEF
Styrene	<1	ug/l		10/8/04	LEF
1,1,1,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
1,1,2,2-1 etrachloroethane	<]	ug/l		10/8/04	LEF
l etrachioroethene Telever	<]	ug/l		10/8/04	LEF
1 oluene	<]	ug/l		10/8/04	LEF
1,1,1-1 richloroethane	<1	ug/l		10/8/04	LEF
1,1,2-1 memoroemane Trichlaraathana	<	ug/I		10/8/04	
Trichlorofluoromethone (Creen 11)		ug/1		10/8/04	
1 7 2 Trichloronnong	<]	ug/I		10/8/04	
1,2,3-1 richoropropane	<]	ug/I		10/8/04	LEF
v myr acerare Vinyl chlorida	<>>	ug/I		10/8/04	
Vilanes (Total)	<u>~1</u>	ug/i		10/8/04	
	2.0	ugn		10/8/04	LEF

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Date Printed:

0417149-003

Analyst

Initials

LEF

LEF

LEF

RAF

RAF

RAF

RAF

JN

DSW

JN

DWK/K

BB

MM

Analysis

Date & Time

10/8/04

10/8/04

10/8/04

9/29/04

10/1/04

9/29/04

9/29/04

10/1/04

10/12/04

9/29/04

10/5/04

10/4/04

21:04

Delaware Engineering Albany, NY

Sample ID: **MW-12** LSL Sample ID: Location: Sampled: 09/28/04 11:45 Sampled By: EF Sample Matrix: NPW **Analytical Method** Prep Date Analyte Result Units (1) EPA 8260B TCL Volatiles (Modified List) Surrogate (1,2-DCA-d4) 99 %R 95 Surrogate (Tol-d8) %R Surrogate (4-BFB) 98 %R (1) EPA Method 300.0 A Bromide 4.8 mg/l Chloride 270 mg/l Nitrate as N 0.20 mg/l Sulfate 2.3 mg/l (1) HACH 8000 COD **Chemical Oxygen Demand** 420 mg/l (5) SM 18 2320B, Alkalinity as CaCO3 Alkalinity 1700 mg/l (1) SM 18 3500Cr-D Hexavalent Chromium Chromium, Hexavalent < 0.01 mg/l (1) SM 19 5310C TOC **Total Organic Carbon** 10/5/04 140 mg/l

(1) SM18-2540C Total Dissolved Solids Total Dissolved Solids @ 180 C

1700

mg/l

Delaware Engineering Albany, NY

Sample	ID:	MW-3S				LSL Sample ID:	0417149-	-004
Locatio	n:							
Sample	d:	09/28/04 12:52	Sampled By: EF					
Sample	Matrix	NPW	F J					
Analyti	aal Math			_		 Drop	Analysis	Analyst
	<u>Analyte</u>			Result	<u>Units</u>	Date	Date & Time	Initials
(1) EPA	110.2, C	olor		·		- <u>-</u>		
	Apparent (Color		750	Units		9/29/04	ЛN
(<i>1</i>) EPA	200.7 Te	ntal Hardness as CaCC	13					
	Hardness.	Total	•	100	mg/l		10/5/04	TER
	245 1To	tol Moroury			5			
() EFA	. 245,110 Monoumi	tal Mercury		<0.0000			10/8/04	TED
	Mercury	The result of the calibration	check sample associated	<0.0002 with this ar	ing/i alusis was	less than the established co	10/8/04 Introl limit Therefore	the analytical
	ז	result reported above may b	be biased low.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	airysis wiis	tess than the established co	nti ol tinitt. Therejore,	me unutyneur
(1) EPA	. 335.2 To	otal Cyanide						
	Cyanide, T	otal		< 0.01	mg/l	10/6/04	10/6/04	JN
(I) EPA	. 350.1 Ar	nmonia						
	Ammonia a	is N		56	mg/l		10/11/04	DRB
(I) EPA	351.2 TK	(N as N						
,	Total Kield	ahl Nitrogen		50	mg/l	10/8/04	10/11/04	DRB
(1) EDA	405 1 BC	ד תו			C			
	Riachamica	JD-J		16	ma/l		9/29/04 15:00	ММ
	Diochemica	n Oxygen Demand, 5 Day		10	/ng/1		9/29/04 15:00	IVIIVI
(1) EPA	420.1 Re	coverable Phenolics N	1L					~ ~
1	Phenolics, 7	Fotal Recoverable		<0.002	mg/l	10/11/04	10/12/04	JN
(I) EPA	6010 Tot	al Metals						
1	Boron			0.37	mg/l		10/5/04	TER
l	Potassium _			110	mg/l		10/7/04	TER
	1	he result of the calibration nalytical result reported at	check sample associated v	with this an	alysis was	greater than the established	l control limit. Therefo	ore, the
I	lron			9.3	mg/l		10/5/04	TER
r	Manganese			0.38	mg/l		10/5/04	TER
Ν	Magnesium			6.8	mg/l		10/5/04	TER
I	Lead			< 0.01	mg/l		10/5/04	TER
C	Cadmium			< 0.01	mg/l		10/5/04	TER
A	Aluminum			0.44	mg/l		10/5/04	TER
				29 <0.01	mg/l		10/5/04	TER
ŗ	Arsenic			0.012	mg/l		10/5/04	TER
E	Beryllium			< 0.01	mg/1		10/5/04	TER
E	Barium			<0.2	mg/l		10/5/04	TER
S	Sodium			6.1	mg/l		10/5/04	TER
C	Chromium			<0.01	mg/l		10/5/04	TER
C	Copper			< 0.01	mg/l		10/5/04	TER
N ~	Nickel			0.011	mg/l		10/5/04	TER
S	elenium			< 0.01	mg/l		10/5/04	TER
5 т	niver Thallium			<0.01	mg/l		10/5/04	1EK TED
7	Linc			0.020	mg/l		10/5/04	TFR
C	Cobalt			< 0.01	mg/l		10/5/04	TER
v	anadium			0.018	mg/l		10/5/04	TER
•				0.010			10.0.04	1111

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11/1/04

Date Printed:

LSL Sample ID:

0417149-004

Delaware Engineering Albany, NY

Sample ID: MW-3S

Location:

Sampled:

Sampled By: EF

Sample Matrix: NPW

09/28/04 12:52

Analyte Result Units Date Date & Time Initials (7) EPA 8260B TCL Volatiles (Modified List) 10 100	Ar	alytical Method			Prep	Analysis	Analyst																																																																																																																																																
PP A \$260B TCL Volatiles (Modified List) <10 ug/l 10/804 LEF Actrono <5 ug/l 10/804 LEF Branzes <1 ug/l 10/804 LEF Bromodichoromethane <1 ug/l 10/804 LEF Carbon distilde <1 ug/l 10/804 LEF Carbon distilde <1 ug/l 10/804 LEF Chioromethane <1 ug/l 10/804 LEF Chioromethane <1 ug/l 10/804 LEF Chioromethane <1 ug/l 10/804 LEF Dibromochioromethane <1 ug/l 10/804 LEF 1,2-Dibromechane(CDB) <1 ug/l 10/804 LEF 1,2-Dichoroperpane <1		Analyte	Result	Units	Date	Date & Time	<u>Initials</u>																																																																																																																																																
Accone-10ugl108/041.1FAcrone-3sgl108/041.1FAcronalization-3ugl108/041.EFBronachloromchane-3ugl108/041.EFBronachloromchane-3ugl108/041.EFBronachloromchane-3ugl108/041.EFBronacemethane-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFChrobaster-3ugl108/041.EFDhromothare-4ugl108/041.EFDhromothare-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF1.3-Dichorostane-4ugl108/041.EF<	(1)	EPA 8260B TCL Volatiles (Modified List)																																																																																																																																																					
AcyclositrileSgd10%04LEFBranselharomethane<1gd10%04LEFBranselharomethane<1gd10%04LEFBranselharomethane<1gd10%04LEFBranselharomethane<1gd10%04LEFBranselharomethane<1gd10%04LEFCarbon disulfate<1gd10%04LEFCarbon disulfate<1gd10%04LEFChioroethane<1gd10%04LEFChioroethane<1gd10%04LEFChioroethane<1gd10%04LEFChioroethane<1gd10%04LEFChioroethane<1gd10%04LEFDiromoethane(EDB)<1gd10%04LEFDiromoethane(EDB)<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEFLi-Dichlorobrane<1gd10%04LEF		Acetone	<10	ug/l		10/8/04	LEF																																																																																																																																																
Perces </td <td></td> <td>Acrylonitrile</td> <td><5</td> <td>ug/l</td> <td></td> <td>10/8/04</td> <td>LEF</td>		Acrylonitrile	<5	ug/l		10/8/04	LEF																																																																																																																																																
Bromolhoromethane </td <td></td> <td>Benzene</td> <td><1</td> <td>ug/l</td> <td></td> <td>10/8/04</td> <td>LEF</td>		Benzene	<1	ug/l		10/8/04	LEF																																																																																																																																																
Bromotichloromethane<1ug110.8004LEFBromotichane<1ug110.8004LEFBromotichane<10ug110.8004LEFCarbon tetrachloride<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFChloroberzene<1ug110.8004LEFLi-Dibromosthane<1ug110.8004LEFLi-Dibromosthane<1ug110.8004LEFLi-Dibromosthane<1ug110.8004LEFLi-Dibroroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Dibloroberzene<1ug110.8004LEFLi-Diblo		Bromochloromethane	<1	ug/l		10/8/04	LEF																																																																																																																																																
Bromore have<1ug1108/04LEFBromore have<1		Bromodichloromethane	<1	ug/l		10/8/04	LEF																																																																																																																																																
Bromomethane<1ug/l10.8004LEF2-Batanone (MEK)<10		Bromoform	<1	ug/l		10/8/04	LEF																																																																																																																																																
2-Botanoe (MEK)<< </td <td></td> <td>Bromomethane</td> <td><]</td> <td>ug/l</td> <td></td> <td>10/8/04</td> <td>LEF</td>		Bromomethane	<]	ug/l		10/8/04	LEF																																																																																																																																																
Carbon disulfide<1ug110.804LEFCarbon tetrachoride<1		2-Butanone (MEK)	<10	ug/l		10/8/04	LEF																																																																																																																																																
Carbon tetrachloride<1ug110%04LEFChlorobenzene<2		Carbon disulfide	<1	ug/l		10/8/04	LEF																																																																																																																																																
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2-Hexanone<10ug/l10/8/04LEFIodomethane (Methyl iodide)<5		Ethyl benzene	<1	ug/l		10/8/04	LEF																																																																																																																																																
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4-Methyl-2-pentanone (MIBK) <10		Methylene chloride	<1	ug/l		10/8/04	LEF																																																																																																																																																
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Life Science Laboratories, Inc.

Page 12 of 36

Date Printed: 11/1/04

LSL Sample ID:

0417149-004

Delaware Engineering Albany, NY

Sampled By: EF

Sample ID:MW-3SLocation:Sampled:09/28/04 12:52Sample Matrix:NPWAnalytical MethodAnalyte

A	nalytical Method			Prep	Analys	sis	Analyst
	Analyte	Result	Units	Date	Date & T	[ime	Initials
(1)	EPA 8260B TCL Volatiles (Modified List)						
	Surrogate (1,2-DCA-d4)	101	%R		10/8/04		LEF
	Surrogate (Tol-d8)	99	%R		10/8/04		LEF
	Surrogate (4-BFB)	100	%R		10/8/04		LEF
(1)	EPA Method 300.0 A						
	Bromide	<0.1	mg/l		9/29/04		RAF
	Chloride	3.3	mg/l		9/29/04		RAF
	Nitrate as N	0.15	mg/l		9/29/04	21:21	RAF
	Sulfate	36	mg/l		9/29/04		RAF
(1)	HACH 8000 COD						
	Chemical Oxygen Demand	84	mg/l		10/1/04		JN
(5)	SM 18 2320B, Alkalinity as CaCO3						
	Alkalinity	340	mg/l		10/12/04		DSW
(1)	SM 18 3500Cr-D Hexavalent Chromium						
	Chromium, Hexavalent	< 0.01	mg/l		9/29/04		JN
(1)	SM 19 5310C TOC						
	Total Organic Carbon	26	mg/l	10/5/04	10/5/04		DWK/K
	This result should be considered an estimate	e because the concent	ration exceed	ed the linear range of the	instrument.		BB
(1)	SM18-2540C Total Dissolved Solids						
	Total Dissolved Solids @ 180 C	350	mg/l		10/4/04		MM

Result

700

Units

Units

LSL Sample ID:

Prep

Date

0417149-005

Analyst Initials

JN

Analysis

Date & Time

9/29/04

Albany, NY gineering

	LA	DUNATURI
		Delaware Engineeri
Sample ID:	MW-9S	
Location:		
Sampled:	09/28/04 13:40	Sampled By: EF
Sample Matrix:	NPW	
Analytical Meth	od	
Analyte		
(1) EPA 110.2, C	color	
Apparent	Color	
(1) EPA 200.7 T	otal Hardness as CaC	03
Hardness,	Total	
(1) EPA 245.1To	tal Mercury	
Mercury	2	
(1) EPA 335.2 To	otal Cvanide	
Cyanide, T	otal	
(1) EPA 350.1 A	mmonia	
Ammonia	as N	
(1) EPA 351.2 TH	KN as N	
Total Kjelo	lahl Nitrogen	
(1) EPA 405.1 B	DD-5	
Biochemica	al Oxygen Demand, 5 Da	ay
(1) EPA 420.1Re	coverable Phenolics	ML
Phenolics,	Total Recoverable	
(1) EPA 6010 To	tal Metals	
Boron		
Potassium		
	The result of the calibration in alytical result reported to the second se	on check sample associated above may be biased high.
Iron		
Manganese		
Magnesium	I	
Lead		
Cadmium		
Calcium		
Antimony		

10/5/04 TER 280 mg/l 10/13/04 TER < 0.0002 mg/l < 0.01 10/6/04 10/6/04 JN mg/l 0.48 10/11/04 DRB mg/l 0.78 mg/l 10/8/04 10/11/04 DRB 4.7 mg/l 9/29/04 15:00 MM < 0.002 mg/l 10/11/04 10/12/04 JN 0.027 10/5/04 TER mg/l 2.2 mg/l 10/5/04 TER ociated with this analysis was greater than the established control limit. Therefore, the d high. TER 6.1 mg/l 10/5/04 0.96 mg/l 10/5/04 TER 10/5/04 TER 16 mg/l < 0.01 10/5/04 TER mg/l < 0.01 TER mg/l 10/5/04 1.4 mg/l 10/5/04 TER 84 10/5/04 TER mg/l < 0.01 10/5/04 TER mg/l < 0.01 Arsenic TER mg/l 10/5/04 Beryllium < 0.01 TER mg/l 10/5/04 Barium < 0.2 mg/l 10/5/04 TER Sodium 33 mg/l 10/5/04 TER Chromium < 0.01 mg/l 10/5/04 TER Copper < 0.01 10/5/04 TER mg/l 0.014 Nickel mg/l 10/5/04 TER Selenium < 0.01 TER mg/l 10/5/04 Silver < 0.01 mg/l 10/5/04 TER Thallium < 0.01 mg/l 10/5/04 TER Zinc 0.022 mg/l 10/5/04 TER Cobalt < 0.01 mg/i 10/5/04 TER Vanadium < 0.01 mg/l 10/5/04 TER (1) EPA 8260B TCL Volatiles (Modified List) 10/8/04 Acetone <10 ug/l LEF Page 14 of 36 Life Science Laboratories, Inc.

Date Printed:

Delaware Engineering Albany, NY

Sampled By: EF

Sample ID: MW-9S

09/28/04 13:40

LSL Sample ID:

0417149-005

Location: Sampled:

Sample Matrix: NPW

Ar	alytical Method			Prep	Analysis	Analyst
	Anal <u>yte</u>	Result	Units	Date	Date & Time	Initials
(1)	EPA 8260B TCL Volatiles (Modified List)					
	Acrylonitrile	<5	ug/l		10/8/04	LEF
	Benzene	<1	ug/l		10/8/04	LEF
	Bromochloromethane	<1	ug/l		10/8/04	LEF
	Bromodichloromethane	<1	ug/l		10/8/04	LEF
	Bromoform	<1	ug/l		10/8/04	LEF
	Bromomethane	<1	ug/l		10/8/04	LEF
	2-Butanone (MEK)	<10	ug/l		10/8/04	LEF
	Carbon disulfide	<1	ug/l		10/8/04	LEF
	Carbon tetrachloride	<1	ug/l		10/8/04	LEF
	Chlorobenzene	<1	ug/l		10/8/04	LEF
	Chloroethane	<1	ug/l		10/8/04	LEF
	Chloromethane	<1	ug/l		10/8/04	LEF
	Chloroform	<1	ug/l		10/8/04	LEF
	Dibromochloromethane	<1	ug/l		10/8/04	LEF
	1,2-Dibromo-3-chloropropane	<1	ug/l		10/8/04	LEF
	1,2-Dibromoethane(EDB)	<1	ug/l		10/8/04	LEF
	Dibromomethane	<1	ug/l		10/8/04	LEF
	1,2-Dichlorobenzene	<1	ug/l		10/8/04	LEF
	1,4-Dichlorobenzene	<1	ug/l		10/8/04	LEF
	trans-1,4-Dichloro-2-butene	<5	ug/l		10/8/04	LEF
	1,1-Dichloroethane	<1	ug/l		10/8/04	LEF
	1,2-Dichloroethane	<1	ug/l		10/8/04	LEF
	1,1-Dichloroethene	<1	ug/l		10/8/04	LEF
	cis-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
	trans-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
	1,2-Dichloropropane	<1	ug/l		10/8/04	LEF
	cis-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
	trans-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
	Ethyl benzene	<1	ug/l		10/8/04	LEF
	2-Hexanone	<10	ug/l		10/8/04	LEF
	Iodomethane (Methyl iodide)	<5	ug/l		10/8/04	LEF
	Methylene chloride	<1	ug/l		10/8/04	LEF
	4-Methyl-2-pentanone (MIBK)	<10	ug/l		10/8/04	LEF
	Styrene	<1	ug/l		10/8/04	LEF
	1,1,1,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
	1,1,2,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
	Tetrachloroethene	<1	ug/l		10/8/04	LEF
	Toluene	<1	ug/l		10/8/04	LEF
	1,1,1-1richloroethane	<]	ug/l		10/8/04	LEF
	1,1,2-Trichloroethane	<1	ug/l		10/8/04	LEF
	1 richloroethene	<1	ug/I		10/8/04	LEF
	1 richioroiluoromethane (Freon 11)	<1	ug/I		10/8/04	LEF
	1,2,5-1 richloropropane	<1	ug/I		10/8/04	LEF
	vinyl acetate	<5	ug/I		10/8/04	LEF
	vinyi chioride Vulance (Total)	<1	ug/I		10/8/04	LEF
	Aytenes (10tal)	<]	ug/I		10/8/04	LEF
	Surrogate (1,2-DCA-04)	97	%K		10/8/04	LEF

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Date Printed:

11/1/04

Delaware Engineering Albany, NY

Sampled By: EF

Sample ID: MW-9S LSL Sample ID:

0417149-005

Sampled:

Location:

09/28/04 13:40 Sample Matrix: NPW

	abitical Mathad			Drop	Analysis		Analyst
A	Analytical Miethod	Decult	Unite	Date	Date & Tir	me	Initials
=						<u> </u>	Intrais
(1)	EPA 8260B TCL Volatiles (Modified List)						
	Surrogate (Tol-d8)	97	%R		10/8/04		LEF
	Surrogate (4-BFB)	98	%R		10/8/04		LEF
(1)	EPA Method 300.0 A						
	Bromide	< 0.1	mg/l		9/29/04		RAF
	Chloride	3.0	mg/l		9/29/04		RAF
	Nitrate as N	<0.1	mg/l		9/29/04 2	21:39	RAF
	Sulfate	1.9	mg/l		9/29/04		RAF
(1)	HACH 8000 COD						
	Chemical Oxygen Demand	79	mg/l		10/1/04		JN
(5)	SM 18 2320B, Alkalinity as CaCO3						
	Alkalinity	210	mg/l		10/12/04		DSW
(1)	SM 18 3500Cr-D Hexavalent Chromium						
	Chromium, Hexavalent	< 0.01	mg/l		9/29/04		JN
(1)	SM 19 5310C TOC						
	Total Organic Carbon	24	mg/l	10/5/04	10/5/04		DWK/K BB
(1)	SM18-2540C Total Dissolved Solids						
	Total Dissolved Solids @ 180 C	370	mg/l		10/4/04		MM

Delaware Engineering Albany, NY

Sample ID:	MW-2D				LSL Sample ID:	041714	19-006
Location:					Ĩ		
Sampled	09/28/04 14.15	Sampled By: FF					
Sample Matrix	• NDW	Sampled by: Er					
Sample Matrix							
Analytical Met	nou	F	Zecult	Unite	Prep Date	Analysis Date & Time	Analyst Initials
(l) EPA 110.2	Color			oms			
Annarent	t Color		650	Units		9/29/04	IN
(1) EDA 200 7 7	Fotol Hordroom on CoCC	22	050	omo		5,25,04	511
(1) EPA 200.7]	Total Hardness as CaCC	5	00	(1		10/5/04	TED
	, Iotai		90	mg/1		10/3/04	IEK
(1) EPA 245.1T	otal Mercury						
Mercury		<	0.0002	mg/l		10/13/04	TER
(1) EPA 335.2 T	Total Cyanide						
Cyanide,	Total		< 0.01	mg/l	10/6/04	10/6/04	JN
(1) EPA 350.1 A	Ammonia						
Ammonia	as N		2.5	mg/l		10/11/04	DRB
(1) EPA 351.2 T	TKN as N						
Total Kje	ldahl Nitrogen		5.0	mg/l	10/8/04	10/11/04	DRB
(I) EPA 405.1 F	SOD-5						
Biochemi	cal Oxygen Demand, 5 Day		7.5	mg/l		9/29/04 15:	00 MM
(1) EPA 420 1 R	ecoverable Phenolics	T		U			
Phenolics	Total Recoverable	vil.	<0.002	ma/l	10/11/04	10/12/04	IN
			~0.002	iiig/i	10/11/04	10/12/04	319
(1) EPA 6010 10	otai Metais		0.000			10/5/04	TCD
Boron Potassium			0.089	mg/l		10/5/04	TER
i otassiun	The result of the calibration	i check sample associated with	h this and	alvsis was	preater than the established	control limit. The	refore, the
	analytical result reported a	bove may be biased high.					
Iron			11	mg/l		10/5/04	TER
Manganes	se		1.1	mg/l		10/5/04	TER
Magnesiu	m		3.9	mg/l		10/5/04	TER
Cadmium			<0.01	mg/l		10/5/04	TER
Aluminum	1		0.37	mg/l		10/5/04	TER
Calcium			29	mg/l		10/5/04	TER
Antimony			< 0.01	mg/l		10/5/04	TER
Arsenic			0.011	mg/l		10/5/04	TER
Beryllium			< 0.01	mg/l		10/5/04	TER
Barium			0.23	mg/l		10/5/04	TER
Sodium			3.0	mg/l		10/5/04	TER
Capper	1		<0.01	mg/l		10/5/04	TER
Nickel			<0.01	mg/l		10/5/04	TER
Selenium			< 0.01	mg/l		10/5/04	TER
Silver			<0.01	mg/l		10/5/04	TER
Thallium			<0.01	mg/l		10/5/04	TER
Zinc	•		0.017	mg/l		10/5/04	TER
Cobalt			<0.01	mg/l		10/5/04	TER
Vanadium			0.012	mg/l		10/5/04	TER
1) EPA 8260B 7	TCL Volatiles (Modifie	d List)					
Acetone			<10	ug/l		10/8/04	LEF

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11/1/04

Date Printed:

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes

1

Delaware Engineering Albany, NY

Sample ID: MW-2D

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LSL Sample ID:
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0417149-006

Location:

Sampled:

09/28/04 14:15 Sampled By: EF

Sample Matrix: NPW

Analytical Method Prep Analysis Analyst Date Date & Time Initials Analyte Result Units (1) EPA 8260B TCL Volatiles (Modified List) ug/l LEF <5 10/8/04 Acrylonitrile LEF Benzene <1 ug/l 10/8/04 Bromochloromethane <1 10/8/04 LEF ug/l 10/8/04 LEF Bromodichloromethane <1 ug/l LEF 10/8/04 Bromoform <1 ug/l 10/8/04 LEF Bromomethane <1 ug/l 2-Butanone (MEK) <10 10/8/04 LEF ug/l Carbon disulfide <1 10/8/04 LEF ug/l Carbon tetrachloride 10/8/04 LEF <1 ug/l LEF 10/8/04 <1 Chlorobenzene ug/l LEF Chloroethane <1 ug/l 10/8/04 <1 10/8/04 LEF Chloromethane ug/l LEF Chloroform <1 10/8/04 ug/l Dibromochloromethane <1 10/8/04 LEF ug/l 10/8/04 LEF <1 ug/l 1,2-Dibromo-3-chloropropane 1,2-Dibromoethane(EDB) <1 ug/l 10/8/04 LEF LEF 10/8/04 Dibromomethane <1 ug/l 1.2-Dichlorobenzene <1 ug/l 10/8/04 LEF LEF 1,4-Dichlorobenzene <1 10/8/04 ug/l 10/8/04 LEF trans-1,4-Dichloro-2-butene <5 ug/l 10/8/04 LEF 1,1-Dichloroethane <1 ug/l LEF 10/8/04 1,2-Dichloroethane < 1ug/l 1.1-Dichloroethene <1 10/8/04 LEF ug/l LEF cis-1,2-Dichloroethene <1 ug/l 10/8/04 <1 10/8/04 LEF trans-1,2-Dichloroethene ug/l 10/8/04 LEF 1,2-Dichloropropane <1 ug/l LEF cis-1,3-Dichloropropene <1 ug/l 10/8/04 trans-1,3-Dichloropropene <1 ug/l 10/8/04 LEF LEF Ethyl benzene <1 ug/l 10/8/04 <10 10/8/04 LEF 2-Hexanone ug/l LEF Iodomethane (Methyl iodide) <5 ug/l 10/8/04 Methylene chloride <1 10/8/04 LEF ug/l LEF 4-Methyl-2-pentanone (MIBK) <10 ug/l 10/8/04 Styrene <1 10/8/04 LEF ug/l 1,1,1,2-Tetrachloroethane <1 ug/l 10/8/04 LEF 1,1,2,2-Tetrachloroethane <1 10/8/04 LEF ug/l Tetrachloroethene <1 ug/l 10/8/04 LEF 10/8/04 LEF Toluene <1 ug/l 1,1,1-Trichloroethane <1 ug/l 10/8/04 LEF 1,1,2-Trichloroethane <1 10/8/04 LEF ug/l Trichloroethene <1 ug/l 10/8/04 LEF Trichlorofluoromethane (Freon 11) <1ug/l 10/8/04 LEF 1,2,3-Trichloropropane <1 10/8/04 LEF ug/l Vinyl acetate <5 ug/l 10/8/04 LEF Vinyl chloride <1 10/8/04 LEF ug/l 10/8/04 LEF **Xylenes** (Total) <1 ug/l 10/8/04 98 %R LEF Surrogate (1,2-DCA-d4)

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11/1/04

Date Printed:

Delaware Engineering Albany, NY

Sample ID: MW-2D LSL Sample ID:

0417149-006

Sampled:

Location:

Sampled By: EF 09/28/04 14:15

Sample Matrix: NPW

Analytical Method				Prep Ana	lysis	Analyst
	Anal <u>vte</u>	Result	Units	Date Date &	& Time	Initials
(1)	EPA 8260B TCL Volatiles (Modified List)					
	Surrogate (Tol-d8)	98	%R	10/8/0)4	LEF
	Surrogate (4-BFB)	101	%R	10/8/0)4	LEF
(1)	EPA Method 300.0 A					
	Bromide	0.12	mg/l	9/29/0)4	RAF
	Chloride	3.8	mg/l	9/29/0)4	RAF
	Nitrate as N	0.17	mg/l	9/29/0)4 21:57	RAF
	Sulfate	33	mg/l	9/29/0)4	RAF
(1)	HACH 8000 COD					
	Chemical Oxygen Demand	32	mg/l	10/1/0)4	JN
(5)	SM 18 2320B, Alkalinity as CaCO3					
	Alkalinity	74	mg/l	10/12/0)4	DSW
(1)	SM 18 3500Cr-D Hexavalent Chromium					
	Chromium, Hexavalent	<0.01	mg/l	9/29/0	4	JN
(1)	SM 19 5310C TOC					
	Total Organic Carbon	8.0	mg/l	10/5/04 10/5/0	14	DWK/K BB
(1)	SM18-2540C Total Dissolved Solids					
	Total Dissolved Solids @ 180 C	160	mg/l	10/4/0	4	MM

Delaware Engineering Albany, NY

LSL Sample ID:

0417149-007

Analyst

Initials

JN

TER

TER

JN

DRB

DRB

MM

JN

TER

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LEF

LEF

LEF

11/1/04

Sample ID: MW-4S Location: Sampled: 09/28/04 15:15 Sampled By: EF Sample Matrix: NPW Analysis **Analytical Method** Prep Date & Time Result Units Date Analyte (1) EPA 110.2, Color 9/29/04 Apparent Color Units 550 (1) EPA 200.7 Total Hardness as CaCO3 10/5/04 Hardness, Total 37 mg/l (1) EPA 245.1Total Mercury Mercury < 0.0002 mg/l 10/13/04 (1) EPA 335.2 Total Cyanide 10/6/04 10/6/04 Cyanide, Total < 0.01 mg/l (1) EPA 350.1 Ammonia 10/11/04 Ammonia as N 3.6 mg/l (1) EPA 351.2 TKN as N 10/8/04 10/11/04 Total Kjeldahl Nitrogen 6.4 mg/l EPA 405.1 BOD-5 (1) 15:00 9/29/04 Biochemical Oxygen Demand, 5 Day <4 mg/l (1) EPA 420.1 Recoverable Phenolics ML Phenolics, Total Recoverable 0.0079 mg/l 10/11/04 10/12/04 (1) EPA 6010 Total Metals Boron 0.28 mg/l 10/5/04 10/5/04 Potassium 17 mg/l 4.3 10/5/04 mg/l Iron Manganese 0.25 mg/l 10/5/04 Magnesium 3.3 mg/l 10/5/04 < 0.01 10/5/04 Lead mg/l < 0.01 10/5/04 Cadmium mg/l 10/5/04 Aluminum 1.4 mg/l Calcium 9.3 mg/l 10/5/04 Antimony < 0.01 mg/l 10/5/04 Arsenic < 0.01 mg/l 10/5/04 < 0.01 10/5/04 Beryllium mg/l Barium < 0.2 mg/l 10/5/04 8.2 10/5/04 Sodium mg/l Chromium < 0.01 mg/l 10/5/04 < 0.01 mg/l 10/5/04 Copper Nickel < 0.01 mg/l 10/5/04 Selenium < 0.01 10/5/04 mg/l Silver < 0.01 mg/l 10/5/04 Thallium < 0.01 mg/l 10/5/04 Zinc 0.019 10/5/04 mg/l < 0.01 10/5/04 Cobalt mg/l Vanadium < 0.01 10/5/04 mg/l (1) EPA 8260B TCL Volatiles (Modified List) 10/8/04 Acetone <10 ug/l 10/8/04 Acrylonitrile <5 ug/l Benzene <1 ug/l 10/8/04

Life Science Laboratories, Inc.

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Date Printed:

LSL Sample ID:

0417149-007

Delaware Engineering Albany, NY

Sample ID: MW-4S

Location:

Sampled:

Sampled By: EF

Sample Matrix: NPW

09/28/04 15:15

Analyte Result Units Date Date & Time Initials (7) EPA 8260B TCL Volatiles (Modified List) 108/04 LEF Bromochloromethane 10g1 108/04 LEF Bromochloromethane 10g1 108/04 LEF Bromochloromethane 10g1 108/04 LEF Chronomethane 10g1 108/04 LEF Carbon storffor 10g1 108/04 LEF Chronomethane 10g1 108/04 LEF Chronomethane 10g1 108/04 LEF Chioroform 10g1 108/04 LEF Chioroform 10g1 108/04 LEF Dibromochloromethane 10g1 108/04 LEF 1.bothoropropace 10g1 108/04 LEF 1.bothoropropace 10g1 108/04 LEF 1.bothoropropace <td< th=""><th>Analytical Method</th><th></th><th></th><th>Prep</th><th>Analysis</th><th colspan="2">Analyst</th></td<>	Analytical Method			Prep	Analysis	Analyst	
DPA 8260B TCL. Volatiles (Modified List) Bromachloromethane <1 ug1 108/04 LEF Bromachloromethane <1 ug1 108/04 LEF Bromachloromethane <1 ug1 108/04 LEF Bromacenthane <1 ug1 108/04 LEF Carbon stantia <1 ug1 108/04 LEF Carbon stantia <1 ug1 108/04 LEF Chiorobezzene <1 ug1 108/04 LEF Chiorobezzene <1 ug1 108/04 LEF Chioromethane <1 ug1 108/04 LEF Dibromochhoramethane <1 ug1 108/04 LEF	Analvte	Result	Units	Date	Date & Time	Initials	
Branscharomethane<1ug/l108/04LEFBromoferm<1ug/l108/04LEFBromoferm<1ug/l108/04LEFBromoferm<1ug/l108/04LEF2 Manne (MEK)<10ug/l108/04LEFCarbon disalfide<1ug/l108/04LEFCarbon disalfide<1ug/l108/04LEFChromethane<1ug/l108/04LEFChromethane<1ug/l108/04LEFChromethane<1ug/l108/04LEFChromethane<1ug/l108/04LEFDhromochheranethane<1ug/l108/04LEFLi, Dibrane-Schloranethane<1ug/l108/04LEFLi, Dibrane-Schloranethane<1ug/l108/04LEFLi, Dibranethane(ED)<1ug/l108/04LEFLi, Dibranethane(ED)<1ug/l108/04LEFLi, Dibranethane(ED)<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEFLi, Dibranethane<1ug/l108/04LEF<	(1) EPA 8260B TCL Volatiles (Modified	List)					
Broundichloromethane </td <td>Bromochloromethane</td> <td><1</td> <td>ug/l</td> <td></td> <td>10/8/04</td> <td>LEF</td>	Bromochloromethane	<1	ug/l		10/8/04	LEF	
Brownorethane<1ug/l10.804LEPBrownorethane<1	Bromodichloromethane	<1	ug/l		10/8/04	LEF	
Bromomethane<1ug/l10804LEF2-butanoe (MEK)<10	Bromoform	<1	ug/l		10/8/04	LEF	
2-Butanone (MEK) </td <td>Bromomethane</td> <td><1</td> <td>ug/l</td> <td></td> <td>10/8/04</td> <td>LEF</td>	Bromomethane	<1	ug/l		10/8/04	LEF	
Carbon disulfide<1ug1108/04LEFCarbon tetrachloride<1	2-Butanone (MEK)	<10	ug/l		10/8/04	LEF	
Carbon tetrachloride<1ug/l108/04LFFChlorobenzze<1	Carbon disulfide	<1	ug/l		10/8/04	LEF	
Chiorobenzeneug/l108/04LEFChioroethaneug/l108/04LEFChioronethaneug/l108/04LEFDibromochhoronethaneug/l108/04LEF1.2-Dibromo-3-chloroprepaneug/l108/04LEF1.2-Dibromochane(EDB)ug/l108/04LEF1.2-Dibromochane(EDB)ug/l108/04LEF1.2-Dibromochane(EDB)ug/l108/04LEF1.2-Dichlorobenzeneug/l108/04LEF1.3-Dichlorobenzeneug/l108/04LEF1.3-Dichlorobenzeneug/l108/04LEF1.3-Dichlorobenzeneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF1.3-Dichlorochaneug/l108/04LEF <t< td=""><td>Carbon tetrachloride</td><td><1</td><td>ug/1</td><td></td><td>10/8/04</td><td>LEF</td></t<>	Carbon tetrachloride	<1	ug/1		10/8/04	LEF	
Chloroethane ug/l 10/804 LEF Chloromethane ug/l 10/804 LEF Dibromochloromethane ug/l 10/804 LEF 1.2-Dibromochlaromethane ug/l 10/804 LEF 1.2-Dibromochlaromethane ug/l 10/804 LEF 1.2-Dibromoethane(DDB) ug/l 10/804 LEF 1.2-Dibromoethane(DDB) ug/l 10/804 LEF 1.4-Dichlorobenzene ug/l 10/804 LEF 1.4-Dichlorobenzene ug/l 10/804 LEF 1.1-Dichloroethane	Chlorobenzene	<1	ug/1		10/8/04	LEF	
Chloromethane I ug/l 10/80/4 LEF Chloroform I ug/l 10/80/4 LEF Dibromochhone I ug/l 10/80/4 LEF 1,2-bibromo-3-chloropropane I ug/l 10/80/4 LEF 1,2-bibromochhane(EDB) I ug/l 10/80/4 LEF Dibromochhane(EDB) I ug/l 10/80/4 LEF 1,2-bichlorobenzene I ug/l 10/80/4 LEF 1,1-bichlorobenzene I ug/l 10/80/4 LEF 1,1-bichlorobenzene I ug/l 10/80/4 LEF 1,1-bichloroethane I ug/l 10/80/4 LEF 1,1-bichloroethane I ug/l 10/80/4 LEF 1,1-bichloroethane I ug/l 10/80/4 LEF 1,1-bichloroethene I ug/l 10/80/4 LEF 1,1-bichloroethene I ug/l 10/80/4 LEF 1,1-bichloroethene I	Chloroethane	<1	ug/1		10/8/04	LEF	
Chloroformug/l10904LEFDibromochloromsthaneug/l10804LEF1.2.bibromosthaneryropaneug/l10804LEF1.2.bibromosthane(EDB)ug/l10804LEF1.2.bibromoethaneug/l10804LEF1.1.biblorobazzneug/l10804LEF1.1.biblorobazzneug/l10804LEF1.1.biblorobazzneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.biblorothaneug/l10804LEF1.1.bibloropropaneug/l10804LEF1.1.bibloropropaneug/l10804LEF1.1.bibloropropaneug/l10804LEF1.1.bibloropropaneug/l10804LEF1.1.bibloropropaneug/l10804LEF1.1.bibloropropaneug/l10804LEF1.1.bibloropropane<	Chloromethane	<1	ug/1		10/8/04	LEF	
Dibromochloromethaneug/l108/04LEF1.2-Dibromo-schloropropaneug/l108/04LEF1.2-Dichoromochane(EDB)ug/l108/04LEFDibromonethaneug/l108/04LEF1.2-Dichlorobenzeneug/l108/04LEF1.4-Dichloro-2-buteneug/l108/04LEF1.1-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.2-Dichloroethaneug/l108/04LEF1.1-Dichoroethaneug/l108/04<	Chloroform	<1	ug/1		10/8/04	LEF	
1.2.Dibromos-3-chilorapropane I ugh 108/04 LEF 1.2.Dibromosthane(EDB) I ugh 108/04 LEF Dibromomethane I ugh 108/04 LEF 1.2.Dichlorobenzene I ugh 108/04 LEF 1.4.Dichlorobenzene I ugh 108/04 LEF 1.1.Dichlorobenzene I ugh 108/04 LEF 1.1.Dichlorochane I ugh 108/04 LEF 1.1.Dichlorochane I ugh 108/04 LEF 1.2.Dichlorochene I ugh 108/04 LEF 1.3.Dichlorochene I ugh 108/04 LEF 1.2.Dichlorochene I ugh 108/04 LEF 1.2.Dichloropropane I ugh 108/04 LEF 1.3.Dichloropropane I ugh 108/04 LEF 1.3.Dichloropropane I ugh 108/04 LEF 1.4.1.2.Terxanoe I <t< td=""><td>Dibromochloromethane</td><td><1</td><td>ug/1</td><td></td><td>10/8/04</td><td>LEF</td></t<>	Dibromochloromethane	<1	ug/1		10/8/04	LEF	
12-Difference 10/2 10/2/0 10/2/0 10/2/0 12-Difference 1 ug/1 10/8/04 LEF 13-Difference 1 ug/1 10/8/04 LEF 1.4-Difference 2 ug/1 10/8/04 LEF 1.4-Difference 2 ug/1 10/8/04 LEF 1.1-Difference 2 ug/1 10/8/04 LEF 1.2-Difference 2 ug/1 10/8/04	1.2-Dibromo-3-chloropropane	<1	ug/1		10/8/04	LEF	
Dibromomethane isple 10%1 10%2 Dibromomethane isple 10%204 LEF 1,2-Dichlorobenzene isple 10%04 LEF 1,4-Dichloro-2-buttee isple ug/1 10%04 LEF 1,1-Dichloro-2-buttee isple ug/1 10%04 LEF 1,1-Dichloroethane isple ug/1 10%04 LEF 1,1-Dichloroethane isple ug/1 10%04 LEF isitoroethane isple ug/1 10%04 LEF isitoroorpopene ug/1 <t< td=""><td>1.2-Dibromoethane(EDB)</td><td><1</td><td>ug/1</td><td></td><td>10/8/04</td><td>LEF</td></t<>	1.2-Dibromoethane(EDB)	<1	ug/1		10/8/04	LEF	
Lindian Lindian <thlindian< th=""> <thlindian< th=""> <thl< td=""><td>Dibromomethane</td><td><1</td><td>ug/l</td><td></td><td>10/8/04</td><td>LEF</td></thl<></thlindian<></thlindian<>	Dibromomethane	<1	ug/l		10/8/04	LEF	
In Driving In Sec. In Sec. In Sec. International sec. 14 Dichlorobezzee 3 ug/1 10/8/04 LEF 1,1-Dichloroethane 3 ug/1 10/8/04 LEF 1,2-Dichloroethane 3 ug/1 10/8/04 LEF 1,1-Dichloroethane 3 ug/1 10/8/04 LEF 1,2-Dichloroethane 3 ug/1 10/8/04 LEF cis-1,2-Dichloroethene 3 ug/1 10/8/04 LEF 1,2-Dichloropropane 3 ug/1 10/8/04 LEF cis-1,3-Dichloropropene 4 ug/1 10/8/04 LEF trans-1,3-Dichloropropene 4 ug/1 10/8/04 LEF </td <td>1.2-Dichlorobenzene</td> <td><1</td> <td>ug/1</td> <td></td> <td>10/8/04</td> <td>LEF</td>	1.2-Dichlorobenzene	<1	ug/1		10/8/04	LEF	
h. D. Markan, J. J. Og. 100804 LEF 1,1-Dichloro-2-butne <	1 4-Dichlorobenzene	<1	ug/1		10/8/04	LEF	
i1.Dickloroethane i2 i2 1008/04 LEF 1,2.Dickloroethane i2 i2/1 1008/04 LEF 1,2.Dickloroethane i2 i2/1 1008/04 LEF cis1,2.Dickloroethene i2 i2/1 1008/04 LEF cis1,2.Dickloroethene i2/1 1008/04 LEF trans-1,2.Dickloroethene i2/1 1008/04 LEF cis1,2.Dickloroethene i2/1 1008/04 LEF cis1,3.Dickloroethene i2/1 1008/04 LEF cis1,3.Dickloroethene i2/1 1008/04 LEF trans-1,3.Dickloroethene i2/1 1008/04 LEF trans-1,3.Dickloroethene i2/1 10/8/04 LEF trans-1,3.Dickloroethene i2/1 10/8/04 LEF cis1,3.Dickloroethene i2/1 10/8/04 LEF trans-1,2.Dickloroethene i2/1 10/8/04 LEF trans-1,2.Dickloroethene i2/1 10/8/04 LEF trans-1,2.Dickloroethene i2/1 10/8/04 LEF trans-1,2.Dickloroethene i2/1 </td <td>trans-1 4-Dichloro-2-butene</td> <td><5</td> <td>ug/1</td> <td></td> <td>10/8/04</td> <td>LEI</td>	trans-1 4-Dichloro-2-butene	<5	ug/1		10/8/04	LEI	
1,2 Dicklorowithanc 1 100004 LEF 1,2 Dicklorowithanc 1 100004 LEF 1,1 Dicklorowithanc 1 100004 LEF 1,1 Dicklorowithanc 1 100004 LEF 1,2 Dicklorowithanc 1 100000 LEF 1,2 Dicklorowithanc 1 1000000 LEF 1,2 Dicklorowithanc 1 100000000000 LEF 1,2 Dicklorowithanc 1 1000000000000000000000000000000000000	1 1-Dichloroethane	<1	ug/1		10/8/04	LEI	
1.1-Dickboroethene 4 ug/1 10/8/04 LEF cis-1,2-Dichloroethene 4 ug/1 10/8/04 LEF trans-1,2-Dichloroethene 4 ug/1 10/8/04 LEF t,2-Dichloroethene 4 ug/1 10/8/04 LEF t,2-Dichloropropane 4 ug/1 10/8/04 LEF cis-1,3-Dichloropropene 4 ug/1 10/8/04 LEF trans-1,3-Dichloropropene 4 ug/1 10/8/04 LEF Ethyl benzene <1	1.2-Dichloroethane		ug/i		10/8/04	LEI	
1,1-Dichlorobethene ug/l 10%04 LEF trans-1,2-Dichlorobethene ug/l 10%04 LEF 1,2-Dichloroptopane ug/l 10%04 LEF trans-1,3-Dichloroptopene ug/l 10%04 LEF trans-1,3-Dichloroptopene ug/l 10%04 LEF trans-1,3-Dichloroptopene ug/l 10%04 LEF Ethyl bezzen ug/l 10%04 LEF 2-Hexanone ug/l 10%04 LEF 10domethane (Methyl iodide) ug/l 10%04 LEF 4-Methyl-2-pentanone (MIBK) ug/l 10%04 LEF 5tyrene ug/l 10%04 LEF 1,1,2-Tetrachloroethane ug/l 10%04 LEF 1,1,2-Tetrachloroethane ug/l 10%04 LEF 1,1,1,2-Tetrachloroethane ug/l 10%04 LEF 1,1,1,2-Tetrachloroethane ug/l 10%04 LEF 1	1.1. Dichloroethene	<1	ug/1		10/8/04	LEF	
Iter Iter Iter Iter Iter Iter Iter 1.2-Dichloroethene	ris 1.2-Dichloroethene	<1	ug/l		10/8/04	LEF	
1.2-Dichloropropane <1	trans 1.2-Dichloroethono		ug/i		10/8/04	LEF	
12-Diction opropene 1 10/8/04 LEF cis-1,3-Dichloropropene 1 ug/1 10/8/04 LEF Ethyl benzene 1 ug/1 10/8/04 LEF Idomethane (Methyl iodide) 10 ug/1 10/8/04 LEF Idomethane (Methyl iodide) <5	1 2 Dichloropropano	<1	ug/1		10/8/04	LEF	
Corr, S-Dichloropropene - ug/l 10/8/04 LEF Ethyl benzene - ug/l 10/8/04 LEF 2-Hexanone - ug/l 10/8/04 LEF Idomethane (Methyl iodide) - ug/l 10/8/04 LEF Idomethane (Methyl iodide) - ug/l 10/8/04 LEF Methylene chloride - ug/l 10/8/04 LEF Methylene chloride - ug/l 10/8/04 LEF 4-Methyl-2-pentanone (MIBK) - ug/l 10/8/04 LEF 1,1,2.7 Tetrachloroethane - ug/l 10/8/04 LEF 1,1,2.7 Tetrachloroethane - ug/l 10/8/04 LEF Tetrachloroethane - ug/l 10/8/04 LEF 1,1,2.7 Tetrachloroethane - ug/l 10/8/04 LEF 1,1,2.7 Trichloroethane - ug/l 10/8/04 LEF 1,1,2.7 Trichloroethane - ug/l 10/8/04 LEF	ris 1.2 Dichleropropene	<1	ug/l		10/8/04	LEF	
trans-1.5-Diction opin opine <1	trans 1.3 Dichloropropene		ug/l		10/8/04	LEF	
Lifty Definition 1 10/8/04 LEF 2-Hexanone 10/8/04 LEF Iodomethane (Methyl iodide) 5 ug/l 10/8/04 LEF Methylene chloride 1 ug/l 10/8/04 LEF 4-Methyl-2-pentanone (MIBK) 10 ug/l 10/8/04 LEF 5tyrene 1 ug/l 10/8/04 LEF 1,1,2-Tetrachloroethane 1 ug/l 10/8/04 LEF 1,1,2,2-Tetrachloroethane 1 ug/l 10/8/04 LEF Toluene 1 ug/l 10/8/04 LEF 1,1,2-Trichloroethane 1 ug/l 10/8/04 LEF 1,1,1-Trichloroethane 1 ug/l 10/8/04 LEF 1,1,2-Trichloroethane 1 ug/l 10/8/04 LEF 1,1,2-Trichloroethane 1 ug/l 10/8/04 LEF 1,2,3-Trichloroethane 1 ug/l 10/8/04 LEF 1,2,3-Trichloropropane 1 ug/l 10/8/04 LEF Vinyl acetate 5 ug/l 10/8/04<	Fthyl henzene		ug/1		10/8/04	LEF	
Price anome 100 mg/l 100 mg/l 100 mg/l 100 mg/l Iodomethane (Methyl iodide) <5		<10	ug/l		10/8/04	LEF	
Notifylene chloride 10/8/04 LEF Methylene chloride 10/8/04 LEF 4-Methyl-2-pentanone (MIBK) 10/8/04 LEF Styrene 10/8/04 LEF 1,1,2-Tetrachloroethane 10/8/04 LEF 1,1,2-Trichloroethane 10/8/04 LEF 1,1,2-Trichloroethane 10/8/04 LEF 1,1,2-Trichloroethane 10/8/04 LEF 1,1,2-Trichloroethane 10/8/04 LEF 1,2,3-Trichloropopane 10/8/04 LEF Vinyl acetate 0/2 10/8/04 LEF Vinyl chloride 10/8/04 LEF Surrogate (1,2-DCA-d4) 99 %R 10/8/04 LEF Surogate (4-BFB) 10/2 %R<	Indomethane (Methyl indide)	<10	ug/1		10/8/04	LEF	
Arktyrie Culoritie 1 ug/l 10/8/04 LEF 4-Methyl-2-pentanone (MIBK) 10 ug/l 10/8/04 LEF Styrene 1 ug/l 10/8/04 LEF 1,1,1,2-Tetrachloroethane 1 ug/l 10/8/04 LEF 1,1,2,2-Tetrachloroethane 1 ug/l 10/8/04 LEF Tetrachloroethane 1 ug/l 10/8/04 LEF Toluene 1 ug/l 10/8/04 LEF 1,1,2-Trichloroethane 1 ug/l 10/8/04 LEF Trichlorofluoromethane (Freon 11) 1 ug/l 10/8/04 LEF 1,2,3-Trichloropropane 1 ug/l 10/8/04 LEF Vinyl chloride <1	Methylene chloride		ug/1		10/8/04	LEF	
	4 Methyl-2-pontenone (MIRK)	<10	ug/I		10/8/04	LEF	
styret <1	sturane	<10	ug/i		10/8/04	LEF	
1,1,2,2-Tetrachloroethane <1	1 1 1 2-Tetrachloroethane	<1	ug/1		10/8/04	LEF	
1,1,2,2-1 etra activity certifiate <1	1 1 2 2-Tetrachloroethane	<1	ug/1		10/8/04	LEF	
Toluene <1	Tetrachloroethene		ug/1		10/8/04	LEF	
1,1,1-Trichloroethane <1	Toluene		ug/1		10/8/04	LEF	
1,1,2-Trichloroethane <1	1 1 1-Trichloroethane		ug/1		10/8/04	LEF	
1,1,2-1110000000000000000000000000000000	1 1 2-Trichloroethane		ug/1		10/8/04	LEF	
Trichlorofluoromethane (Freon 11) <1	Trichloroothono		ug/1		10/8/04		
Intention of the final e (Fredit II) <1	Trichlorofluoromethone (Freen 11)	<1	ug/l		10/8/04	LEF	
Vinyl acetate <1	1 2 3 Trichloropropage	<1	ug/l		10/8/04		
Vinyl chloride <5 ug/l 10/8/04 LEF Vinyl chloride <1 ug/l 10/8/04 LEF Xylenes (Total) <1 ug/l 10/8/04 LEF Surrogate (1,2-DCA-d4) 99 %R 10/8/04 LEF Surrogate (Tol-d8) 97 %R 10/8/04 LEF Surrogate (4-BFB) 102 %R 10/8/04 LEF	Vinul acetato		ug/I		10/8/04		
Viny chloride <1 ug/l 10/8/04 LEF Xylenes (Total) <1 ug/l 10/8/04 LEF Surrogate (1,2-DCA-d4) 99 %R 10/8/04 LEF Surrogate (Tol-d8) 97 %R 10/8/04 LEF Surrogate (4-BFB) 102 %R 10/8/04 LEF	vinyi acetate	\$	ug/i		10/8/04	LEF	
Ayrenes (1 of al) <1 ug/l 10/8/04 LEF Surrogate (1.2-DCA-d4) 99 %R 10/8/04 LEF Surrogate (Tol-d8) 97 %R 10/8/04 LEF Surrogate (4-BFB) 102 %R 10/8/04 LEF		<	ug/i		10/8/04	LEF	
Surrogate (1,2-DCA-04) 99 %R 10/8/04 LEF Surrogate (Tol-d8) 97 %R 10/8/04 LEF Surrogate (4-BFB) 102 %R 10/8/04 LEF	Aylenes (10tal)	<1	ug/l		10/8/04	LEF	
Surrogate (101-d8) 97 %R 10/8/04 LEF Surrogate (4-BFB) 102 %R 10/8/04 LEF	Surrogate (1,2-DCA-d4)	99	%R		10/8/04	LEF	
Surrogate (4-вкв) 102 %R 10/8/04 LEF	Surrogate (101-d8)	97	%R		10/8/04	LEF	
	Surrogate (4-BFB)	102	%R		10/8/04	LEF	

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Date Printed: 11/1/04

LSL Sample ID:

0417149-007

Delaware Engineering Albany, NY

Sampled By: EF

Sample ID: Location: Sampled: Sample Matriz

MW-4S

09/28/04 15:15

Sample Matrix: NPW **Analytical Method** Prep Analysis Analyst Analvte Date Date & Time Initials Result Units (1) EPA Method 300.0 A Bromide <0.1 mg/l 9/29/04 RAF Chloride 7.4 9/29/04 RAF mg/l Nitrate as N <0.1 9/29/04 22:14 RAF mg/l Sulfate 9/29/04 20 RAF mg/l (1) HACH 8000 COD Chemical Oxygen Demand 10/1/04 JN 120 mg/l (5) SM 18 2320B, Alkalinity as CaCO3 Alkalinity 60 10/12/04 DSW mg/l (1) SM 18 3500Cr-D Hexavalent Chromium Chromium, Hexavalent 9/29/04 < 0.01 JN mg/l (1) SM 19 5310C TOC **Total Organic Carbon** 10/5/04 10/5/04 DWK/K 40 mg/l BB (1) SM18-2540C Total Dissolved Solids Total Dissolved Solids @ 180 C 190 mg/l 10/4/04 MM

Delaware Engineering Albany, NY

Sa	mple ID:	MW-10				LSL Sample ID:	0417149-0)08
Lo	ocation:							
Sampled: 09/28/04 15:40 Sampled By: FF								
Sa	mplea. Matrix:	NDW	Sumplea DJ DI					
<u>- 5a</u>		<u></u>						Analyzat
Aı	nalytical Metho	bd		Decult	Unito	Prep	Analysis Data & Time	Analyst
	Analyte	1		_Kesuit				
(1)	EPA 110.2, C	olor					0/00/04	DI
	Apparent (Color		950	Units		9/29/04	JN
(1)	EPA 200.7 To	otal Hardness as CaCO3						
	Hardness, '	Total		480	mg/l		10/5/04	TER
(1)	EPA 245.1To	tal Mercury						
	Mercury			< 0.0002	mg/l		10/13/04	TER
(1)	EPA 335.2 To	otal Cvanide						
	Cvanide, T	otal		< 0.01	mg/l	10/6/04	10/6/04	ЛN
$\langle 1 \rangle$	EDA 250 1 A.	nmonia			•			
(1)	Ammonia a	ninoma N		160	ma/l		10/11/04	DRB
	Ammonia			100	mg/1		10/11/04	DIG
(1)	EPA 351.2 TK	(N as N						500
	Total Kjeld	lahl Nitrogen		260	mg/l	10/8/04	10/11/04	DRB
(1)	EPA 405.1 BC	DD-5						
	Biochemica	l Oxygen Demand, 5 Day		31	mg/l		9/29/04 15:00	MM
(1)	EPA 420.1 Re	coverable Phenolics MI						
	Phenolics, 7	Fotal Recoverable		0.020	mg/l	10/11/04	10/12/04	JN
(1)	EPA 6010 Tot	al Metals						
. ,	Beron			1.7	mg/l		10/5/04	TER
	Potassium			320	mg/l		10/5/04	TER
	Iron			49	mg/l		10/5/04	TER
	Manganese			1.6	mg/l		10/5/04	TER
	Magnesium	I		53	mg/l		10/5/04	TER
	Lead			< 0.01	mg/l		10/5/04	TER
	Cadmium			< 0.01	mg/l		10/5/04	TER
	Aluminum			0.28	mg/l		10/5/04	TER
	Antimony			0.012	mg/l		10/5/04	TER
	Arsenic	~		0.022	mg/1		10/5/04	TER
	Beryllium			< 0.01	mg/l		10/5/04	TER
	Barium			0.25	mg/l		10/5/04	TER
	Sodium			230	mg/l		10/5/04	TER
	Chromium			< 0.01	mg/l		10/5/04	TER
	Copper			< 0.01	mg/l		10/5/04	TER
	Nickel			0.024	mg/l		10/5/04	TER
	Selenium			< 0.01	mg/l		10/5/04	TER
	Thallium			<0.01	mg/l		10/5/04	TER
	Zinc			0.099	mg/l		10/5/04	TER
	Cobalt			< 0.01	mg/l		10/5/04	TER
	Vanadium			0.013	mg/l		10/5/04	TER
(1)	EPA 8260B TO	CL Volatiles (Modified	List)					
. ,	Acetone			<10	ug/l		10/8/04	LEF
	Acrylonitril	e		<5	ug/l		10/8/04	LEF
	Benzene			5.0	ug/l		10/8/04	LEF

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Date Printed: 11/1/04

Delaware Engineering Albany, NY

LSL Sample ID:

0417149-008

Location:

Sampled:

Sample ID:

09/28/04 15:40 Sampled By: EF

Sample Matrix: NPW

MW-10

Analytical Method			Prep	Analysis	Analyst
Analyte	Result	Units	Date	Date & Time	Initials
(1) EPA 8260B TCL Volatiles (Modified List)					
Bromochloromethane	<1	ug/l		10/8/04	LEF
Bromodichloromethane	<1	ug/l		10/8/04	LEF
Bromoform	<1	ug/l		10/8/04	LEF
Bromomethane	<1	ug/l		10/8/04	LEF
2-Butanone (MEK)	<10	ug/l		10/8/04	LEF
Carbon disulfide	<1	ug/l		10/8/04	LEF
Carbon tetrachloride	<1	ug/i		10/8/04	LEF
Chlorobenzene	4.1	ug/l		10/8/04	LEF
Chloroethane	22	ug/l		10/8/04	LEF
Chloromethane	<1	ug/l		10/8/04	LEF
Chloroform	<1	ug/l		10/8/04	LEF
Dibromochloromethane	<1	ug/l		10/8/04	LEF
1,2-Dibromo-3-chloropropane	<1	ug/l		10/8/04	LEF
1,2-Dibromoethane(EDB)	<1	ug/l		10/8/04	LEF
Dibromomethane	<1	ug/l		10/8/04	LEF
1,2-Dichlorobenzene	<1	ug/l		10/8/04	LEF
1,4-Dichlorobenzene	3.7	ug/l		10/8/04	LEF
trans-1,4-Dichloro-2-butene	<5	ug/l		10/8/04	LEF
1,1-Dichloroethane	<1	ug/l		10/8/04	LEF
1,2-Dichloroethane	<1	ug/l		10/8/04	LEF
1,1-Dichloroethene	<1	ug/l		10/8/04	LEF
cis-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
trans-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF
1,2-Dichloropropane	<1	ug/l		10/8/04	LEF
cis-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
trans-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF
Ethyl benzene	<1	ug/l		10/8/04	LEF
2-Hexanone	<10	ug/l		10/8/04	LEF
Iodomethane (Methyl iodide)	<5	ug/l		10/8/04	LEF
Methylene chloride	<1	ug/l		10/8/04	LEF
4-Methyl-2-pentanone (MIBK)	<10	ug/l		10/8/04	LEF
Styrene	<1	ug/l		10/8/04	LEF
1,1,1,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
1,1,2,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF
Tetrachloroethene	<1	ug/l		10/8/04	LEF
Toluene	<1	ug/l		.10/8/04	LEF
1,1,1-Trichloroethane	<1	ug/l		10/8/04	LEF
1,1,2-Trichloroethane	<1	ug/l		10/8/04	LEF
Trichloroethene	<1	ug/l		10/8/04	LEF
Trichlorofluoromethane (Freon 11)	<1	ug/l		10/8/04	LEF
1,2,3-Trichloropropane	<1	ug/l		10/8/04	LEF
Vinyl acetate	<5	ug/l		10/8/04	LEF
Vinyl chloride	<1	ug/l		10/8/04	LEF
Xylenes (Total)	63	ug/l		10/8/04	LEF
Surrogate (1,2-DCA-d4)	97	%R		10/8/04	LEF
Surrogate (Tol-d8)	96	%R		10/8/04	LEF
Surrogate (4-BFB)	103	%R		10/8/04	LEF

Life Science Laboratories, Inc.

Date Printed:
Delaware Engineering Albany, NY

Sample ID:	MW-10				LSL Sample ID:	04	17149-0	08
Location:								
Sampled:	09/28/04 15:40	Sampled By: EF						
Sample Matrix	: NPW	-						
Analytical Met	hod				Prep	Analys	sis	Analyst
Analyte	e	R	lesult_	Units	Date	Date & 7	ſime	Initials
(1) EPA 8260B	TCL Volatiles (Modif	fied List)						
This sample was als	so found to contain approxi	mately 290 ug/l of Isopropylben	zene.					
(1) EPA Method	d 300.0 A							
Bromide			2.5	mg/l		9/29/04		RAF
Chloride			280	mg/ł		10/1/04		RAF
Nitrate a	s N		0.20	mg/l		9/29/04	22:32	RAF
Sulfate			2.1	mg/l		9/29/04		RAF
(1) HACH 8000	COD							
Chemical	Oxygen Demand		290	mg/l		10/1/04		JN
(5) SM 18 2320	B, Alkalinity as CaCO	3						
Alkalinity	y		1900	mg/l		10/12/04		DSW
(1) SM 18 3500	Cr-D Hexavalent Chro	mium						
Chromiu	m, Hexavalent		< 0.01	mg/l		9/29/04		JN
(1) SM 19 5310	C TOC							
Total Org	ganic Carbon		75	mg/l	10/5/04	10/5/04		DWK/K BB
(1) SM18-25400	C Total Dissolved Soli	ds						
Total Dis	solved Solids @ 180 C		1700	mg/l		10/4/04		MM

Delaware Engineering Albany, NY

Sa	mple ID:	MW-5S				LSL Sample ID:	0417149-0)09
L	ocation:					-		
S	mpled:	09/28/04 16:20	Sampled By: FF					
50		09/28/04 10.20	Sampled by. Er					
52	imple Matrix:	NPW						
A	nalytical Meth	od				Prep	Analysis	Analyst
=	Analyte			Result	Units	Date	Date & Time	Initials
(1)	EPA 110.2, C	Color						
	Apparent	Color		450	Units		9/29/04	JN
(1)	EPA 200.7 T	otal Hardness as CaCO	03					
	Hardness,	Total		52	mg/l		10/5/04	TER
<i>(</i>)	EPA 245 1To	otal Mercury						
	Mercury	i in the formation of the second s		< 0.0002	mg/l		10/13/04	TER
	EDA 225.2 T			0.0002	<u>.</u> ,			
(1)	EPA 335.2 10	otal Cyanide		-0.01	. /1	10/6/04	10/6/04	DI
	Cyanide, T	lotal		<0.01	mg/l	10/6/04	10/6/04	JN
(1)	EPA 350.1 A	mmonia						
	Ammonia	as N		< 0.03	mg/l		10/11/04	DRB
(1)	EPA 351.2 TI	KN as N						
	Total Kjel	dahl Nitrogen		0.20	mg/l	10/8/04	10/11/04	DRB
a	FPA 405 1 B	0D-5						
(-)	Biochemic	al Oxygen Demand 5 Day	,	<4	mg/l		9/29/04 15:00	ММ
		11 Dian l'and	A KT				5125101 15.00	110.1
(1)	EPA 420.1 Ke	ecoverable Phenolics	ML	0.0000		10/11/04	10/10/04	DI
	Phenolics,	Total Recoverable		0.0039	mg/l	10/11/04	10/12/04	JN
(1)	EPA 6010 To	tal Metals						
	Boron			0.014	mg/l		10/5/04	TER
	Potassium			2.4	mg/l		10/5/04	TER
		The result of the calibration of	n check sample associated w whome may be biased high	with this an	alysis was	greater than the established	l control limit. Therefo	re, the
	Iron	unutyticut result reporteu u	oove may be blused high.	4.7	mg/l		10/5/04	TER
	Manganese	e		0.34	mg/l		10/5/04	TER
	Magnesiun	n		2.9	mg/l		10/5/04	TER
	Lead			< 0.01	mg/l		10/5/04	TER
	Cadmium			< 0.01	mg/l		10/5/04	TER
	Aluminum			0.44	mg/l		10/5/04	TER
	Calcium			16	mg/l		10/5/04	TER
	Antimony			< 0.01	mg/l		10/5/04	TER
	Arsenic			0.013	mg/l		10/5/04	TER
	Beryllium			< 0.01	mg/l		10/5/04	TER
	Barium			<0.2	mg/l		10/5/04	TER
	Sodium			<1	mg/l		10/5/04	TER
	Copper			<0.01	mg/l		10/5/04	TER
	Nickel			< 0.01	mg/l		10/5/04	TER
	Selenium			< 0.01	mg/l		10/5/04	TER
	Silver			< 0.01	mg/l		10/5/04	TER
	Thallium			< 0.01	mg/l		10/5/04	TER
	Zinc			0.017	mg/l		10/5/04	TER
	Cobalt			< 0.01	mg/l		10/5/04	TER
	Vanadium			< 0.01	mg/l		10/5/04	TER
(1)	EPA 8260B T	CL Volatiles (Modifie	ed List)					
,	Acetone			<10	11 9 /)		10/8/04	I FF
	a rectoric			-10			10/0/07	1-1-1

Life Science Laboratories, Inc.

Date Printed: 11/1/04

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes

LSL Sample ID:

0417149-009

Delaware Engineering Albany, NY

Sample ID:

Location:

Sampled:

.

MW-5S

09/28/04 16:20

Sampled By: EF

Sample Matrix: NPW

Ar	alytical Method			Prep	Analysis	Analyst	
_	Analyte	Result	U <u>nits</u>	Date	Date & Time	<u>Initials</u>	
$\overline{(1)}$	EPA 8260B TCL Volatiles (Modified List)						
	Acrylonitrile	<5	ug/l		10/8/04	LEF	
	Benzene	<1	ug/l		10/8/04	LEF	
	Bromochloromethane	<1	ug/l		10/8/04	LEF	
	Bromodichloromethane	<1	ug/l		10/8/04	LEF	
	Bromoform	<1	ug/l		10/8/04	LEF	
	Bromomethane	<1	ug/l		10/8/04	LEF	
	2-Butanone (MEK)	<10	ug/l		10/8/04	LEF	
	Carbon disulfide	<1	ug/l		10/8/04	LEF	
	Carbon tetrachloride	<1	ug/l		10/8/04	LEF	
	Chlorobenzene	<1	ug/l		10/8/04	LEF	
	Chloroethane	<1	ug/l		10/8/04	LEF	
	Chloromethane	<1	ug/l		10/8/04	LEF	
	Chloroform	<1	ug/l		10/8/04	LEF	
	Dibromochloromethane	<1	ug/l		10/8/04	LEF	
	1,2-Dibromo-3-chloropropane	<1	ug/l		10/8/04	LEF	
	1,2-Dibromoethane(EDB)	<1	ug/l		10/8/04	LEF	
	Dibromomethane	<1	ug/l		10/8/04	LEF	
	1,2-Dichlorobenzene	<1	ug/1		10/8/04	LEF	
	1,4-Dichlorobenzene	<1	ug/l		10/8/04	LEF	
	trans-1,4-Dichloro-2-butene	<5	ug/l		10/8/04	LEF	
	1,1-Dichloroethane	<1	ug/l		10/8/04	LEF	
	1,2-Dichloroethane	<1	ug/l		10/8/04	LEF	
	1,1-Dichloroethene	<1	ug/l		10/8/04	LEF	
	cis-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF	
	trans-1,2-Dichloroethene	<1	ug/l		10/8/04	LEF	
	1,2-Dichloropropane	<1	ug/l		10/8/04	LEF	
	cis-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF	
	trans-1,3-Dichloropropene	<1	ug/l		10/8/04	LEF	
	Ethyl benzene	<1	ug/l		10/8/04	LEF	
	2-Hexanone	<10	ug/l		10/8/04	LEF	
	Iodomethane (Methyl iodide)	<5	ug/l		10/8/04	LEF	
	Methylene chloride	<1	ug/l		10/8/04	LEF	
	4-Methyl-2-pentanone (MIBK)	<10	ug/l		10/8/04	LEF	
	Styrene	<1	ug/l		10/8/04	LEF	
	1,1,1,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF	
	1,1,2,2-Tetrachloroethane	<1	ug/l		10/8/04	LEF	
	Tetrachloroethene	<1	ug/l		10/8/04	LEF	
	Toluene	<1	ug/l		10/8/04	LEF	
	1,1,1-Trichloroethane	<1	ug/l		10/8/04	LEF	
	1,1,2-Trichloroethane	<1	ug/l		10/8/04	LEF	
	Trichloroethene	<1	ug/l		10/8/04	LEF	
	Trichlorofluoromethane (Freon 11)	<1	ug/l		10/8/04	LEF	
	1,2,3-Trichloropropane	<1	ug/l		10/8/04	LEF	
	Vinyl acetate	<5	ug/l		10/8/04	LEF	
	Vinyl chloride	<1	ug/l		10/8/04	LEF	
	Xylenes (Total)	<1	ug/l		10/8/04	LEF	
	Surrogate (1,2-DCA-d4)	96	%R		10/8/04	LEF	

Life Science Laboratories, Inc.

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Date Printed:

11/1/04

Analysis performed at: (1) LSL Central, (2) LSL North, (3) LSL Finger Lakes, (4) LSL Southern Tier, (5) LSL MidLakes

Delaware Engineering Albany, NY

LSL Sample ID:

0417149-009

Location: Sampled:

Sample ID:

sampled:

09/28/04 16:20 Sampled By: EF

Sample Matrix: NPW

MW-5S

\mathbf{A}	nalytical Method			Prep	Analysis	Analyst
	Analyte	Result	Units	DateDa	te & Time	Initials
(1)	EPA 8260B TCL Volatiles (Modified List)					
	Surrogate (Tol-d8)	96	%R	1	0/8/04	LEF
	Surrogate (4-BFB)	102	%R	1	0/8/04	LEF
(1)	EPA Method 300.0 A					
	Bromide	<0.1	mg/l	9	29/04	RAF
	Chloride	2.6	mg/l	9	29/04	RAF
	Nitrate as N	0.20	mg/l	9	29/04 22:50	RAF
	Sulfate	9.6	mg/l	9	29/04	RAF
(1)	HACH 8000 COD					
	Chemical Oxygen Demand	15	mg/l	l)/1/04	N
(5)	SM 18 2320B, Alkalinity as CaCO3					
	Alkalinity	38	mg/l	10	12/04	DSW
(1)	SM 18 3500Cr-D Hexavalent Chromium					
	Chromium, Hexavalent	<0.01	mg/l	9.	29/04	JN
(1)	SM 19 5310C TOC					
	Total Organic Carbon	3.6	mg/l	10/5/04 1)/5/04	DWK/K BB
(1)	SM18-2540C Total Dissolved Solids					
	Total Dissolved Solids @ 180 C	66	mg/l	10)/4/04	MM

AUGUST 2004

O & M INSPECTION CHECKLIST

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	Ρ	aq	e	1	of	2
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	*	_	· -g- ·
Date & Time: <u>8/37/67</u>	Inspector:	<u> </u>	
	Weather:		lad 59
GENERAL INSPECTION - To Be Complet	ed Monthly		
	,		Notes Problems
General Site Condition:	J		
Gates - condition and locks for inner & outer gat	es:	OK	ok
Access Road - surface/paving/snow		OK	<u>or</u>
Overall appearance (trash/litter)		OK	<u>or</u>
Pump Station at Tannery Road:	Condition:	ОК	nr.
Pump #1 Hours:	Pump #2 Hours:	0	29055
Panel/Wells on Landfill			
Manholes along road - general condition, erosion	n, overflows	OK	<u> </u>
Pump Well No's 1, 2, 3 & 4 - Well head condition	n/integrity	OK	<u> </u>
Meter Pit - open lid, check heater, leaks, etc.		OK	<u>ok</u>
Panel note conditions and any alarms: OK	NONE		
Totallizers (in meter pit)			
RW-1	RW-3	24	163800
RW-2 7885500	- RW-4	29	37700
Hour Meters	•		
RW-1 /346//	RW-3	24	3612
RW-2 131506	RW-4	19.	3583
	1		
Lanatill Cover Inspection			
Leachate seeps Any new seeps NO	If YES, describe:		
Western seep condition:	present - iro	n st	tining south at wat cate
North seep condition:			•
Gas vents - general condition		OK	· · · ·
- Unusual odors, list vents/describe.			
Flares ignited NO		OK	
Perimeter fence		OK	
Erosion/animal burrows NO	ITYES describe:		
SEME AS IN	TUL 2004		
and - wand anse - de		250	्रा में कि प्राप्त के प र प्रायुक्त कर

Date & Time:	8/24/04	Inspector:	26F	
Monitoring Wei	l Water Leve	el Data		
WELL No	Measure <u>Pt Elev.</u>	Depth to Water (ft)	Groundwater <u>Elevation (ft)</u>	Well Condition
MW - 1S	449.59	5.80		
MW - 2S	459.44	7.57		
MW - 3S	456.4	3.75		
MW - 4S	456.19	4.14		
MW - 5S	457.15	4.81		
MW - 7S	452.25	8.96		
MW - 9S	456.38	3.93		
MW - 10	486.3	35.33		
MW - 11	502.4	52.31		
MW - 12	483.11	32.98		
PZ - 1	454.37	7.37		

NOTES:

14-41 - 916	 	 	
$\frac{1}{M_{1}-1} (2)$	 	 	
MW-1A 7.57			
MW-40 4.87			,
Mh-50 4.86			

Page 2 of 2

Date:	A/34/0	04	Inspector:	éçf		
Weather:	SUNNY	750				
	1					

ANNUAL GAS VENT INSPECTION (To be completed each Fall)

Gas Vent	H₂S	Detectab	le Odors	General Vent Condition	
Number	(ppm)	Yes	No	Gole Notes/Comments	
1	0	x		14	
2	0	X		12	
3	1	X		over lim, +	
4	0	x		21	
5	6	k		2	
6	6			2 Stint odors	
7	Flar	_		lite	
8	Flare				
9	0			9	
10	Flare	_		lite	
11	Flare			off	
12	Flare				
13	Flare			-	
14	0	V		14	
15	Flare			off	
16				/	
17	0	X		LEL 34	
18	0	Ý		LE 21	
19					
20	0	X		40	
21	0	X		7/00	
22	0	K		700	
23	0	X		501	
24	E	×.		>/30	
25	0			7100	

Page 1 of 2

Date:	Inspector:
Weather:	

ANNUAL GAS VENT INSPECTION (To be completed each Fall)

Gas Vent	H ₂ S	Detectab	le Odors	General Vent Condition
Number	(ppm)	Yes	No	LEC 10 Notes/Comments
26	0		K	39
27	ρ		X	27
28	0	X		6017
29	0	X		
30	0	X		7100
31	0	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		<i>≫≫</i>
32	D	X		56
33	4	Ϋ́.		30
34	Ö	X		39
35	Ø	X		>100
36	0	¥		Wood
37	0	A State		>/90
38	0	X		7100
39	2	×		>100
40	0	X		33
41	P	X		92
42	0	Street -		High
43	0	X		76
44	0	X		44
45	0	8		90
46	0		X	29

SEPTEMBER 2004

O & M INSPECTION CHECKLIST

Page 1 of 2

Date & Time: <u>9/28/04</u>	_ Inspector: Weather:	LeF Ckudy 60° F
GENERAL INSPECTION - To Be Comple	ted Monthly	Notes Droblems
General Site Condition:	7	
Gates - condition and locks for inner & outer ga	utes:	OK OK
Access Road - surface/paving/snow		OK OF
Overall appearance (trash/litter)		ок <u>CK</u>
<i>Pump Station at Tannery Road:</i> Pump #1 Hours: ごりりう ごりううろ	Condition: Pump #2 Hours:	ок <u>OK</u>
Panel/Wells on Landfill		
Manholes along road - general condition, erosic	on, overflows	OK OK
Pump Well No's 1, 2, 3 & 4 - Well head condition	on/integrity	OK OK
Meter Pit - open lid, check heater, leaks, etc.		OK OK
Panel note conditions and any alarms: OK		NONC
Totallizers (in meter pit) BW-1 以4399のロ	B_3	2495100
BW-2 7973900		2019900
Hour Meters		
BW-1 136181	RW-3	35200P
RW-2 123158	– RW-4	201978
	-	
Landfill Cover Inspection		
Leachate seeps Any new seeps NO	If YES, describe:	
Western seep condition:		
North seep condition:		
Gas vents - general condition	cil Az -	UN CAC
- Unusual odors, list vents/describe.	JULF. de Ou	or custer and t. U
Primeter force of		un <u>lot tuere ignited</u>
		un
Erosion/animai burrows NU	IT TES, describe:	

Date & Time:	9/28/04	Inspector:	Ele F	
Monitoring We	ll Water Leve	el Data		
WELL No	Measure <u>Pt Elev.</u>	Depth to Water (ft)	Groundwater Elevation (ft)	Well Condition
MW - 1S	449.59	6.01		
MW - 2S	459.44	8.07		
MW - 3S	456.4	400		
MW - 4S	456.19	4.04		
MW - 5S	457.15	5.05		
MW - 7S	452.25	8.71		
MW - 9S	456.38	4-11		
MW - 10	486.3	34.95		
MW - 11	502.4	52.03		
MW - 12	483.11	32.67		
PZ - 1	454.37	7.40		

NOTES:

Adverted C F 2	 	
MW-LL 6.53	 	
Mh = 4/ 4,69	 	
MU-50 5-13		
MW-75 9-09		
· · · · · · · · · · · · · · · · · · ·		

Page 2 of 2

OCTOBER 2004

O & M INSPECTION CHECKLIST

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	Ρ	aqe	e 1	of	2
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Conoral Site Condition	_		Notes Problems
General Site Condition.		OK	VDV
Access Road - surface/naving/snow	lies.	OK	V OK
Overall appearance (trash/litter)		OK	V OK
		ÖK	
Pump Station at Tannery Road:	Condition:	OK	<u>OK</u>
Pump #1 Hours:	_Pump #2 Hours:		039657
Panel/Wells on Landfill			
Manholes along road - general condition, erosic	on, overflows	ок	OK
Pump Well No's 1, 2, 3 & 4 - Well head conditio	on/integrity	OK	()K
Meter Pit - open lid, check heater, leaks, etc.		ОК	01
Panel note conditions and any alarms: OK	A	JONE	
Totallizers (in meter pit)			
RW-1 4470200	RW-3	3 c	2514300
RW-2 8036300	– RW-4	4	099000
Hour Meters	<u>-</u> .		
RW-1 134440	RW-3	3 31	7502
RW-2 134 399		+_20	7444
andfill Cover Increation	7		
Leachate seeps Any new seeps NO	IT YES, describe	:	
Western seep condition:	NOF TION	2int	
	Not tion	NIN	
Las vents - general condition	10	1 <i>P</i>	
- Onusual odors, list vehis/describe.	/00/		and inited
		OK	- Dre 151, red
		UK.	
term lear write of and	er de se	4.	
in the west of horn	er downsho	1 C DL	or repaired
erm Just weit of north	he daught	te r	epaired

is croding into adjacent wetland areq

Page 2 of 2

Date & Time:	10/21/04	Inspector:	44F	
Monitoring We	ll Water Leve	l Data		
WELL No	Measure <u>Pt Elev.</u>	Depth to Water (ft)	Groundwater <u>Elevation (ft)</u>	Well Condition
MW - 1S	449.59	6.04		DK
MW - 2S	459.44	8.71		OK
MW - 3S	456.4	3.73		OK
MW - 4S	456.19	4.07		OK
MW - 5S	457.15	5.20		De
MW - 7S	452.25	9.48		OK
MW - 9S	456.38	3.92		OK
MW - 10	486.3	25.34		- OK
MW - 11	502.4	25.23	<u> </u>	DK
MW - 12	483.11	33.02		OK
PZ - 1	454.37	7.78		OK

NOTES:

$m_{1} = 7$	<u> </u>	
MW-1D 6.61		 ·
MW-20 8.39		
$M_{N}-4\Lambda$ 4,45		
<u> </u>	<u> </u>	

NOVEMBER 2004

O & M INSPECTION CHECKLIST

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-4

Date & Time: ///30/04	Inspector: Weather:	- El Po	GF Intly Sunny
GENERAL INSPECTION - To Be Complete	ed Monthly		Notos Droblomo
General Site Condition:			Notes Problems
Gates - condition and locks for inner & outer gate	es:	ок	OK
Access Road - surface/paving/snow		ок	OK
Overall appearance (trash/litter)		ок	DIL
Dump Station at Tanpan, Dood	Condition	OK	nk
		UN	
Pump #1 Hours:	Pump #2 Hours:		0300
Panel/Wells on Landfill Manholes along road - general condition, erosion	n, overflows	ОК	ØK
Pump Well No's 1, 2, 3 & 4 - Well head condition	/integrity	OK	
Meter Pit - open lid, check heater, leaks, etc.		OK	OK
Panel note conditions and any alarms: OK		$\Delta 0$	ne
Totallizers (in meter pit)			-
RW-1 4533700	RW-3	25	65000
RW-2 2157100	RW-4	212	0000
Hour Meters			A
RW-1 74349	RW-3		,7100
RW-2 / 344 75	RW-4	2/	17080
Landfill Cover Inspection			
Leachate seeps Any new seeps NO	If YES, describe:		
Western seep condition:	not flow	ic	
North seep condition:	not How	, , , , _	
Gas vents - general condition		oĸ	OK
- Unusual odors, list vents/describe.			NONE
Flares ignited		ОК	None -isnited
Perimeter fence		ок	
Erosion/animal burrows NO	IF YES, describe:		· · · · · · · · · · · · · · · · · · ·
See October	= checkl.	$\langle T -$	<u></u>

Elt

Date & Time: 1/30/04 Inspector: Monitoring Well Water Level Data Measure Depth to Groundwater WELL No Pt Elev. Water (ft) Elevation (ft) Well Condition 4.29 OK **MW - 1S** 449.59 OK MW - 2S 459.44 6.49 0K MW - 3S 2.56 456.4 3.83 DV MW - 4S 456.19 4.29 D K MW - 5S 457.15 Ŋĸ 8.30 MW - 7S 452.25 3,70 MW - 9S 456.38 0 MW - 10 486.3 35.29 MW - 11 502.4 52.36 MW - 12 483.11 33.05 6.36 PZ - 1 454.37

NOTES:

MW-7D 8,99	
MW-10 5.56	
MW-10 6.72	
MW-40 4.52	
MW-52 4,31	

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HISTORICAL

GROUND WATER DATA TABLES

City of Rome Tannery Road Landfill Monitoring Well MW-1S Ground Water Analtyical Data

Date	03/01/99 06	5/01/99 09.	/01/99 12	/01/99 03	/90 00/10/	01/00 00/	01/00 12/0	1/00 03/01	/00 10/	/10/60 10	01 12/01/0	1 03/28/02	06/17/02	09/24/02	12/18/02	03/12/03	06/25/03	09/17/03	12/16/2003	03/23/04	06/22/04	09/28/04	NYSDEC Ground Water
Field Parameter Conductivity (umhos/cm) pH (s.u.)	31 8.64	103	398 5.37	89	39 5.85 7	. 88 88	31 2 45 5.2	3 23 27 6.1	34 8 34	62 5.89	37 6.23	75 7.7	67 6.5	190 7.42	58	376 7.5	21 4.9	180 6.24	20 6.5	24 5.22	35 5.11	44 5.3	Standard NS 6.5 - 8.5
Temperature (deg C) Turbidity (NTU)	3.2 785	13.3 925	15.2 560	5.9 140	4.2 222 1	13 1 61 5	5.3 27 19	3. 31	6 186	8.8 88	6.7 90	6 145	12.5 68	13.7 126	5.3 8	7.2 65	13 556	13.6 52	6 50	4.2 113	11.5 7 3	15 29	S S
Part 360 Leachate Indicator Parameters																							
Ammonia-Nitrogen (mg/L) Biochemical Oxveen Demand (BOD5) (ma [/] I)	<0.5 8	<0.5	2 0 0	<0.3	<0.3 <0.7	.030 <0 30 <	.030 <0.0	030 0.0	73 <0.07	0.080) <0.030	<0.030	<0.030	1.1	<0.030	0.14 8.6	<0.03	0.38	<0.03	<0.030	0.059	0.14	2 NS
Bromide (mg/L)	<0.2	<2.0	<20	<2.0	2.0	2.5 <0	.010 <0.	100 <0.1	00 <0.10	00 <0.10	0 <0.100	<0.100	<0.100	0.12	<0.100	<0.1	<0.1	<0.1	<0.1	<0.10	<0.1	<0.1	5
Chemical Oxygen Demand (mg/L)	52	100	25	14	12	5.7	96 1	9 30	26	34	14	24	45	99	9.9	<1.0	33	25	35	18	27	7.9	NS
Chloride (mg/L) Color (Pt-Co)	<1.0	31 46	28	3.7	2.3	20	3.3 30	2	9 2.4	3.8	2.5 50	2.7 20	2.7	6.4	2.6	36	3.8 8	8.2	2.5	3.4	3.3	2.5 180	250 15
Nitrate-Nitrogen (mg/L)	<0.2	<0.2	<0.2	0.4	0.3 0	.18	.1 <0.	100 0.1	5 0.15	0.16	<0.100	0.15	<0.100	0.13	0.14	<0.1	0.15	<0.1	<0.1	0.16	0.17	0.14	10
Sulfate (mg/L)	5	10	94	9.8	7.7	4.7	0.7 6.	9 6.	7 6.8	17	6.2	7	6	13	6.2	<1.0	7.9	15	6.9	7.4	8.2	7.1	250
Total Alkalinity (mg/L) Total Cvanide (mo/l)	<10.0	37 0.010	84	7.8	6	رم م	15 1. 010	2	5	12	1.9	<1.0	4	2	4	170	4 ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	37	7	<1.000	9	8	SN .
Total Dissolved Solids (mg/L)	140	140	260	39	30 1.	006	26 <4	1.0 14	1 56	190	<4.0	170	26	120	42	280	30	120	34	32	20	52	500
Total Hardness (mg/L)	19	120	136	14	23	8	16 7.	7 10	9.6	20	9.8	6.6	7.3	60	7.6	210	12	58	<۲	7.8	3.7	5.4	NS
Total Kjeldahl Nitrogen (mg/L) Total Oreanic Carbon (mg/L)	<0.5	2.4 34	1.3 7	<0.3	0.6	0.3	1.3 0. 20 5	39 0.6 5	2 0.6	2 0.6 13	0.23	0.13	0.42	1.7 26	0.25	<0.1 5 5	0.27 5.6	0.58	0.34 14	0.53	0.69 8.6	0.28 3	NS
Total Phenols (mg/L)	<0.005 <	:0.005 <	0.001	0.004)> 100'	0.002	007 0.0	03 <0.(02 <0.0	12 <0.00	2 <0.002	<0.002	0.012	0.003	<0.002	0.0046	<0.002	<0.002	0.0034	<0.002	<0.002	<0.002	0.001
Part 360 Routine Metals																							
Boron (mg/L)		<0.100				0.5 <	0.5		0.0	5.0.5 2.0.5	<0.5	<0.5	<0.5	<0.5			<0.5 2.05	<0.5	<0.5	<0.500		<0.01	
Cadmium (mg/L) Calcium (mø/I.)	<0.005 <	<0.005 <	43.2 <	<pre>4.2</pre> <	0.005 <0	010 <0 1.5	010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.010 <0.0100 <0.0100 <0.0100 <0.010 <0.0100 <0.0100 <0.0100 <0.0100 <0.01	010 <0.0	10 <0.0	10 <0.01	0 <0.010 2.2) <0.010	<0.010	<0.010	<0.010	<0.01	<0.01 3.4	<0.01	<0.01	<0.010	<0.01	<0.01	0.005 N.S
Iron (mg/L)	16.3	30.5	33.1	3.1	43	61	17 6.	. 00 . 00	8 2.6	7.8	3.2	4.5	4.7	50	7.2	5 7	2.8	8.1	2.7	2.4	2.3	1.1	0.3*
Lead (mg/L)	0.012	0.029	0.01 <	0.005 <	0.005 <0	.010 0.	011 <0.	010 <0.0	10 <0.0	10 <0.01	0 <1.0	<0.010	<0.010	0.02	<0.010	<0.01	<0.01	0.012	<0.01	<0.010	<0.01	<0.01	0.025
Magnesium (mg/L)	2.7	11.2	6.8	0.94	1.5 <	1.0	2	[].	3 1	1.5	<1.0	<1.0	<1.0	3.9	<1.0	14	<1.0	3.3 0.45	<1 <1	<1.0	7 5	<1 <1	35 (GV)
Manganese (mg/L) Potassium (mg/L)	100	5.39	2.9	0.7	3.3 <	0.1.0	0.0 cz.	1.0 C/	20:0 T	(1.0 c	<pre>> </pre>	11.0 <1.0	<0.05	0.74	0.1>	cz.u 1.2	0.00 <1.0	2.7	1cu.u >	0.049 <1.0	1.0	100.U	SN
Sodium (mg/L)	1.2	12.2	6.6	1.8	8.80	1.6	1 <u>2</u>	0	41.0	7.5	1.2	2.8	<1.0	4.9	<1.0	12	1.7	12	7 ⊽	1.1	1.2	1.2	20
Part 360 Additional Baseline Metals																							
Aluminum (mg/L)	·	32				4	25				5	8.9					3					2.1	NS 2000
Anumony (mg/L) Arsenic (mg/L)		CIU.02					710				<0.010	<0.010 <0.010					0.013					10.0>	0.025
Barium (mg/L)	-	0.431				, v	0.2				<0.2	<0.2					<0.2					<0.2	1
Beryllium (mg/L)	v	c0.003				Q	.010				<0.010	<0.010					<0.01					<0.01	0.003 (GV)
Chromium (mg/L)	-	0.047				0,	.01				<0.010	< 0.010					<0.01					<0.01	0.05
Cirrositium, nexavatem (mg/L) Cobait (mg/L)	v v	-0.010 -0.020				₹ ₹	010				<0.010	<0.010 <0.010					10.0>					<0.01	SNS
Copper (mg/L)	-	0.041				0	022				<0.010	<0.010					0.012					<0.01	0.2
Mercury (mg/L)	Ŷ	0.0002				0.0	0053				<0.000	2 0.000300	-				<0.0002					<0.0002	0.0007
Nickel (IIIgLe) Selenium (mg/L)	v	:0.005				- Q	010 010				<0.010	<pre>< 0.010</pre>					<0.0>					-0.0>	0.01
Silver (mg/L)	v	±0.010				0>	.010				<0.010	<pre>< 0.010</pre>					<0.01					<0.01	0.05
Thallium (mg/L) Viscotium (mg/L)		<0.010				9 ⊂	010				<0.010	0.010					<0.01					<0.01	0.0005 (GV) NS
Value (mg/L) Zinc (mg/L)	-	0.149					0.12 D.1				0.04	0.033					0.094					0.022	5
Part 360 Volatile Organics																							
$1,1,1,2$ -Tetrachloroethane ($\mu g/L$)		<5.0				v	5.0				≤5.0	<5.0					Ş					7	5
1,1,1-Trichloroethane ($\mu g/L$)		< <u>5.0</u>				v	5.0				€.0	<5.0 *				v) v	v) y					77	νΩ u
$1,1,2,2-1$ cu activo occutante (μg_{L}) 1 1.2-Trichloroethane (μg_{L})		220				~ ~	5.0				0.0 25 0	2 O.O				2 %	2 %					7 7	n -
1,1-Dichloroethane (ug/L)		<5.0				v	5.0				≤5.0	<5.0				o ∿	о <i>г</i> о					5 ₽	5
1,1-Dichloroethene ($\mu g/L$)		<5.0				v	5.0				<5.0	<5.0				Ŷ	5					4	ŝ
1,2,3-Trichloropropane (µg/L)		0012				,	0 2				<5.0 2.0	<0.5 25.0					\$					√ √	0.04
1,2-DI0101110-3-CH1010P10Patic (μg/L) 1.2-Dibromoethane (EDB) (μg/L)		<10.0 <5.0				~ ~	5.0				0.0 \$.0	\$.0 \$.0					0 0					7 ⊽	-0-0-
1,2-Dichlorobenzene ($\mu g/L$)		<5.0				v	5.0				<5.0	<5.0					Ŷ					4	3
1,2-Dichloroethane (ug/L)		 5.0 6 				v	5.0				\$.0 \$	0. 2 7				vy v	\$					√ √	0.6
1,2-DICRIOTOPTOPALIC (MB/L)		0.0				/					0.0>	0.0				0	Q					1,	1

City of Rome Tannery Road Landfill Monitoring Well MW-1S Ground Water Analtyical Data

NYSDEC Ground Water Standard	3	5	ю	50 (GV)	50 (GV)	NS	50 (GV)	, vo	-	5	50 (GV)	50 (GV)	, v	60 (GV)	S	ŝ	5	7	S	5	0.4**	50 (GV)	, vo	ŝ	S	5	5	S	ŝ	5	0.4**	S	S	5	NS	2	S	
09/28/04			4	<10	<10	<10	<10	Ŷ	7	7	7	4	4		7	7	4	$\overline{\nabla}$	\checkmark	4	7	7	7	7	<10	<10	4	4	4	$\overline{}$	7	<10	4	7	Ŷ	\checkmark	4	
06/22/04																																						
03/23/04																																						
12/16/2003																																						
09/17/03																																						
06/25/03			Ŷ	<10	<10	<10	<10	<20	ŝ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ş	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	ŝ	Ŷ	<10	<10	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	<10	Ŷ	Ŷ	<20	Ŷ	Ŷ	
03/12/03				<10	<10	<10	11		Ŷ		Ŷ	Ŷ	Ŷ	\$	Ŷ	ÿ	Ŷ	Ŷ	Ŷ		Ŷ	Ŷ		Ŷ		<10	\$	\$	Ŷ		Ŷ		Ŷ			Ŷ	Ŷ	Ş
12/18/02																																						
06/17/02 09/24/02																																						
03/28/02	<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	€.0	<5.0	≤5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	Ŷ	<5.0	<5.0	<5.0	<10.0	<10	<5.0	≤5.0	<20.0	<5.0	<5.0	
12/01/01	<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	≤5.0	≪5.0	<5.0	<5.0	<5.0	<5.0	<5.0	€5.0	<5.0	<20.0	<10.0	<5.0	<5.0	ŝ	≤5.0	<5.0	≤5.0	<50.0	<50	<5.0	<5.0	<20.0	<5.0	≤5.0	
10/10/60 1																																						
1 06/01/0																																						
0 03/01/0																																						
0 12/01/0																																						
0/10/60 0	<5.0	≤5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	Ŷ	<5.0	<5.0	<5.0	<50.0	<50	<5.0	<5.0	<20.0	<5.0	<5.0	
0/10/90 00/																																						

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Date	03/01/99 06/01/99	66/10/60	12/01/99	03/01
1,3-Dichlorobenzene ($\mu g/L$)	€.0			
1,4-Dichloro-2-butene (µg/L)	<10.0			
1,4-Dichlorobenzene ($\mu g/L$)	<5.0			
2-Butanone (MEK) (μg/L)	<10.0			
2-Hexanone (μg/L)	<10.0			
4-Methyl 2-pentanone (µg/L)	<10.0			
Acetone (µg/L)	<10.0			
Acrylonitrile (µg/L)	<100			
Benzene (µg/L)	<5.0			
Bromochloromethane ($\mu g/L$)	€.0			
Bromodichloromethane ($\mu g/L$)	<5.0			
Bromoform (µg/L)	<5.0			
Bromomethane ($\mu g/L$)	<5.0			
Carbon disulfide (µg/L)	<5.0			
Carbon tetrachloride ($\mu g \Lambda L$)	€5.0			
Chlorobenzene ($\mu g/L$)	<5.0			
Chloroethane ($\mu g/L$)	<5.0			
Chloroform (µg/L)	<5.0			
Chloromethane ($\mu g/L$)	<5.0			
cis-1,2-Dichloroethene (ug/L)	<5.0			
cis-1,3-Dichloropropene ($\mu g/L$)	€.0			
Dibromochloromethane (µg/L)	<5.0			
Dibromomethane ($\mu g/L$)	<5.0			
Ethyl benzene $(\mu g/L)$	<5.0			
lodomethane ($\mu g/L$)	<5.0			
Methylene Chloride ($\mu g/L$)	<5.0			
Styrene (µg/L)				
Tetrachloroethene ($\mu g/L$)	<5.0			
Toluene ($\mu g/L$)	<5.0			
trans-1,2-Dichloroethene ($\mu g/L$)	<5.0			
trans-1,3-Dichloropropene (μ g/L)	<5.0			
trans-1,4-Dichloro-2-butene (μ g/L)				
Trichloroethene (µg/L)	<5.0			
Trichlorofluoromethane ($\mu g/L$)	<5.0			
Vinyl Acetate (ug/L)	<50.0			
Vinyl Chloride (µg/L)	<5.0			
Xylenes (Total) (µg/L)	<5.0			
1,2-Dichloroethene - Total				
Notes				
1) < indicates not detected at or above the lister	d value			

> There are not become a to above the inservature
 > NS indicates that no standard has been promulgated.
 3) * indicates that the sum of these two analytes may not exceed 500 μg/L.
 4) GV indicates that the value listed is a guidance value rather than a standard.
 5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
 (6) ** Indicates standard applies to the sum of the isomers

City of Rome	annery Road Landfill	MW-35	nd Water Analytical Data
U	Tanne		Ground W

NYSDEC Ground Water Standards	NS 6.5 - 8.5 NS 5	2 NS NS NS 250	10 250 800 500 800 800 80 8 8 8 8 8 8 8 8 8	1 0.005 NS 0.3* 0.025 35 (GV) 0.3* NS 20	NS 0.003 0.025 0.025 0.05 0.05 0.05 0.05 0.007 0.11 0.11 0.11 0.11 0.01 0.007 0.007 0.007 0.01 2.01 0.005 0.05 0.005 2	5 5 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
09/28/04	841 6.57 14 86	56 16 60.1 84 3.3 750	0.15 36 36 36 350 350 100 50 26 26	0.37 <0.01 29.3 6.8 6.8 0.38 0.38 6.1	0.44 0.01 0.012 0.012 0.01 0.011 0.002 0.011 0.011 0.011 0.011 0.011 0.02	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
06/22/04	815 6.6 11.7	53 12 60.1 83 83	0.18 55 360 370 120 63 30 <0.002	 40.01 37 11 41 41<th></th><th></th>		
03/23/04	Frozen Frozen Frozen	Frozen Frozen Frozen Frozen Frozen	Frozen Frozen Frozen Frozen Frozen Frozen Frozen	Frozen Frozen Frozen Frozen Frozen Frozen Frozen		
12/16/03	1,(000 7.1 7 70	75 17 <0.1 120 4.4 0.17	52 53 370 350 350 64 64 64 64 64	 40.5 40.01 32 32 32 32 32 32 32 40.01 32 40.01 5.3 9.36 9.36 10 10 		
09/17/03	1,150 6.98 15 60	72 <4.0 <0.1 <0.1 96 10	49 490 490 190 63 35 33	0.85 <0.01 59 14 0.011 10 10 27 27		
06/25/03	1, 140 6.83 12.1 109	78 14 <0.1 5.7 5.0	0.15 94 410 410 430 120 86 86 22	 <ul< th=""><th>1.3 40.01 0.27 40.01 40.00 40.01 40.00 40.01 40.000 40.000 40.000 40.00000000</th><th>~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~</th></ul<>	1.3 40.01 0.27 40.01 40.00 40.01 40.00 40.01 40.000 40.000 40.000 40.00000000	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
03/12/03	Frozen Frozen Frozen	Frozen Frozen Frozen Frozen Frozen	Frozen Frozen Frozen Frozen Frozen	Frozen Frozen Frozen Frozen Frozen Frozen Frozen		Frozen Frozen Frozen Frozen Frozen Frozen Frozen Frozen Frozen
12/18/02	1,490 6.6 0	78 <10 0.14 110 25	 <0.1 110 550 550 580 32 43 <0.1002 	 <0.01 46 14 <0.01 9.1 0.5 76 		
09/24/02	1,250 8.2 15.2 14	53 35 0.11 110 24	0.6 120 480 610 61 61 61 61			
06/17/02	1.600 6.83 11.1	82 <10 0.15 150 42	 <ul< th=""><th>1.1 49 15 4101 15 11 110 0.6 22</th><th></th><th></th></ul<>	1.1 49 15 4101 15 11 110 0.6 22		
03/28/02	2,390 6.46 6.2 32	120 11 0.52 130 900	 <ul< th=""><th>1.4 40.01 52 24 15 15 140 210</th><th>0.91 <0.01 <0.01 0.5 <0.01 <0.018 <0.011 <0.018 <0.011 <0.027 <0.011 <0.027 <0.011 <0.027 <0.011 <0.021 <0.021</th><th>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</th></ul<>	1.4 40.01 52 24 15 15 140 210	0.91 <0.01 <0.01 0.5 <0.01 <0.018 <0.011 <0.018 <0.011 <0.027 <0.011 <0.027 <0.011 <0.027 <0.011 <0.021 <0.021	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
12/01/01	2,680) 6.71 7.6 42	130 12 0.79 0.79 230 150	 40.1 79. 79. 860 860 860 260 120 90 0.0034 	1.6 40.01 73 30 30 40.01 20 150 150	1 <0.01 <0.01 0.61 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.00	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
10/10/60	2,150 6.68 12.5 5 6	95 16 0.5 410	<0.1 66 930 1,100 290 1(X) 84 84	1.3 <0.01 82 26 40.01 20 20 140 140		
10/10/90	· 2,870 6.3 14 31	110 24 1.1 180 210	0.15 32 1,200 1,500 360 130 130 130	1.2 40.01 34 41 170 170 370		
03/01/01	3,130 6.42 5 35	130 1.2 350 220	<0.1 33 1,200 1,500 320 150 120 0 ,0025	 <0.01 87 84 34 41.01 25 170 170 		
12/01/00	3,390 6.59 6.4 49	1 30 30 1.6 410 400	 <ul< th=""><th>40.01 110 34 33 112 210 210</th><th></th><th></th></ul<>	40.01 110 34 33 11 2 210 210		
00/10/60	3,370 6.63 15.1 13 2	160 31 550 370	 4.1 2.3 2.100 4.100 4.70 160 150 0.0052 	2.4 40.01 120 48 48 48 39 230 230 510	1.8 0.043 0.01 1.3 0.01 0.01 0.025 0.002 0.013 0.013 0.003 0.033 0.003 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.033 0.011	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
06/01/00	3,650 6.92 11.3 78	120 16 0.12 430 13	0.28 32 11,300 1,300 250 430 170 200 0.0038	2.5 <0.01 110 48 48 <0.01 37 210 320		
00/10/E0	3,8(%) 6.65 5.5 77	120 34 328 350	 <0.2 48 48 1,400 1,930 478 478 120 36 0.005 	 <0.005 123 45.6 45.6 41.5 1.3 300 		

Parameter	66/10/£0	06/01/99	09/01/99	12/01/99
Field Parameters Conductivity (conduction)	0 A A 40	3 080	3 601	1701
Concentraty (controlycom)	6.58	6.82	6.74	6.36
Temberature (deo C)	64	141	15.6	7.1
Turbidity (NTU)	88	482	357	167
Leachate Indicator Parameters		1	:	į
Ammonia-Nitrogen (mg/L)	-	75	68	z ?
Biochemical Oxygen Demand (BOD5) (mg/L)	18	<u> </u>	87	× •
Bromide (mg/L)	0.0	2 5	7	4
Chemical Oxygen Demand (mg/L)	950	320	1	010
Chloride (mg/L)	560	200	430	320
Voltoria Nitrovian (morth)	C 17	PK7	5	207
Indate-Muogen (mg/L)	2.02	7.02	702	7.02
	7	1 5/11	011	107
Total Auxannuy (mg/u) Total Cumida	T, OAN	000ct1	000	20
Total Oscolum Solide (mod)	009.6	10.02	7 780	012 1
Total Dissolved Joines (mg/c)	0/22	750	644	SUM S
Total Maldah Nitowa (mg/L) Total Maldah Nitowa (maf))	20	58	5	500
Total Mercatil Villogen (mg/L)	1476	()// (LAC LAC	173
Total Phenols (mg/L)	0.009	<0.005	0.006	0.008
•				
Part 360 Routine Metals				
Boron (mg/L)		2.2		
Cadmium (mg/L)		0.0084	<0.005	<0.005
Calcium (mg/L)	216	212	171	134
Iron (mg/L)	64.4	66.6	55.8	40.8
Lead (mg/L)	<0.003	0.0123	<0.005	<0.005
Magnesium (mg/L)	55.7	54.7	52.6	41
Manganese (mg/L)	1.96	1.87	1.6	1.4
Potassium (mg/L)	202	191	210	160
Sodium (mg/L)	096	417	310	310
Part 360 Baseline Metals				
Aluminum (mg/L)		4.()4		
Antimony (mg/L)		<0.015		
Arsenic (mg/L)		<0.01		
Barium (mg/L)		1.25		
Beryllium (mg/L)		<0.003		
Chromium (mg/L)		0.0222		
Chromium, Hexavalent (mg/L)		<0.01		
Cobalt (mg/L)		<0.02		
Copper (mg/L)		0.0163		
Mercury (mg/L)		<0.0002		
Nickel (myL)		<0.03		
Selenium (my/L)		<0.005		
Silver (mg/L)		<0.01		
Thallium (mg/L)		0.0139		
Vanadium (me/L)		0.0457		
Zinc (mu/L)		0.107		
Volatile Organics				
1,1,1,2-Tetrachloroethane (µg/L)				
1,1,1-Trichlorowthane (ug/L)		γ,		
1,1,2,2-f etrachloroethane (ug/L)		0'		
1,1.2-Trichlorocthane (µg/L)		0		
1, 1-Dichlocosthers (MBL)		5 5		
1,2 3. Trichloromicus (AB 12))		
1,2,5-1110000000000000000000000000000000000		<10		
1 2-Dibromosthane (EDB) (uv/L)		8		
1,2-Dichlorobenzene (442/L)		δ		
1.2-Dichloroethane (ux/L)		Ś		
		ļ		

City of Rome Tannery Road Landfill	MW-35	Ground Water Analytical Data
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03/01/00

09/28/04 <1	2	- 1 0	<10	<10	<10	ŝ	<u>7</u>	7	7	7	<u>7</u>	7	Ţ	7	7	7	7	7	7	7	7	7	<10	<10	7	7	7	7	7	<10	7	7	ŝ	7	$\overline{\nabla}$
06/22/04																																			
03/23/04																																			
12/16/03																																			
09/17/03																																			
06/25/03 <5	Ŷ	<10	<10	<10	<10	<20	ŝ	Ş	Ą	Ą	Ŷ	ŝ	Ŷ	ų	Ŷ	Ş	ų	δ	Ş	Ş	Ş	ŝ	<10	<10	Ş	Ş	\$	ŝ	Ą	<10	<5	Ŷ	8	Ŷ	Ş
03/12/03 Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen	Frozen
12/18/02																																			
09/24/02																																			
06/17/02																																			
03/28/02 <5	Ŷ	<10	<10	<10	<10	<20	\$	Ş	<5	€	Ş	<5	\$	δ	<5	€5	€	\$	\$	Ś	5	ŝ	<10	<10	\$2.	Ş	\$	Ŷ	Ş	<10	\$	€5	<20	\$	5
12/01/01 <5	Ŷ	<10	<10	<10	<10	<2()	<5	Ş	€	<5	<5	<5	€5	Ŷ	5	Ş	Ş	Ş	₹2	<5	Ŷ	\$	€20	<10	Ş	Ą	Ş	\$	\$	<50	\$	\$	<20	<5	Ş
10/10/60																																			
06/01/01																																			
03/01/01																																			
00/10/21																																			
09/01/00 <5	Ŷ	<10	<10	<10	<10	<20	Ŷ	Ş		Ŷ	Ŷ	<5	Ş	Ş	<5	Ŷ	<5	Ŷ	Ŷ	Ŷ	\$	ŝ	<20	<10	Ŷ	Ŷ	Ş	Ŷ	Ş	<50	Ŷ	Ŷ	<20	Ŷ	Ś
90/10/90																																			

indicates not detected at or above the listed value
 NS indicates that no standard has been promulgated.
 indicates that the sum of these two analytes may not exceed 500 µg/L.
 indicates that the value listed is a guidance value rather than a standard.
 Values in boild exceeded the applicable NYSDEC ground water standard/guidance value.
 indicates standard applies to the sum of the isomers

2 of 2

Parameter	03/01/99	06/01/99	66/10/60	12/01/99
1.2-Dichloropropane (ug/L)		Ş		
1,3-Dichlorobenzene (ug/L)		Ŷ		
1,4-Dichloro-2-butenc (ug/L)		<10		
1.4-Dichlorobenzene (ug/L)		Ŷ		
2-Butanone (MEK) (ug/L)		<10		
2-Hexanone (µg/L)		<10		
4-Mcthyl 2-pentanone (ug/L)		<10		
Acctone (µg/L)		21		
Acrylonitrile (48/L)		<<100		
Benzene (ug/L)		ų		
Bromochloromethane (ug/L)		ų		
Bromodichloromethane (µg/L)		Ŷ		
Bromotorm (Hg/L)		Ś		
Bromomethane (ug/L)		Ŷ		
Carbon disulfide (µg/L)		9		
Carbon tetrachloride ($\mu g/L$)		Q		
Chlorobenzene (µg/L)		Ş		
Chloroethane (ug/L)		Q		
Chloroform (ug/L)		Ş		
Chloromethane (ug/L)		Ş		
cis-1,2-Dichloroethene (µg/L)		Ŷ		
cis-1,3-Dichloropropene (ug/L)		ΰ		
Dibromochloromethane (ug/L)		Ş		
Dibromomethane ($\mu g/L$)		ų		
Ethyl benzene (ug/L)		\$		
lodomethane (ug/L)		Ş		
Methylene Chloride (124/L)		Ś		
Styrene (ug/L)				
Tetrachloroethene (ug/L)		Ş		
Toluene (ug/L)		€		
trans-1,2-Dichloroethenc (ug/L)		Ş		
trans-1,3-Dichloropropene (µg/L)		Ŷ		
trans-1,4-Dichloro-2-butene (µµL)				
Trichloroethene (ug/L)		Q		
Trichlorofluoromethane (µg/L)		Ŷ		
Vinyl Acetate (445/L)		<50		
Vinyl Chloride (48/L)		Ş		
Xylenes (Total) (ug/L)		Ŷ		
~				
-	NOLES 1) < inclicatus not o	when you have been also also	unlara herbit state and	

	NYSDEC Ground Water Standard	NS 6.5 - 8.5 NS 5	2 NNS NS NS NS 15 250 10 250 NS NS NNS NNS 0.001 0.001	1 0.005 NS 0.3* 0.025 0.025 0.3* NS	NS 0.003 0.025 1 0.05 0.05 0.05 0.05 0.05 0.05 0.05 0	۲۰۰۰ کې کې
	9/28/04	224 5.75 14.8 46	3.6 3.6 3.6 5. 0.1 1.20 7.4 7.4 5.50 5.50 5.50 5.50 5.50 5.50 5.50 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.7 5.6 5.6 5.6 5.6 5.6 5.6 5.6 5.7 5.6 5.7 5.6 5.7 5.7 5.7 5.6 5.7 5.6 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.0 5.7 5.7 5.7 5.7 5.7 5.7 5.7 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0	0.28 <0.01 9.3 9.3 3.3 0.25 0.25 8.2	1.4 1.4 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	$\nabla \nabla \nabla \nabla$
	6/22/04	203 5.2 341	5.9 0.12 98 8.4 8.4 6.0.1 26 5.9 38 5.9 38	 <0.01 4.1 4.1 3.8 3.8 0.3 9.3 		
	3/23/04	164 5.64 4.9 10	3.8 <4.0 74 74 2.5 41 41 3.2 3.1 3.2 3.1 2.9 3.1 2.9	 <0.5 <0.01 <0.01 8.8 4 <0.01 3.5 <0.24 12 12 4.5 		
	12/16/03	207 5.5 6	4.2 <4.2 8.7 4.8 4.8 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1 3.1	 <0.5 <0.01 <		
	9/17/03	685 6.14 15.3 116	35 15 220 98 25 200 25 200 130 35 35 00045	1.4 <0.01 34 9.4 10 10 0.88 48 48 100		
	6/25/03	123 5.96 14.4	1.7 4.7 75 75 3.8 3.8 14 14 14 34 60.01 35 2 27 27 27	 <0.01 <0.01 <0.01 8.7 8.7 8.7 3.9 3.9 3.1 0.22 3.1 0.22 3.1 	$\begin{array}{c} 1.4\\ 0.01\\ 0.01\\ 0.02\\ 0.01\\ 0.02\\ 0.01\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.049\\ 0.049\end{array}$	v v v v
	3/12/03	137 5.7 5.5 25	2.6 6.6 54 54 5.3 5.3 24 24 24 28 28 28 2.8 2.8 2.8 2.8	<0.01 8.7 8.7 8.7 8.7 3.2 0.01 10 10 10		S S S
	12/18/02	163 6.8 0	2.3 <10.0 <0.1 44 4.6 4.6 <0.1 39 30 30 20 21 0.0022	 <0.01 10 4.8 4.8 3.8 3.8 0.27 13 4.6 		
	9/24/02	807 8.3 13.5 91	39 49 0.5 230 99 99 99 20 2280 27 77 77 77 84 8 84 0.0056	1.1 <0.01 20 21 6.3 6.3 0.55 81 81		
Data	6/17/02	161 6.05 11.5	3.5 <10.0 <0.1 84 84 5.3 <0.1 15 48 48 48 48 48 49 41 0.0093	 <0.5 <0.01 <0.01 <0.01 <0.01 <0.32 <0.32 <0.32 <0.32 <0.32 <0.32 <0.55 <		
ome d Landfil tS talytical	3/28/02	125 5.96 5.9 17	1.7 <10.0 <10.0 <62 <0.1 <62 <50 <17 <17 <17 <17 <17 <17 <17 <17 <17 <17	<pre><0.5</pre> <pre><0.01</pre> <pre><0.01</pre> <pre>%0.01</pre> <pre>%0.01</pre> <pre>%0.32</pre> <pre>%0.32<th>1.2 40.01 40.0</th><th>5.05.05.05.02</th></pre>	1.2 40.01 40.0	5.05.05.05.02
City of R lery Roa MW-4 Nater Ar	12/1/01	177 6.07 7.7 18	3.1 <10.0<10.0<0.1885.65.6300300300272723232333333333	<pre><0.5</pre> <pre><0.01</pre> <pre>10</pre> <pre>6.6</pre> <pre><0.01</pre> <pre>4</pre> <pre>14</pre> <pre>14</pre> <pre>5.7</pre>	$\begin{array}{c} 1.1 \\ -0.01 \\ -$	5.05.05.05.05.01 of
Tanr Pround V	9/1/01	555 6.07 12.7 19	32 25 0.24 160 43 49 49 170 300 56 61 0.0024	0.65 <0.01 14 6.9 6.9 4.9 0.48 33 33		
Ũ	6/1/01	247 5.7 15.6 24	9.8 112 0.12 98 8.7 60.1 91 91 91 12 40 40 40 8.7 8.7 8.7 8.7 91 12 91 8.7 91 91 91 91 91 8.7 91 8.7 91 8.7 91 8.7 91 8.7 91 8.7 91 8.7 91 91 92 8.7 91 93 8.7 91 94 94 94 94 94 94 94 94 94 94 94 94 94	 <0.5 <0.01 <0.01 <0.01 <0.37 <l< th=""><th></th><th></th></l<>		
	3/1/01	204 5.3 29	7.4 -0.1 110 7.1 7.1 7.1 110 57 57 -0.170 8.2 8.2 8.2 -20.002	 <0.01 7.7 7.9 4.9 <0.3 3 0.3 16 16 7.4 		
	12/1/00	374 6.04 6.8 33	18 <0.1 140 16 16 35 250 250 0.0028	 <0.01 11 6.5 6.2 6.01 4.2 4.2 0.38 35 35 		
	6/1/00	429 6.14 14.3 58	24 14 60.1 160 21 250 250 26 40 140 24 26 0.0028	0.71 <0.01 12 5.5 6.01 4.1 0.35 31 32	1.8 <0.01-0.01-0.01-0.01-0.01-0.01-0.01-0.01-0.01-0.01-0.01-0.032-0.01-0.032	 5.0 5.0 5.0 5.0 5.0
	6/1/00	334 6.36 11 79	15 <2.0 <0.1 1110 2.7 2.7 2.7 2.8 99 99 41 41 23 23 0.0023	0.53 <0.01 10 3.9 3.7 0.33 3.3 21		
	3/1/00	338 6.18 6.3 40	14 23 23 23 23 100 120 23 240 240 23 39 33 39 3 0.003	 <0.005 9.1 9.4 4.4 4.4 6.31 0.31 18.1 		
	12/1/99	444 7.11 7.1 86	15 24 24 256 1110 23 23 330 49 49 4.6 35.5 35.5 0.012	 <0.005 12.6 5.3 <0.005 4.3 0.41 34.2 27.9 		
	66/1/6	2,010 6.23 15 87	90 34 22 200 200 200 200 810 94 70 810 810 810	 <0.005 24.4 10.3 <0.005 <0.005 <0.62 <0.62 57 150 		
	6/1/9	1,590 6.43 15.8 77	 <0.5 <0.2 <0.2 <0.2 <0.120 <0.120 <0.120 <0.01 <l< th=""><th> <0.1 <0.005 29.8 32.8 32.8 8.28 8.28 4.11 4.31 3.43 </th><th>2.77 <0.015 0.0855 0.0855 0.0855 <0.003 <0.003 <0.002 <0.003 <0.003 <0.01 <0.01 <0.01 <0.01 <0.03 0.0508 0.0508</th><th> \$5.0 \$5.0 \$5.0 \$5.0 </th></l<>	 <0.1 <0.005 29.8 32.8 32.8 8.28 8.28 4.11 4.31 3.43 	2.77 <0.015 0.0855 0.0855 0.0855 <0.003 <0.003 <0.002 <0.003 <0.003 <0.01 <0.01 <0.01 <0.01 <0.03 0.0508 0.0508	 \$5.0 \$5.0 \$5.0 \$5.0
	3/1/99	672 7.05 5.7 137	26 62 62 540 50 50 24 71 71 0.056	 <0.005 11.2 5.2 5.2 <0.335 0.335 3.5.8 35.8 		
	Parameter	ield Parameter 20nductivity (µmhos/cm) hI (s.u.) `emperature (deg C) `urbidity (NTU)	2art 360 Leachate Indicator Parameters Ammonia-Nitrogen (mg/L) Biochemical Oxygen Demand (BOD5) (mg/L) Bromide (mg/L) Chemical Oxygen Demand (mg/L) Choride (mg/L) Chloride (mg/L) Color (Pt-Co) Vitrate-Nitrogen (mg/L) Colal Alkalinity (mg/L) Cotal Alkalinity (mg/L) Cotal Alkalinity (mg/L) Cotal Dissolved Solids (mg/L) Cotal Plances (mg/L)	Part 360 Routine Metals Boron (mg/L) Cadmium (mg/L) Calcium (mg/L) ron (mg/L) ron (mg/L) Magnesium (mg/L) Manganese (mg/L) votassium (mg/L)	Part 360 Additional Basiline Metals Aluminum (mg/L) Antimony (mg/L) Arsenic (mg/L) Barium (mg/L) Barium (mg/L) Chromium, Hexavalent (mg/L) Chromium, Hexavalent (mg/L) Cobalt (mg/L) Copper (mg/L) Mercury (mg/L) Vickel (mg/L) Selenium (mg/L) Silver (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vickel (mg/L) Vinc (mg/L)	Part 360 Volatile Organics 1,1,1,2-Tetrachloroethane (ug/L) 1,1,1-Trichloroethane (ug/L) 1,1,2,2-Tetrachloroethane (ug/L) 1,1,2-Trichloroethane (ug/L)

NYSDEC	Ground Water	Standard	S	5	0.04	0.04	Ś	ŝ	0.6	1	, ų	ς γ	; «	50 (GVV	50 (GV)			(U) (GV)	5	1	5	50 (GV)	50 (GV)	, v	60 (GV)	, v	5	S	L	2	- 10	0_4**	50 (GV)	S.	5	5	5	5	5	S	5	0.4**	5	5	5	NS	2	Ś
9/28/04			.	V	7	- V	~	- V	V	v	;		7					01>	<5 5	v	7	5	7	7	V	7	5	7	7	V	7	7 7	~	5	ŗ	<10	<10	7	7	7	7	7	<10	ŗ	7	<5	7	7
6/22/04																																																
3/23/04																																																
12/16/03																																																
9/17/03																																																
6/22/03		ı	₹	<5 <5	<5	ŝ	ŝ	Ŝ	<5 <5	Ŝ)		ц,	9 F			0 2	<10	<20	₹Ĵ	<5	<5 <5	ŝ	Ŝ	¢5	₹	ŝ	Ŝ	ŝ	ې ۲	, rò	°, r≎	s rò	¢ ک	ŝ	<10	<10	ŝ	°5 ∕	<5 <5	ۍ ۲	<5 <5	<10	ŝ	ŝ	<20	ŝ	V V
3/12/03		ı	Ŷ	ŝ					Ŷ	Ŷ)			/10	10			<10		Ŷ		Ŷ	Ŷ	Ŷ	Ş	Ŷ	Ŷ	Ŷ	Ŷ	Ŷ	2	Ş	v V		Ŷ		<10	Ş	Ś	Ş		Ş		Ś			Ŷ	ራ ሌ
12/18/02																																																
6/17/02 9/24/02																																																
3/28/02			<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	€5.0			<5 U	10.0	0.017	0.01	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	€.0	€.0	€.0	€.0	<5.0	<5.0	<50 <50	<5.0	<5.0	€.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<20.0	<5.0	<5.0
9/1/01 12/1/01		1	<5.0	<5.0	<5.0	<50	<5.0	<5.0	<5.0	<5.0			<50 <2	/10.0	~10.0	0.012	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50	<50	€.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	<5.0	<20.0	<5.0	<5.0
2/1/00 3/1/01 6/1/01																																									-							
6/1/00 9/1/00 12			<5.0	<5.0	<5.0	<50	€.0	<5.0	<5.0	<5.0			~£ 0	10.0	0.017	0.01	<10.0	<10.0	<20.0	€.0	<5.0		<5.0	<5.0	<5.0	€5.0	<5.0	<5.0	≤5.0	<50	<50)<br <20	50	<5.0	€5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	<5.0	<20.0	<5.0	≪.0

Ground Water Analytical Data

City of Rome Tannery Road Landfill MW-45

1) < indicates not detected at or above the listed value 2) NS indicates that no standard has been promulgated. 3) * indicates that the sum of these two analytes may not exceed 500 μ g/L. 4) GV indicates that the value listed is a guidance value rather than a standard. 5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.

Parameter	3/1/99	6/1/9	66/1/6	12/1/99	3/1/00
1,1-Dichloroethane ($\mu g/L$)		<5.0			
1,1-Dichloroethene $(\mu g/L)$		<5.0			
1,2,3-Trichloropropane (ug/L)					
1,2-Dibromo-3-chloropropane (ug/L)		<10.0			
1,2-Dibromoethane (EDB) (μ g/L)		<5.0			
1,2-Dichlorobenzene (μ g/L)		<5.0			
1,2-Dichloroethane ($\mu g/L$)		<5.0			
1,2-Dichloropropane (µg/L)		<5.0			
1,3-Dichlorobenzene (μ g/L)		<5.0			
1,4-Dichloro-2-butene ($\mu g/L$)		<10.0			
1,4-Dichlorobenzene $(\mu g/L)$		<5.0			
2-Butanone (MEK) ($\mu g/L$)		<10.0			
Z-HEXANONE (UG/L)		<10.0			
Action (119/L)		<10.0			
Acrylonitrile $(u_{\rm g}/L)$		<100.0			
Benzene (µg/L)		<5.0			
Bromochloromethane ($\mu g/L$)		<5.0			
Bromodichloromethane (ug/L)		<5.0			
Bromoform (µg/L)		<5.0			
Bromomethane (μ g/L)		<5.0			
Carbon disulfide ($\mu g/L$)		<5.0			
Carbon tetrachloride (μ g/L)		≤5.0			
Chlorobenzene ($\mu g/L$)		<5.0			
Chloroethane ($\mu g/L$)		<5.0			
Chloroform (µg/L)		<5.0			
Chloromethane ($\mu g/L$)		<5.0			
cis-1,2-Dichloroethene ($\mu g/L$)		<5.0			
cis-1,3-Dichloropropene (μ g/L)		<5.0			
Dibromochloromethane ($\mu g/L$)		<5.0			
Dibromomethane (μ g/L)		<5.0			
Ethyl benzene ($\mu g/L$)		<5.0			
lodomethane $(\mu g/L)$		<5.0			
Methylene Unioride (48/L) Sturane (110/L)		0.0>			
Tetrachloroethene (ug/L)		<5.0			
Tolhene (us/I.)		<5.0			
trans-1,2-Dichloroethene (μ g/L)		€.0			
trans-1,3-Dichloropropene ($\mu g/L$)		<5.0			
trans-1,4-Dichloro-2-butene ($\mu g/L$)					
Trichloroethene ($\mu g/L$)		<5.0			
Trichloroffuoromethane ($\mu g/L$)		<5.0			
Vinyl Acetate ($\mu g/L$)		<50.0			
Vinyl Chloride ($\mu g/L$)		<5.0			
Xylenes (Total) ($\mu g/L$)		<5.0			
1,2-Dichloroethene - Total					
	Notes				

	NYSDEC Ground Water Standard	NS	6.5 - 8.5	NS	5	2	SN	2	NS	250	9	250	SN	0.2	500	NS	NS	NS	0.001	1	0.005	NS	0.3*	0.025	35 (GV)	n v		07	NS	0.003	0.025	1	(VU) cuu.u 0.05	0.05	NS	0.2	0.1	0.01	0.05	0.0005 (GV)	NS	2	5	5	5
	9/28/04	118	6.44	14.1	108	<0.03	4>	<0.1	15	2.6 Afo	200	9.6	38	<0.01	99	52	0.2	3.6	0.0039	0.014	<0.01	16	4.7	<0.01	2.9	40	t t	~	0.44	<0.01	0.013	<0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2 0.2	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.017	$\overline{\nabla}$	$\overline{\nabla}$	7
	6/22/04	112	6.1	11.3	150	<0.03	4>	<0.1	25	2.9	0 19	; =	48		80	54	0.41	4.5	<0.002		<0.01	17	6.3	<0.01	2.8	4 0.0	t t	~																	
	3/23/04	306	6.15	5.4	41	0.83	<4.0	<0.1	25	4.2	<01	21	110		180	130	1.3	8.9	<0.002	<0.5	<0.01	42	6	<0.01	5.7	0.0/ 5 1		4.4																	
	12/16/03	230	6.9	7	140	0.4	<4 -	<0.1	32	4.3	0.18	14	100		160	110	0.59	10	<0.002	<0.5	<0.01	35	30	<0.01	4.9	- 4 7	t c	1.2																	
	9/17/03	102	6.85	14.3	202	0.058	<4.0	<0.1	22	3.2	610	16	32		92	66	0.37	5.7	<0.002	<0.5	<0.01	20	13	<0.01	4	0.40 2 3))	v																	
	6/25/03	208	6.77	13.1	334	0.71	4	<0.1	69	4	0 15 0 15	25	86	<0.01	170	120	0.79	10	<0.002	<0.5	<0.01	39	11	<0.01	4.8 0 45	0.00 V V	5 C	7.7	0.73	<0.01	0.031	<0.2	<0.01	<0.01	<0.01	<0.01	<0.000	<0.01	<0.01	<0.01	<0.01	0.041	<5	ŝ	€5
	3/12/03	227	6.5	5.5	27	0.65	<4.0	0.12	16	4.1	(0>	21	67		160	130	0.66	8.1	<0.002		<0.0>	42	10	<0.01	5.3	u.yz	- t	ņ																Ş	δ
	12/18/02	252		6.9	0	0.57	<4.0	<0.1	20	2.8	102	23	110		170	120	0.63	8.1	<0.002		<0.01	41	11	<0.01	· 5	4. v	٦ ٻ	1.4																	
	9/24/02	112	5.67	13.2	837	0.09	9.5	<0.1	62	2.6	0.10	2.1	40		180	110	1.4	22	0.0033	<0.5	<0.01	27	97	0.022	9.5	0.0 1 2	1.0	0.1>																	
	6/17/02	223	6.85	10.1		0.26	<4.0	<0.1	18	2.9	107	1.8	80		110	93	0.39	6.5	0.0097	<0.5	<0.01	30	8.2	<0.01	4.2	4.1 2	t. t	1																	
	3/28/02	232	6.57	4.8	47	0.82	<4.0	<0.1	31	3.1	10/	23	82	<0.01	78	110	0.89	11	<0.002	<0.5	<0.01	35	12	<0.01	5.3	9	ţ, ţ	1.6	0.54	<0.01	0.013	<0.2	10.05	<0.01	<0.01	<0.01	<0.002	<0.01	<0.01	<0.01	<0.01	0.032	<5.0	<5.0	≤5.0
cal Data	12/1/01	7.2.7	6.84	T.T	36	0.43	<4.0	<0.1	23	3.2	¢ (36	68	<0.01	200	110	0.62	9.6	<0.002	<0.5	<0.01	35	6.1	<0.01	9	1.4 5 6	0.0	1.4	0.41	<0.01	<0.01	<0.2	<0.01	<0.01	<0.01	<0.01	<0.001 <	<0.01	<0.01	<0.01	<0.01	0.013	<5.0	<5.0	<5.0
ter Analyti	10/1/6	433	6.75	11.6	68	1.4	4.7	0.13	43	6	101	5	190		240	230	1.6	13	<0.002	<0.5	<0.01	72	15	<0.01	12	97 7	4. t	4.8																	
ound Wa	10/1/9	163	6.5	14.6	42	0.34	<4.0	<0.1	5.2	2.9	<i>11</i>	34.0	50		120	78	0.67	7.2	<0.002	<0.5	<0.01	23	10	<0.01	5.1	15-0	47 5	13																	
õ	3/1/01	456	6.26	9	35	1.3		<0.1	37	5	107	42	200		300	200	1.8	13	<0.002		<0.01	64	15	<0.01	10	9 -7	0.0	3.8																	
	12/1/00	616	6.67	9.9	46	0.34	<4.0	<0.1	26	2.3	10/	1.02	47		150	110	0.8	8.5	<0.002		<0.01	31	8	<0.01	7.3	8 I J	1.0	<1.0																	
	9/1/00	167	6.85	12.8	198	0.11	<2.0	<0.1	32	2.9	85	1.0	52		140	96	0.69	9.1	<0.002	<0.5	<0.01	27	11	<0.01	6.7	4. I 4. I	4. 1	1.3	2	0.022	<0.01	<0.2	10.0>	<0.01	<0.01	0.014	1700/	<0.01	<0.01	<0.01	<0.01	0.058	€.0	<5.0	<5.0
	6/1/00	030	6.75	10.9	55	0.11	20	1.3	24	94	016	16	120		730	120	0.61	9.7	0.0024	<0.5	<0.01	35	7.6	<0.01	7.9	7 .8	n ;	1.9																	
	3/1/00	540	6.46	6.5	74	<0.3	62	<2.0	36	5.9	9.0	0.0	260		360	228	<0.3	16.8	0.001		<0.005	6.69	24.8	<0.005	13	8.5	0.0	5.3																	
	12/1/99	195	7.3	7	162	<0.3	2	<2.0	20	3.2	00	31	58		150	81	0.4	17.1	0.003		<0.005	23.3	5.9	<0.005	5.5	2.6	3.8	3.1																	

1 of 2

City of Rome Tannery Road Landfill MW-5S

Parameter	3/1/99	6/1/99	66/1/6
Field Parameter			
Conductivity (umhos/cm)	869	340	308
рН (s.u.)	7.56	6.75	6.48
Temperature (deg C)	5.2	16.2	13.1
Turbidity (NTU)	64	533	204
Part 360 Leachate Indicator Parameters			
Ammonia-Nitrogen (mg/L)	1.5	<0.5	<0.3
Biochemical Oxygen Demand (BOD5) (mg/L)	11	11	2
Bromide (mg/L)	<0.2	<0.2	<2.0
Chemical Oxygen Demand (mg/L)	11	45	32
Chloride (mg/L)	14	с,	2.4
Color (Pt-Co)	ç	011	ç
Nitrate-Nitrogen (mg/L)	7.0≻	<0.2	<0.2
Sulfate (mg/L) Treed Albediation (mo./l.)	15 170	170	89 00
Total Cvanide (mod)	P ř	2001 2001	
Total Discolved Solids (mol.)	430	130	230
Total Hardness (mg/L)	320	130	148
Total Kjeldahl Nitrogen (mg/L)	3.1	1.1	0.0
Total Organic Carbon (mg/L)	22	15	15.1
Total Phenols (mg/L)	<0.005	<0.005	<0.001
Part 360 Routine Metals			
Boron (mg/L)		<0.1	
Cadmium (mg/L)	<0.005	<0.005	<0.005
Calcium (mg/L)	97.8	35	43
lron (mg/L)	31.4	20.8	14.2
Lead (mg/L)	<0.003	0.0056	<0.005
Magnesium (mg/L)	18.6	10.2	9.8
Manganese (mg/L)	12.2	4.16	6.5
Potassium (mg/L)	8.94	4.89	3.4
Sodium (mg/L)	12.1	3.34	11
Part 360 Additional Baseline Metals			
Aluminum (mg/L)		3.2	
Antimony (mg/L)		<0.015	
Arsenic (mg/L)		0.0138	
Barium (mg/L)		0.0655	
Beryllium (mg/L)		<0.003	
Chromium (mg/L)		0.0109	
Chromium, Hexavalent (mg/L)		<0.01	
Cobalt (mg/L)		<0.02	
Copper (mg/L)		C670'0	
Mercury (mg/L)		2000-	
Nickel (mg/L)		20.02	
Scientum (mg/L) Silver (me/l)		cm.u>	
Thailinm (mo/l)		-0.01	
Vanadium (mo/L.)		<0.3	
Zinc (mg/L)		0.0827	
1 1 1 2. Tetrachloroethane (uo/l)		<50	
1,1,1,2-1 teu acino comano vez 27 1 1 1-Trichloroethane (ug/L)		.0<br <2.0	
1.1.2.2-Tetrachloroethane ($\mu g/L$)		<5.0	

City of Rome	Tannery Road Landfill	MW-55
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Ground Water Analytical Data

4 NVSDEC	Ground Water Standard	-	5	5	0.04	0.04	5	3	0.6	-	ŝ	5	3	50 (GV)	50 (GV)	SN	50 (GV)	s.	-	5	50 (GV)	50 (GV)	, s	60 (GV)	, ' 2	5	5	7	5	5	0.4**	50 (GV)	S,	5	5	5	5	5	S	S	0.4**	5	5	5	NS	2	5	
0/28/0		Ţ	$\overline{\nabla}$	$\overline{\nabla}$	7	7	7	~	7	7			√.	<10	<10	<10	<10	₹5	7	7	7	7	~	7	~	~	~	~	7	7	$\overline{\nabla}$	$\overline{\mathbf{v}}$	7	7	<10	<10	7	7	7	7	7	<10	7	7	ŝ	7	~	
2016613																																																
40/EC/E																																																
12/16/03																																																
9/17/03																																																
60/52/9		ŝ	ŝ	<5	ŝ	ŝ	ŝ	ŝ	\$	ŝ			\$	<10	<10	<10	<10	<20	\$	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	<5	<5	<5	ŝ	<5	ŝ	<10	<10	ŝ	ŝ	ŝ	\$ 2	ŝ	<10	<5	5.	<20	<5 S	<5	
50/21/5		Ŷ	Ş	Ŷ					Ŷ	Ŷ				<10	<10	<10	<10		Ş		Ŷ	Ŷ	Ŷ	' ۷	Ŷ	Ŷ	Ŷ	Ŷ	Ş		Ş	Ś		Ś		<10	Ş	Ś	Ś		Ŷ		Ş			Ś	Ş	Ŷ
1 2/1 8/02																																																
9/24/02																																																
20/21/9																																																
3/28/07		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<0.0	≪5.0	<10.0	<5.0	<5.0	<20.0	<5.0	<5.0	
10/1/61		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	≪5.0	<20.0	<5.0	<5.0	
10/1/6																																																
10/1/9																																																
3/1/01																																																
12/1/00																																																
0/1/0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	≪5.0	<5.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	<5.0	<20.0	≤5.0	<5.0	
00/1/9																																																
3/1/00																																																
2/1/99																																																

2 of 2

Parameter	3/1/99	6/1/99	66/1/6
1,1,2-Trichloroethane (ug/L)		<5.0	
1, 1-Dichloroethane ($\mu g/L$)		<5.0	
1,1-Dichloroethene ($\mu g/L$)		<5.0	
1,2,3-Trichloropropane ($\mu g/L$)			
1,2-Dibromo-3-chloropropane (μg/L)		<10.0	
1,2-Dibromoethane (EDB) (µg/L)		<5.0	
1,2-Dichlorobenzene ($\mu g/L$)		<5.0	
1,2-Dichloroethane ($\mu g/L$)		<5.0	
1.2-Dichloropropane (µg/L)		<5.0	
1,3-Dichlorobenzene (µg/L)		<5.0	
1,4-Dichloro-2-butene (µg/L)		<10.0	
1,4-Dichlorobenzene (μ g/L)		<5.0	
2-Butanone (MEK) (ug/L)		<10.0	
2-Hexanone (ug/L)		<10.0	
4-Methyi 2-pentanone (ug/L)		<10.0	
Acetone (µg/L)		<10.0	
Acrylonitrile (μg/L)		<100.0	
Benzene (μg/L)		<5.0	
Bromochloromethane (μ g/L)		<5.0	
Bromodichloromethane (μ g/L)		<5.0	
Bromoform (µg/L)		<5.0	
Bromomethane (μg/L)		<5.0	
Carbon disulfide $(\mu g/L)$		<5.0	
Carbon tetrachloride ($\mu g/L$)		<5.0	
Chlorobenzene (μ g/L)		<5.0	
Chloroethane (ug/L)		<5.0	
Chloroform (µg/L)		≤5.0	
Chloromethane (µg/L)		<5.0	
cis-1,2-Dichloroethene ($\mu g/L$)		€.0	
cis-1,3-Dichloropropene ($\mu g/L$)		<5.0	
Dibromochloromethane ($\mu g/L$)		<5.0	
Dibromomethane (ug/L)		<5.0	
Ethyl benzene (µg/L)		<5.0	
Iodomethane ($\mu g/L$)		<5.0	
Methylene Chloride (ug/L)		<5.0	
Styrene (µg/L)			
Tetrachloroethene ($\mu g/L$)		€.0	
Toluene (µg/L)		≤5.0	
trans-1,2-Dichloroethene (ug/L)		≤5.0	
trans-1,3-Dichloropropene (µg/L)		€.0	
trans-1,4-Dichloro-2-butene (µg/L)			
Trichloroethene ($\mu g/L$)		€.0	
Trichlorofluoromethane ($\mu g/L$)		<5.0	
Vinyl Acetate (μ g/L)		<50.0	
Vinyl Chloride ($\mu g/L$)		<5.0	
Xylenes (Total) (µg/L)		<5.0	
1,2-Dichloroethene - Total			
z	otes		

indicates not detected at or above the listed value
 NS indicates that no standard has been promulgated.
 NS indicates that the sum of these two analytes may not exceed 500 µg/L.
 Vindicates that the value listed is a guidance value rather than a standard.
 Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
 * indicates standard applies to the sum of the isomers

NYSDEC Ground Water	Standard NS 6.5 - 8.5 NS 5	2 NNS NS 15 10 10 250 0.02 NNS NNS NNS NNS NNS NNS NNS NNS NNS NN	1 0.005 NS 0.3* 0.3* 0.3* NS 20	NS 0.003 0.025 1 0.005 0.05 0.05 0.05 0.01 0.01 0.01	ი ი ი - ი ი ი 0.0 40.0 ა ა
9/28/04	817 6 12.6 165	25 7.2 0.5 0.5 27 27 675 675 675 675 675 1 30 1 8 1 8 1 8 1 8 0.002	0.8 49 49 18 18 40 40 31	1.1 40.01 0.011 0.011 0.011 0.016 0.046 0.016 0.016 0.016 0.016 0.016	~ ~ ~ ~ ~ ~ ~ ~ ~ ~
6/22/04	807 5.7 12.3 150	29 29 2,10 2,68 2,68 2,68 3,7 2,0 2,10 2,20	 <0.01 54 31 0.015 0.68 0.68 36 		
3/23/04	1,030 6.23 9.5 59	30 <10.0 0.83 1110 56 320 320 33 320 35 35 35 36 0.004	0.95 57 34 34 0.012 0.68 44		
12/16/03	370 6.9 30	8.4 <10 76 76 8.8 8.8 8.8 28 240 240 97 28 8.4 28 8.4 8 7 07 28 8 7	 <0.5 <0.01 24 27 27 9.1 9.3 9.9 		
9/17/03	1,080 6.48 11.7 128	38 7.1 0.88 120 54 60.1 49 49 310 310 310 25 580 310 25 00024	1.2 <0.01 76 45 0.018 28 0.85 39		
6/25/03	775 6.42 12.1 999	40 122 150 57 57 57 57 57 57 57 57 57 410 410 410 270 270 270	 <u< td=""><td>2.3 0.01 0.026 0.026 0.01 0.01 0.01 0.01 0.01 0.01 0.037</td><td>\$</td></u<>	2.3 0.01 0.026 0.026 0.01 0.01 0.01 0.01 0.01 0.01 0.037	\$
3/12/03	1,150 6.3 5.5	39 <10.0 0.85 0.85 55 54 54 54 54 54 580 390 270 41 41 42 0.0032	 <0.01 69 69 41 41 25 39 39 		\Diamond \Diamond \Diamond \Diamond \Diamond
12/18/02	1,110 9.5 61	34 34 34 34 35 350 350 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 360 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370 370	 <0.01 63 63 34 0.014 20 20 40 37 		
9/24/02	503 5.4 11.6 345	22 9.3 0.21 150 21 150 47 47 420 160 140 26 50 0.0044	 <0.5 <0.01 35 35 35 35 35 35 35 35 35 23 15 		
6/17/02	1,430 6.25 11.6	46 <10.0 1 130 72 61 470 650 44 46 0.012	0.83 0.01 71 7		
3/28/02	1,440 5.96 9 29	43 <20.0 0.8 0.8 750 0.16 58 58 460 -270 50 50 50 0.0027	0.99 <0.01 71 40 6.01 24 24 0.73 40 53	0.83 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.01 0.03 0.01 0.03	\$ 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0
12/1/01	1,290 6.31 10.1 53	39 20.00 20.00 20.00 20.01 250 250 250 250 390 250 390 250 860 860 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 870 8 0 8 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 00 1 00 1 00 1 00 1 000 1 000 1 0000000000000000	 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.7 <0.7<td>1.2 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.013</td><td>$\begin{array}{c} 0.2 \\ 0.2$</td>	1.2 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.013	$ \begin{array}{c} 0.2 \\ 0.2 $
10/1/6	1,090 6.39 11.2 152	47 14 0.75 120 46 45 430 430 430 430 60 3 60 0039	0.83 <0.01 64 39 0.014 0.76 41 59		
10/1/9	1,200 5.96 12.7 112	40 13 0.74 120 62 62 47 47 470 570 570 43 43 43 0.0034	 <0.5 <0.5 <0.01 42 42 0.013 0.76 39 56 		
3/1/01	1,350 6.2 8.9 97	46 0.93 140 74 74 430 670 670 52 80 280 52 49 0.0026	 <0.01 70 41 25 0.8 0.8 54 		
12/1/00	1,270 6.46 9 62	37 <20.0 1 120 59 600 600 51 55 6004	 <0.01 <0.01 <0.01 <0.13 <0.73 <0.86 		
00/1/6	1,220 6.41 11.5 98	41 10 11.1 11.1 65 65 750 750 41 41 41 40 2001 9004	1.2 77 77 45 6.8 6.8	1 0.034 0.011 0.011 0.034 0.011 0.034 0.01 0.013 0.002 0.013 0.067	\$ 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
90/1/9	1,710 6.88 13.3 83	58 4.4 - 4.4 - 6.1 150 150 - 150 - 150 - 150 - 3.3 - 680 - 680 - 680 - 680 - 680 - 680 - 60	1.7 <0.01 87 83 60 0.96 60 83		
3/1/00	1,320 6.5 8.4 128	33 11 120 68 4.9 450 610 610 244 256 38.1 0.006	 <0.005 56.4 33.2 0.006 0.006 38.4 50.5 		
12/1/99	1,300 7.92 8.1 247	36 11 11 22.0 110 110 11.5 28 470 660 310 310 310 310 660 610 310 310 310 310 310	 <0.005 <0.005 <0.005 37.7 37.7 37.7 37.7 37.7 37.7 37.5 55.5 		
66/1/6	1,620 6.4 13.2 94	47 17 14 88 88 88 88 70.2 710 710 710 710 710 0.01	 <0.005 <0.005 <0.005 <0.006 <0.006 <0.82 <0.82 <0.60 		
6(1/)	1,120 6.53 14.5 42	25 17 17 20.22 37 280 370 370 35 40 35 40 36 260 36 260 36 260 260 260	0.7 <0.005 61.1 39.2 0.0041 255.9 0.84 40.9 39.6	0.439 0.135 0.015 0.017 0.217 0.013 0.003 0.003 0.005 0.005 0.005 0.005 0.010 0.056 0.056	 5.0
3/1/99	1,330 6.64 8.1 160	47 19 570 570 570 670 670 670 670 670 670 670	 <0.005 62.9 41.1 0.0071 33.6 0.837 54.8 54.8 		
Parameter	<u>Field Parameters</u> Conductivity (μmhos/cm) pH (s.u.) Temperature (deg C) Turbidity (NTU)	Part 360 Leachate Indicator ParametersAmmonia-Nitrogen (mg/L)Biochemical Oxygen Demand (BOD5) (mg/L)Bromide (mg/L)Chemical Oxygen Demand (mg/L)Choride (mg/L)Color (Pt-Co)Nitrate-Nitrogen (mg/L)Sulfate (mg/L)Total Alkalinity (mg/L)Total Dissolved Solids (mg/L)Total Dissolved Solids (mg/L)Total Dissolved Solids (mg/L)Total Pharones (mg/L)Total Phanes (mg/L)Total Phanes (mg/L)Total Phenols (mg/L)Total Phenols (mg/L)	Part 360 Routine Metals Boron (mg/L) Cadmium (mg/L) Calcium (mg/L) Iron (mg/L) Lead (mg/L) Magnesium (mg/L) Manganese (mg/L) Potassium (mg/L)	Part 360 Additional Baseline Metals Aluminum (mg/L) Antimony (mg/L) Arsenic (mg/L) Barium (mg/L) Beryllium (mg/L) Chromium (mg/L) Chromium, Hexavalent (mg/L) Cobalt (mg/L) Copper (mg/L) Mercury (mg/L) Nickel (mg/L) Nickel (mg/L) Silver (mg/L) Silver (mg/L) Thallium (mg/L) Varadium (mg/L) Varadium (mg/L) Varadium (mg/L)	Part 360 Volatile Organics 1,1,1,2-Tetrachloroethane (ug/L) 1,1,1-Trichloroethane (ug/L) 1,1,2-Trichloroethane (ug/L) 1,1,2-Trichloroethane (ug/L) 1,1-Dichloroethane (ug/L) 1,2-Trichloroptopane (ug/L) 1,2-Dibromo-3-chloroptopane (ug/L) 1,2-Dibromoethane (EDB) (ug/L) 1,2-Dibromoethane (EDB) (ug/L)

City of Rome Tannery Road Landfill MW-7D Ground Water Analtyical Data

City of Rom	City of Rome
Tannery Road L	Tannery Road Landfill
MW-7D	MW-7D

	Data
MW-7 D	round Water Analtyical
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NYSDEC	Ground Water	Standard	0.6	1	ŝ	5	ю	50 (GV)	50 (GV)	NS	50 (GV)	, '	1	5	50 (GV)	50 (GV)	5	60 (GV)	5	5	5	7	5	5	0.4**	50 (GV)	5	5	5	5	5	5	5	5	0.4**	5	5	5	NS	2	5		
9/28/04			2	7			7	<10	<10	<10	<10	<5	4.3	ŗ,	<u>۲</u>	<u>۲</u>	7	<u>^</u>	7	4.4	7	<u>۲</u>	7	√ √	<u>۲</u>	ŗ.	2	7	<10	<10	~	7	7	7	7	<10	7	7	ŝ	7	~		
6/22/04																																											
3/23/04																																											
12/16/03																																											
9/11/03																																											
6/25/03			5 5	<5 <5			ŝ	<10	<10	<10	<10	<20	16	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	°5 ℃	ŝ	ŝ	ŝ	°5 ℃	ŝ	<5 <5	<5 <5	ŝ	<10	<10	ŝ	ŝ	ŝ	¢	ŝ	<10	ŝ	ŝ	<20	ŝ	97		
3/12/03			<5	Ş				<10	<10	<10	10		15		Ş	Ş	ŝ	<5	Ş	\$	Ş	Ş	\$		Ş	Ş		Ş		<10	<5	<5 S	ŝ		ŝ		ŝ			Ş	160	Ŷ	
2 12/18/02																																											
02 9/24/0																																											
8/02 6/17/			0	0			0.	0.0	0.0	0.0	0.0	0.0	4	0.	0-	0	0	0	0	3	0	0.	0	0.	0	0.	0.	0.	0.0	0.0	0.	0.	0.	0.	0.	0.0	0.	0.	0.0	0.	0		
/01 3/28			.0 <5	.0 <5			.0 ≳).0 <1().0 <1(.0 <1(.0 <1().0 <2(7 2	.0	·0 <5	·0 €>	.0 €>	·0 <5	.0 <5	8 5.	.0 ≳	·0 €>	.0 <5	.0	·0 <5	·0 <5	·0 <5	.0 <5).0 <1().0 <10	.0 S	.0 \$>	·0 S	.0 <5	.0 S>)[) <1(.0 ≳	.0 ≳	.0 <2(.0 ≳	0 18		
/01 12/1			Ş	Ŷ			Ş	<10	<1(<1(<1(<2(1	Ŷ	Ŷ	Ŷ	ŝ	\$	\$	ŝ	ŝ	\$	Ş	\$	\$	Ŷ	ŝ	Ş	<2(<10	Ş	Ş	Ŷ	Ŝ	Ş	<5(\$	Ŷ	<20	ŝ	13		
1/6 10/1																																											
1/01 (0/1																																											
:/1/00 3/																																											
0/1/00 12			<5.0	<5.0			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	14	<5.0		<5.0	<5.0	<5.0	<5.0	8.4	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	<5.0	<20.0	<5.0	16		
6/1/00 5								·	v	Ŷ	v	·																	,	•						•			*				
3/1/00																																											

Notes
1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 μg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

Parameter	3/1/99	66/1/9	9/1/6	12/1/99
1,2-Dichloroethane $(\mu g/L)$		<5.0		
1.2-Dichloropropane (ug/L)		<5.0		
1,3-Dichlorobenzene ($\mu g/L$)		<5.0		
1,4-Dichloro-2-butene (µg/L)		<10.0		
1,4-Dichlorobenzene ($\mu g/L$)		<5.0		
2-Butanone (MEK) (µg/L)		<10.0		
2-Hexanone (μg/L)		<10.0		
4-Methyl 2-pentanone ($\mu g/L$)		<10.0		
Acetone ($\mu g/L$)		<10.0		
Acrylonitrile (µg/L)		<100.0		
Benzene (ug/L)		<5.0		
Bromochloromethane (μ g/L)		<5.0		
Bromodichloromethane ($\mu g/L$)		<5.0		
Bromoform (ug/L)		<5.0		
Bromomethane ($\mu g/L$)		<5.0		
Carbon disulfide ($\mu g/L$)		<18.0		
Carbon tetrachloride $(\mu g/L)$		<5.0		
Chlorobenzene ($\mu g/L$)		23		
Chloroethane (ug/L)		<5.0		
Chloroform (ug/L)		<5.0		
Chloromethane ($\mu g/L$)		<5.0		
cis-1,2-Dichloroethene (μ g/L)		<5.0		
cis-1,3-Dichloropropene (μ g/L)		<5.0		
Dibromochloromethane (μ g/L)		<5.0		
Dibromomethane $(\mu g/L)$		<5.0		
Ethyl benzene ($\mu g/L$)		<5.0		
Iodomethane ($\mu g/L$)		<5.0		
Methylene Chloride ($\mu g/L$)		<5.0		
Styrene (µg/L)				
Tetrachloroethene $(\mu g/L)$		<5.0		
Toluene (µg/L)		<5.0		
trans-1,2-Dichloroethene ($\mu g/L$)		<5.0		
trans-1,3-Dichloropropene ($\mu g/L$)		<5.0		
trans-1,4-Dichloro-2-butene (ug/L)				
Trichloroethene $(\mu g/L)$		<5.0		
Trichlorofluoromethane $(\mu g/L)$		<5.0		
Vinyi Acetate (µg/L)		<50.0		
Vinyl Chloride (µg/L)		<<		
Xytenes (1 otal) (μg/L) 1,2-Dichloroethene - Total		7		
	Notec			

NYSDEC Ground Water	Standard NS 6.5 - 8.5 NS 5	2 NS NS NS 250 10 15 0.02 800 NS NS NS	1 0.005 NS 0.3* 0.25 0.25 0.3* NS	NS 0.003 0.025 1 0.003 (GV) 0.05 0.05 0.05 0.05 0.01 0.01 0.01 0.01	2 2 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
9/28/04	394 6.95 13.2 331	0.48 4.7 60.1 79 79 70 70 70 70 70 210 210 280 0.78 280 0.78 24	0.027 <0.01 8.4 6.1 6.0 16 0.96 2.22 2.22 33	1.4 0.01 0.02 0.01 0.01 0.01 0.02 0.02 0.02 0.02	$ abla \ abla \$
6/22/04	365 6.78 11 999	0.64 12 <0.1 120 3.5 3.5 240 250 240 400 400 400 30 30	<0.01 120 13 0.017 26 1.4 3.5 5 3		
3/23/04	413 6.98 5.2 492	0.56 <4.0 <0.1 120 3.5 5.9 5.9 5.9 5.9 5.9 220 730 1.1 1.1 2.5 <0.002	<0.5 <0.01 180 67 66 66 7.8 3 7.8 66		
12/16/03	480 7.5 6 50	 <0.03 <4 <0.1 <0.13 <0.18 <0.18 <0.18 <0.18 <0.18 <0.18 <0.18 <0.03 <0.0331 	 <0.5 <0.5 <0.01 50 <0.01 2.2 2.3 5.2 5.5 5.5<		
9/17/03	392 7.5 614	0.93 <4.0 <0.1 67 3.4 3.2 3.2 3.2 3.2 220 410 410 0.57 25 0.0026	<0.5 <0.01 120 29 27 27 27 27 27 37		
6/25/03	385 7.17 11.3 999	1.8 4.4 <0.1 120 3.2 750 750 750 750 750 750 15 400 400 1.5 1.5 32 0.0022	 <0.5 <0.0] <0.0] <0.0] 3.6 <0.0] 3.0 5.8 5.8 	18 <0.01 <0.01 <0.03 <0.03 <0.03 <0.03 <0.014 <0.014 <0.015 <0.014 <0.012 <0.012 <0.013 <0.013 <0.037 <0.013 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
/12/03	423 6.3 218	0.16 <4.0 57 3.2 3.2 40.1 390 390 380 0.74 24 24 24	 <0.01 25 25 27 27 53 	v	\mathcal{O} \mathcal{O} \mathcal{O} \mathcal{O}
2/18/02 3	410 8 506	0.56 4.5 <0.1 64 64 3.2 <0.1 65.2 250 730 0.52 0.52 26 26 26	 <0.01 <0.01 <0.041 <0.041<		
9/24/02 11	377 8.9 12.7 999	0.32 18 <0.1 87 87 3.3 3.3 3.3 0.14 0.14 3.3 2.30 5.3 1.7 1.7 1.7 3.2 0.0035	<0.5 <0.01 170 48 6.3 53 5.3 5.3 5.3 5.3 5.3 5.3		
6/17/02	415 7.39 9.3 501	0.33 <4.0 <0.1 75 0.1 8.4 8.4 8.4 8.4 250 340 360 1.2 31 0.0087	 <0.5 <0.5 <0.01 26 0.014 26 6.6 6.6 		
3/28/02	435 7.15 7.4 460	0.17 <4.0 <4.0 <4.0 290 3.2 3.2 3.2 3.2 0.16 0.16 0.16 4.60 0.45 2.9 0.45 2.9	 <0.5 <0.01 <0.01 39 34 34 34 55 	12 <0.01 0.019 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.024	\$ 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
12/1/01	408 7.39 8.2 466	0.21 <4.0 <4.0 <0.1 75 3.3 600 0.17 8.6 0.01 8.6 0.01 430 390 0.7 32 32	 <0.5 <0.01 <0.01 <0.01 <0.011 28 <0.011 28 43 43 	12 <0.01 0.016 0.016</0.016</0.016</0.016</0.0116</0.002</0.0016</0.0016</0.0016</0.0016</0.0017</0.0017</0.0017</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0.0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012</0012<</td <td>$\begin{array}{c} & & & \\ & & & & \\ & & &$</td>	$\begin{array}{c} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & &$
9/1/01	390 6.65 11.4 241	0.39 4.2 0.12 72 3.6 3.6 3.1 3.1 3.1 240 240 240 1 1 29 <0.002	<0.5 <0.01 120 30 0.012 29 29 7.2 33		
6/1/01	365 6.94 11.9 704	0.3 <4.0 0.17 1120 3.2 2.9 2.9 2.9 2.9 2.9 2.9 380 380 380 380 380 300 1.3 300	<0.5 <0.01 88 88 88 88 0.012 1.1 4.2 48		
3/1/01	419 7.2 6.1 999	0.28 -0.1 96 3.4 4.2 -0.1 -4.2 -2.30 360 1200 1200 -1 -35 -0.002	 <0.01 300 300 310 300 310 5 55 		
12/1/00	411 7.28 8.2 999	0.15 <4.0 <4.0 <0.1 <0.1 <1.20 3.3 3.3 4.7 280 400 700 1.7 36 <0.002	 <0.01 180 56 60 60 7.3 53 		
9/1/00	411 6.96 11 999	0.3 2.1 160 3.3 400 400 400 420 420 420 420 1.4 1.4 1.4 31 31	 <0.5 <0.01 <	 <0.01 0.048 0.048 0.01 0.03 0.01 0.024 0.024 0.024 0.024 0.024 0.01 0.024 0.01 0.024 0.024 0.024 0.024 0.01 0.024 0.0	\$ 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0 5.0
6/1/00	4 14 6.89 9.8 999	0.14 5.6 0.15 74 3.3 3.3 6.0 1 8.5 8.5 240 390 610 0.97 32 0.0022	 <0.5 <0.01 160 37 <0.01 48 46 46 46 		
3/1/00	413 7.11 6.4 999	 <0.3 <1.7 <2.6 <1.2 <1.2 <1.2 <1.2 <1.2 <1.2 <1.3 <1.3 <1.4 <1.5 <1.5<td> <0.005 13.8 14.3 0.008 29.4 1.6 2.4 4.6 </td><td></td><td></td>	 <0.005 13.8 14.3 0.008 29.4 1.6 2.4 4.6 		
12/1/99	411 7.31 7.4 999	 <0.3 <0.3 <2.0 <2.0<td> <0.005 138 26.8 0.017 35.2 1.9 41.7 </td><td></td><td></td>	 <0.005 138 26.8 0.017 35.2 1.9 41.7 		
66/1/6	369 7.23 12.9 659	 <0.3 3.9 3.9 3.9 <2.0 2.0 2.0 4.1 12 1400 1400 360 360<td><pre><0.005 142 142 28.2 0.011 29.8 1.7 2.3 30</pre></td><td></td><td></td>	<pre><0.005 142 142 28.2 0.011 29.8 1.7 2.3 30</pre>		
66/1/9	398 7.32 1 4.6 324	<pre><0.5</pre> <0.5<0.2<0.2<0.2<0.1<0.1<0.0<0.0<0.0<0.0<0.0<0.0<0.0<0.0<0.0<0.0<0.0<0.00<0.00<0.00<0.00<0.00 <p< td=""><td> <0.1 <0.0053 <0.0053 <142 <142 <142 <142 <135 <</td><td>23.9 23.9 20.015 20.01 0.201 0.03 0.0392 20.002 20.002 20.002 20.002 20.01 20.01 0.047 0.047 0.184</td><td>\$ 5 5 5 0 5 0 5 0 5 0 0 5 0 5 0 0 5 0 5</td></p<>	 <0.1 <0.0053 <0.0053 <142 <142 <142 <142 <135 <	23.9 23.9 20.015 20.01 0.201 0.03 0.0392 20.002 20.002 20.002 20.002 20.01 20.01 0.047 0.047 0.184	\$ 5 5 5 0 5 0 5 0 5 0 0 5 0 5 0 0 5 0 5
3/1/99	485 7,67 5.8 999	<0.5 <4.0 <4.0 <0.2 <0.2 <0.2 <2.3 <2.3 <2.3 <2.3 <2.8 <2.8 <2.8 <2.8 <2.8 <2.8 <2.8 <2.0 <2.8 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0 <2.0	0.0088 307 85.3 85.3 0.0381 83.9 83.9 83.9 83.9 83.9 83.9 83.9 83.9		
Parameter	Field Parameters Conductivity (µmhos/cm) pH (s.u.) Temperature (deg C) Turbidity (NTU)	Part 360 Leachate Indicator Parameters Ammonia-Nitrogen (mg/L) Biochemical Oxygen Demand (BOD5) (mg/L) Bromide (mg/L) Chemical Oxygen Demand (mg/L) Chloride (mg/L) Color (Pt-Co) Nitrate-Nitrogen (mg/L) Sulfate (mg/L) Total Alkalinity (mg/L) Total Alkalinity (mg/L) Total Dissolved Solids (mg/L) Total Dissolved Solids (mg/L) Total Netheness (mg/L) Total Alkalinity (mg/L) Total Dissolved Solids (mg/L) Total Alkalinity (mg/L) Total Alkalinity (mg/L) Total Dissolved Solids (mg/L) Total Phenols (mg/L)	Part 360 Routine Metals Boron (mg/L) Cadmium (mg/L) Calcium (mg/L) Iron (mg/L) Lead (mg/L) Magnesium (mg/L) Manganese (mg/L) Potassium (mg/L) Sodium (mg/L)	Part 360 Additional Baseline Metals Aluminum (mg/L) Antimony (mg/L) Arsenic (mg/L) Beryllium (mg/L) Beryllium (mg/L) Chromium (mg/L) Chromium (mg/L) Cobalt (mg/L) Coper (mg/L) Mercury (mg/L) Nickel (mg/L) Sclenium (mg/L) Silver (mg/L) Silver (mg/L) Varaadium (mg/L) Silver (mg/L) Thallium (mg/L) Silver (mg/L) Tanalium (mg/L) Silver (mg/L) Tanalium (mg/L) Varaadium (mg/L) Zinc (mg/L)	Part 360 Volatile Organics1,1,1.2.Tetrachloroethane (µg/L)1,1,1.2.Tetrachloroethane (µg/L)1,1,2.2.Tetrachloroethane (µg/L)1,1,2.2.Tichloroethane (µg/L)1,1.1.Dichloroethane (µg/L)1,1.2.3.Trichloroethane (µg/L)1,2.3.Trichloropropane (µg/L)1,2.2.1bromo-3-chloropropane (µg/L)1,2.2.1bromo-3-chloropropane (µg/L)1,2.2.1bromoethane (µg/L)1,2.2.1bromoethane (µg/L)

City of Rome Tannery Road Landfill Mw-95 Ground Water Analytical Data

City of Rome Tannery Road Landfill MW-95 Ground Water Analytical Data

3/1/00

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NYSDEC Ground Water Standard	0.6		ŝ	5	ŝ	50 (GV)	50 (GV)	NS	50 (GV)	5	1	5	50 (GV)	50 (GV)	5	60 (GV)	5	5	5	7	5	5	0.4**	50 (GV)	5	5	5	5	5	5	5	5	0.4**	5	5	5	NS	2	5		
9/28/04	7	. 2	;		$\overline{\nabla}$	<10	<10	<10	<10	Ŝ	7	7	7	7	7	7	7	7	2	2	7	7	7	2	7	7	<10	<10	2	7	7	7	7	<10	2	7	ŝ	₽	2		
6/22/04																																									
3/23/04																																									
12/16/03																																									
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6/25/03	ر 5	9 4 <u>5</u>	2		ŝ	<10	<10	<10	<10	<20	5.	ŝ	ŝ	<5	<5	<5 <5	<5	ŝ	<5 <5	<5	ŝ	ŝ	<5	<5	<5	<5	<10	<10	55	<5 <5	<5 <5	\$5	€ 5	<10	<5 <5	<5 <5	<20	₹5	~2 ~2		
3/12/03	<u>ر</u> ۶) \	9			<10	<10	<10	<10		Ş		ŝ	ŝ	ŝ	\$	Ş	Ş	€5	ŝ	ŝ		ŝ	Ş		ŝ		<10	ŝ	Ŷ	Ş		<5		Ş			Ş	Ŷ	ŝ	
12/18/02																																									
9/24/02																																									
6/17/02																																									
3/28/02	<50	2 C S			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<10.0	<5.0	<5.0	<20.0	<5.0	<5.0		
12/1/01	<50	<50 <50			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	<5.0	<20.0	<5.0	<5.0		
9/1/01																																									
6/1/01																																									
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00/1/6	<50	<5.0 <5.0			<5.0	<10.0	<10.0	<10.0	<10.0	<20.0	<5.0	<5.0		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<20.0	<10.0	<5.0	<5.0	<5.0	<5.0	<5.0	<50.0	<5.0	<5.0	<20.0	<5.0	<5.0		
6/1/00																																									

2 of 2

Parameter	3/1/99	6/1/9	66/1/6	12/1
1,2-Dichloroethane ($\mu g/L$)		<5.0		
1,2-Dichloropropane (µg/L)		<5.0		
1,3-Dichlorobenzene ($\mu g/L$)		<5.0		
1,4-Dichloro-2-butene (µg/L)		<10.0		
1,4-Dichlorobenzene (μg/L)		<5.0		
2-Butanone (MEK) (ug/L)		<10.0		
2-Hexanone ($\mu g/L$)		<10.0		
4-Metnyl 2-pentanone (µg/L) Acetone (µø/L)		<10.0		
Acrylonitrile (ug/L)		<100.0		
Benzene ($\mu g/L$)		<5.0		
Bromochloromethane (ug/L)		<5.0		
Bromodichloromethane (ug/L)		<5.0		
Bromoform (µg/L)		<5.0		
Bromomethane (ug/L)		<5.0		
Carbon disulfide (µg/L)		<5.0		
Carbon tetrachloride ($\mu g/L$)		<5.0		
Chlorobenzene ($\mu g/L$)		<5.0		
Chloroethane ($\mu g/L$)		<5.0		
Chloroform (µg/L)		<5.0		
Chloromethane ($\mu g/L$)		<5.0		
cis-1,2-Dichloroethene (µg/L)		<5.0		
cis-1,3-Dichloropropene (ug/L)		<5.0		
Dibromochloromethane ($\mu g/L$)		<5.0		
Dibromonethane ($\mu g/L$)		<5.0		
Ethyl benzene (µg/L)		≤5.0		
Iodomethane ($\mu g/L$)		<5.0		
Methylene Chloride (µg/L)		<5.0		
Styrene (ug/L)				
Tetrachloroethene ($\mu g/L$)		<5.0		
Toluene (ug/L)		<5.0		
trans-1,2-Dichloroethene (ug/L)		<5.0		
trans-1,3-Dichloropropene (ug/L)		<5.0		
trans-1,4-Dichloro-2-butene (µg/L)				
Trichloroethene ($\mu g/L$)		<5.0		
Trichlorofluoromethane ($\mu g/L$)		<5.0		
Vinyl Acetate (µg/L)		<50.0		
Vinyl Chloride (µg/L)		<5.0		
Xylenes (Total) (µg/L)		<5.0		
1,2-Dichloroethene - Total				

Notes

indicates not detected at or above the fisted value
 NS indicates that no standard has been promulgated.
 NS indicates that the sum of these two analytes may not exceed 500 µg/L.
 indicates that the value listed is a guidance value rather than a standard.
 Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
 ** Indicates standard applies to the sum of the isomers

City of Rome	Tannery Road Landfill	Leachate Well MW-10	A polydical Data
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									Analytic	al Data			
Parameter	3/28/02	6/17/02	9/24/02	12/18/02	3/12/03	6/25/03	9/17/03	12/16/03	3/23/04	6/22/04	9/28/04	NYSDEC Ground Water Standard	
Field Parameters Conductivity (umhos/cm)	4,940	4,970	5,440	3,780	4,050	4,810	5,600	4,300	4,810	5,990	3,480	SN	
pH (s.u.)	6.48	6.63	7		6.6	6.5	6.78	6.4	6.59	6.14	6.22	6.5 - 8.5	
Temperature (deg C)	12.8	15.2	17.2	10.4	7.6	19.7	15.8	б	12.8	16	16.8 7	SN	
Turbidity (NTU)	356	183	585	164	20/	383	41	430	189	2	5	n	
Part 360 Leachate Indicator Parameters													
Ammonia-Nitrogen (mg/L)	200	260	270	200	280	280 33	270	230	380 10	350 35	160	2	
Biochemical Oxygen Demand (BOD5) (mg/L)	38	54	46	34	0£	50 50	36	64 6	78 78	Z S	ר <mark>ה</mark>	SZ (
Bromide (mg/L) Chemical Oxygen Demand (mg/L)	0.7 420	у 750	700	۲.1 ۲0	340	2.5 490	3.0	020	300	470	060	2 NS	
Chloride (med.)	440	430	007tc	380	200	450	550	260	450	009	280	250	
Color (Pt-Co)	1,400					600					950	15	
Nitrate-Nitrogen (mg/L)	<0.1	0.16	0.17	<0.1	<0.1	0.15	0.76	0.54	<0.1	<0.1	0.2	10	
Sulfate (mg/L)	2.9	2.2	3.6	2.2	2.3	2.5	~	2.3	3.6	1.4	2.1	250	
Total Alkalinity (mg/L)	1,700	1,900	2,200	1,500	1,600	1,800 2.01	2,000	1,500	2,000	2,100	1,900	SN	
Total Cyanide (mg/L)	<0.01	001.0	005	1 500	007 1	-0.0>	003 0	000 F	000 0			0.2	
I otal Dissolved Solids (mg/L) Total Hardness (ma/L)	1,900 580	2,100 580	600	1,200 180	1,400 550	z,zuu		430	700	2,400 500	480	00C	
Total Manuess (IIB/L) Total Kieldahl Nitrogen (mg/L)	060	000	060	720	280	300	330	350	330	380	092	SN	
Total Organic Carbon (mg/L)	160	150	230	66	120	120	230	110	180	240	75	SN	
Total Phenols (mg/L)	0.016	0.02	0.015	0.026	<0.002	0.015	0.013	0.017	0.017	0.021	0.02	0.001	
Part 360 Routine Metals													
Roron (me/L)	2.5	2.7	3.7			3.4	4.4	1.6	3.8		1.7	1	
Cadmium (mg/L)	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.0>	<0.01	<0.01	<0.01	<0.01	0.005	
Calcium (mg/L)	120	120	140	100	011	150	150	91	120	110	110	NS	
Iron (mg/L)	62	09	70	48	58	61	68	52	38	47	49	0.3*	
Lead (mg/L)	0.049	0.031	0.04	0.022	0.041	<0.01	0.014	0.022	0.028	<0.01	<0.01	0.025	
Magnesium (mg/L)	68	67	83	53	65	94	100	20	96	75	33	35 (GV)	
Manganese (mg/L)	1.3	1.5	2.4	1.6	1.5	1.7	2.7	1.3	0.74	1.5	1.6	0.3*	
Potassium (mg/L)	190	200	340	180 250	230	230	410	220	350	330	320	SN	
Sodium (mg/L)	430	460	009	250	270	420	630	250	200		230	50	
Part 360 Additional Baseline Metals													
Aluminum (mg/L)	2.4					0.9					0.28	NS	
Antimony (mg/L)	<0.01					<0.01					0.012	0.003	
Arsenic (mg/L)	0.02					0.038					0.022	0.025	
Barium (mg/L)	<0.2					0.32					0.25	1	
Beryllium (mg/L)	<0.01					<0.01 0.010					10.0 10.0	0.003 (GV) 0.05	
Chromitum (mg/h) Chromitum Housedart (moff)	10.0					0.010						0.05	
Curomium, nexavarem (mg/r) Cobalt (mo/l.)	0.017					0.017					<0.02	SN	
Copper (mg/L)	0.052					0.013					<0.01	0.2	
Mercury (mg/L)	0.0002					<0.0002					<0.0002	0.0007	
Nickel (mg/L)	0.062					0.049					0.024	0.1	
Selenium (mg/L)	<0.01					<0.01					<0.01	0.01	
Silver (mg/L)	<0.01					<0.01					<0.01	0.05	
Thallium (mg/L)	<0.01					<0.01					<0.01	0.0005 (GV)	
Vanadium (mg/L)	<0.01					0.012					0.013	SN	
Zinc (mg/L)	or.n										0.033	4	
Part 360 Volatile Organics													
1,1,1,2-Tetrachloroethane ($\mu g/L$)	<5.0					ŝ					7	5	
1,1,1-Trichloroethane $(\mu g/L)$	<5.0				Ŷ,	տր տ					7	v, v	
1,1,2,2-Tetrachloroethane (µg/L)	0.0				۷ ۹	₽ ¹					⊽ ₹	0 •	
1,1,2-Trichloroethane ($\mu g/L$)	<5.0				0	Ŝ					V	_	

City of Rome Tannery Road Landfill Leachate Well MW-10 Analytical Data

NYSDEC Ground Water	Standard	n v	0.04	0.04	5	3	0.6	1	3	50 (GV)	50 (GV)	NS	50 (GV)	5	1	5	50 (GV)	50 (GV)	5	60 (GV)	5	5	5	L	5	5	0.4**	50 (GV)	5	5	5	5	5	5	5	5	0.4**	5	5	5 S	SN	7 1	n	
9/28/04	Ţ	7 7	7	7	2	2	7	2	3.7	<10	¢10	<10	<10	ŝ	5	2	2	2	7	7	Ÿ	4.1	22	Ž	2	7	7	2	Ţ.	7	<10	<10	2	2	7	7	7	<10	7	۰ ۲	ΰ,	⊽ 8	63	
6/22/04																																												
3/23/04																																												
12/16/03																																												
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6/25/03	ų	рų	ç, rç	ŝ	~2 ~	<5 <5	ŝ	ŝ	ŝ	<10	<10	<10	13	<20	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	ŝ	22	ŝ	ŝ	ŝ	ŝ	~2 ~	ŝ	ŝ	<10	<10	ŝ	°5 ∼	ъ	ŝ	ŝ	<10	ŝ	ΰ	05° '	€ 8	28	
3/12/03	ų	0 4	7				Q	Ŷ		<10	<10		28		5.7		Ś	Ŷ	Q	Ś	Ŷ	Ś	33	Ŷ	Ś		Ś	Ś		Ŷ		<10	Q	Ŷ	Ŷ		Ś		Q		ι	03	\$ 5	ł
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6/17/02	
3/28/02	

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1,1-Dichloroethane (µg/L) 11-Dichloroethene (µs/L)	1,2,3-Trichloropropane (ug/L)	1,2-Dibromoethane (EDB) (μg/L)	1,2-Dichlorobenzene (µg/L) 1-2-Dichloroethane (µo/L)	1,2-Dichloropropane (µg/L)	1,4-Dichlorobenzene (μ g/L)	2-Butanone (MEK) (µg/L)	2-Hexanone (µg/L)	4-internyl z-pentanone (μg/L) Acetone (μg/L)	Acrylonitrile (µg/L)	Benzene (µg/L)	Bromochloromethane (μ g/L)	Bromodichloromethane (μ g/L)	Bromoform (µg/L)	Bromomethane ($\mu g/L$)	Carbon disultide (µg/L)	Calour teu activorae (48/12) Chlorohenzene (118/1.)	Chloroethane (ug/L)	Chloroform (µg/L)	Chloromethane $(\mu g/L)$	cis-1,2-Dichloroethene (μ g/L)	cis-1,3-Dichloropropene (µg/L)	Dibromochloromethane (µg/L) Dibromomethane (µg/L)	Ethyl benzene (ue/L)	Iodomethane ($\mu g/L$)	Methylene Chloride (µg/L)	Styrene ($\mu g/L$)	Tetrachloroethene ($\mu g/L$)	Toluene (ug/L)	trans-1,2-Dichloroetnene (µg/L) trans-1 3-Dichloromonene (µg/L)	trans-1.4-Dichloro-2-butene (ug/)	Trichloroethene (ug/L)	Trichlorofluoromethane (μ g/L)	Vinyl Acetate $(\mu g/L)^2$	Vinyl Chloride (ug/L)

Notes
1) < indicates not detected at or above the listed value
2) NS indicates that no standard has been promulgated.
3) * indicates that the sum of these two analytes may not exceed 500 μg/L.
4) GV indicates that the value listed is a guidance value rather than a standard.
5) Values in bold exceeded the applicable NYSDEC ground water standard/guidance value.
6) ** Indicates standard applies to the sum of the isomers

City of Rome Tannery Road Landfill Leachate Well MW-12 Analytical Data

| Parameter | 3/1/99 | 6(1/)9 | 66/1/6 | 12/1/99
 | 3/1/00 6 | /1/00 9 | 1/00 12 | 1/00 3/1 | /01 6/1

 | /1/6 10/ | 01 12/1/ | 01 3/28/
 | 02 6/17/0 | 02 9/24/
 | 02 12/18/ | 02 3/12/0 | 3 6/25/0 | 3 9/17/0 | 3 12/16/0 | 3/23/04 | 6/22/04 | 9/28/04 | NYSDE
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Field Parameters Conductivity (µmhos/cm) pH (s.u.) Temperature (deg C) Turbidity (NTU)	3.400 6.12 228
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| Part 360 Leachate Indicator Parameters
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Chenide (mg/L)
Choride (mg/L)
Choride (mg/L)
Color (Pt-Co)
Nitrate-Nitrogen (mg/L)
Sulfate (mg/L)
Total Alkalinity (mg/L)
Total Alkalinity (mg/L)
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| Part 360 Volatile Organics 1,1,2-Tetachlorcethane (μg/L) 1,1,1,2-Trichlorcethane (μg/L) 1,1,2,2-Tetrachlorcethane (μg/L) 1,1,2,2-Trichlorocthane (μg/L) 1,1,2,2-Trichlorocthane (μg/L) 1,1,1-Dichlorocthane (μg/L) 1,1,1-Dichlorocthane (μg/L) 1,1,2,2-Trichloroptopane (μg/L) 1,2-Dibromo-3-chloroptopane (μg/L) 1,2-Dibromo-entane (μg/L) 1,2-Dichloroptopane (μg/L) 1,2-Dichloroptopane (μg/L) 1,2-Dichloroptopane (μg/L) 1,2-Dichlorobenzzene (μg/L) 1,2-Dichlorobenzzene (μg/L) 1,2-Dichlorobenzzene (μg/L) 1,2-Dichlorobenzzene (μg/L) 1,2-Dichlorobenzene (μg/L) 1,2-Dichlorobenzene (μg/L) 1,3-Dichlorobenzene (μg/L) 1,4-Dichlorobenzene (μg/L) 1,4-Dichlorobenzene (μg/L) 1,4-Dichlorobenzene (μg/L) 1,4-Dichlorobenzene (μg/L) 2-Hexanone (μg/L) 2-Hexanone (μg/L) | | $ \begin{array}{c} & & & & & & & & & & & & & & & & & & &$ | |
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City of Rome Tannery Road Landfill Leachate Well MW-12 Analytical Data

3/1/00

NYSDEC Ground Water Standard	50 (GV)	, s	L	5	50 (GV)	50 (GV)	. vî	60 (GV)	. Y	S	\$	7	5	5	0.4**	50 (GV)	S.	2	5	5	5	5	5	2	0.4**	5	s.	Ŷ	NS	2	5							
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6/17/02																										,							inter lister	is been prom	two analyte	d is a guidan	dicable NYS the sum of th	
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9/1/01																																	1) ~ indic	2) NS ind	3) * indic	4) GV ind	5) Values 6) ** Indi	
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6/1/00																																						

2 of 2

Parameter	3/1/99	6/1/99	6/1/6	12/1/99
Acctone (µg/L)		<10.0		
Acrylonitrile ($\mu g/L$)		<100.0		
Benzene (µg/L)		10		
Bromochloromethane (µg/L)		€.0		
Bromodichloromethane (ug/L)		<5.0		
Bromoform (µg/L)		€.0		
Bromomethane ($\mu g/L$)		<5.0		
Carbon disulfide ($\mu g/L$)		<68		
Carbon tetrachloride (µg/L)		≪5.0		
Chlorobenzene ($\mu g/L$)		≤5.0		
Chlorocthane (µg/L)		≤5.0		
Chloroform (µg/L)		€.0		
Chloromethane ($\mu g/L$)		<5.0		
cis-1,2-Dichloroethene (µg/L)		<5.0		
cis-1,3-Dichloropropene (ug/L)		<5.0		
Dibromochloromethane (µg/L.)		€.0		
Dibromomethane ($\mu g/L$)		≤5.0		
Ethyl benzene (ug/L)		2		
lodomethane $(\mu g/L)$		<5.0		
Methylene Chloride (µg/L)		<5.0		
Styrene (µg/L)				
Tetrachloroethene (ug/L)		<5.0		
Toluene (ug/L)		€.0		
trans-1,2-Dichloroethene ($\mu g/L$)		€.0		
trans-1,3-Dichloropropene (µg/L)		≤5.0		
trans-1,4-Dichloro-2-butene ($\mu g/L$)				
Trichloroethene ($\mu g/L$)		≤5.0		
Trichlorofluoromethane (μ g/L)		0.0		
Vinyl Acetate ($\mu g/L$)		<50.0		
Vinyl Chloride (µg/L)		<5.0		
Xylenes (Total) (µg/L)		15		
1,2-Dichloroethene - Total				

Notes

FIGURES
