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report.hw915053_____.2003_-06-01.IRM MONITORING AND MAINTENANCE REPORT.pdf

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Municipal Brownfields - b
Superfund - hw
Spills - sp
ERP - e
VCP - v
BCP - c

non-releasable - put .nf.pdf
Example: letter.sp9875693.1998-01.Filespillfile.nf.pdf

IRM MONITORING AND MAINTENANCE REPORT JUNE 10, 2003 SAMPLE EVENT

STRIPPIT, INC. AKRON, NEW YORK NYSDEC SITE NUMBER 9-15-053

Prepared by: Day Environmental, Inc.
40 Commercial Street
Rochester, New York 14614-1008

Prepared for: Strippit, Inc.
12975 Clarence Center Road
Akron, New York 14001

Date: June 2003

Project No.: 1863R-99

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1.0 INTRODUCTION

Strippit, Inc., (Strippit), has implemented an Interim Remedial Measure (IRM) approved by the New York State Department of Environmental Conservation (NYSDEC) at a former disposal area (Site) located south of their facility at 12975 Clarence Center Road in Akron, New York (see Locus Plan, Figure 1). As outlined in the NYSDEC's March 1995 Record of Decision (ROD), post-closure monitoring and maintenance is required at the Site to evaluate the effectiveness of the IRM. Specific post-closure monitoring and maintenance requirements are described in a document prepared by Day Engineering, P.C. titled *Post-Closure Monitoring and Maintenance Plan; Interim Remedial Measure; Strippit, inc.; Akron, New York* dated February 1995. This plan was reviewed and approved by the NYSDEC prior to implementation.

In accordance with a June 24, 1998 letter by the NYSDEC, the frequency of groundwater sampling was reduced from quarterly to bi-annually.

In accordance with a August 21, 2002 letter by the NYSDEC, the testing program outlined in the February 1995 plan was modified to include testing for the following parameters:

- Indicator Parameters: pH, specific conductance, turbidity and temperature
- Total barium, iron, magnesium and manganese
- Total Phenols

This submittal presents the results of the bi-annual groundwater sampling and monitoring conducted on June 10, 2003.

2.0 GROUNDWATER SAMPLING PROCEDURES

Groundwater samples were collected in general accordance with the procedures outlined in the approved post-closure monitoring and maintenance plan. A site plan, showing the location of the monitoring wells is included as Figure 2. Groundwater sampling initially included the measurement of static water levels in each of the wells (designated GW-1 through GW-5) followed by the purging of the wells to remove approximately 3 well volumes (or until wells were dry). The wells were then allowed to recover so that "fresh" water was retained for testing. Groundwater samples were collected for testing using a dedicated bailer, which is permanently stored above the water within each well casing.

A portion of the groundwater collected from each well was tested in the field for the following parameters using the equipment listed below.

- Specific conductance, temperature and turbidity: Horiba U-22 Multi-Parameter Water Quality Monitoring System.

In addition to the field-testing, samples were also collected for analytical laboratory testing. These samples were placed in pre-cleaned sample containers provided by the analytical laboratory. The analytical laboratory also provided necessary preservatives, which were added to the containers before they were returned to the laboratory.

The sample containers were filled by placing approximately equal amounts of sample from the bailer into each container until the container was filled. When the containers were filled they were placed in a plastic cooler containing ice and stored in a locked field vehicle until they were delivered to Paradigm Environmental Services, Inc. (Paradigm) for analytical laboratory testing. Chain-of-custody documentation was maintained throughout the sample collection process. Copies of the executed chain-of-custody forms for the June 10, 2003 sample round are included with the test results in Appendix A.

Executed copies of the monitoring well sample logs for the June 10, 2003 sample round are included in Appendix B. These logs summarize in-situ measurements, groundwater depths, purging information and other relative data.

3.0 GROUNDWATER ELEVATIONS

During the sample round, the depth to groundwater was measured from a monitoring point elevation established on the top of each well casing using an electronic tape water level indicator. The groundwater depths and elevations measured during the June 10, 2003 sample round are presented in the following table.

WELL	TOP OF CASING ELEVATION (ft.)	DEPTH TO WATER (ft.)	GROUNDWATER ELEVATION (ft.)
GW-1	754.32	40.65	713.67
GW-2	770.62	51.10	719.52
GW-3	742.59	33.44	709.15
GW-4	752.24	37.48	714.76
GW-5	771.26	52.05	719.21

A groundwater contour map developed based upon the groundwater elevations calculated using the measurements obtained during the June 10, 2003 sample round is included as Figure 3.

4.0 ANALYTICAL LABORATORY RESULTS

During the June 10, 2003 sample round, groundwater samples were collected from each of the five monitoring wells (i.e., GW-1 through GW-5). A duplicate sample, designated "DUPE", was collected from monitoring well GW-4. All samples were analyzed by Paradigm for the following parameters.

- Total Barium, Iron, Magnesium and Manganese via USEPA method 6010, Total Phenolics via USPEA method 420.1; and pH via USEPA method 150.1.

A copy of Paradigm's report summarizing the test results for the samples collected on June 10, 2003 is included in Appendix A. A historic summary of the parameters detected within the groundwater samples collected from the monitoring wells at the Site is presented in Appendix C.

5.0 SITE INSPECTION REPORT

A copy of the site inspection report completed during the June 10, 2003 sample round is included in Appendix D.

6.0 DISCUSSION

Groundwater level measurements made during the June 10, 2003 sample round indicate that groundwater flow is generally to the northwest. This flow direction is similar to that determined during previous sample rounds; however, groundwater elevations measured in the wells during the June 10, 2003 sample round range from about 1.2 to 1.7 feet higher than those measured during the most recent monitoring event conducted on March 12, 2003.

A majority of the parameters detected in the samples collected during the June 10, 2003 sample event were measured at concentrations below Class GA standards established in 6 NYCRR Part 700-705 for potable groundwater supplies. The concentrations measured in the following samples exceeded these standards:

- Total iron (NYSDEC standard of 0.3 ppm): GW-2, GW-3, GW-4, and GW-5;
- total iron and manganese (NYSDEC standard of 0.5 ppm): GW-2, GW-3, GW-4, and GW-5; and
- total magnesium (NYSDEC standard of 35.0 ppm): GW-1.

The pH values measured in the upgradient monitoring wells GW-2 (10.6 s.u.) and GW-5 (10.6 s.u.) are above the NYSDEC standard of 8.5 s.u. Downgradient monitoring wells GW-1 (9.02) and GW-4 (9.56) are also above the NYSDEC standard, and downgradient monitoring well GW-3 (7.78) is within normal range. [Note: As stated in previous reports, pH values will continue to be monitored and evaluated statistically for potential increases.]

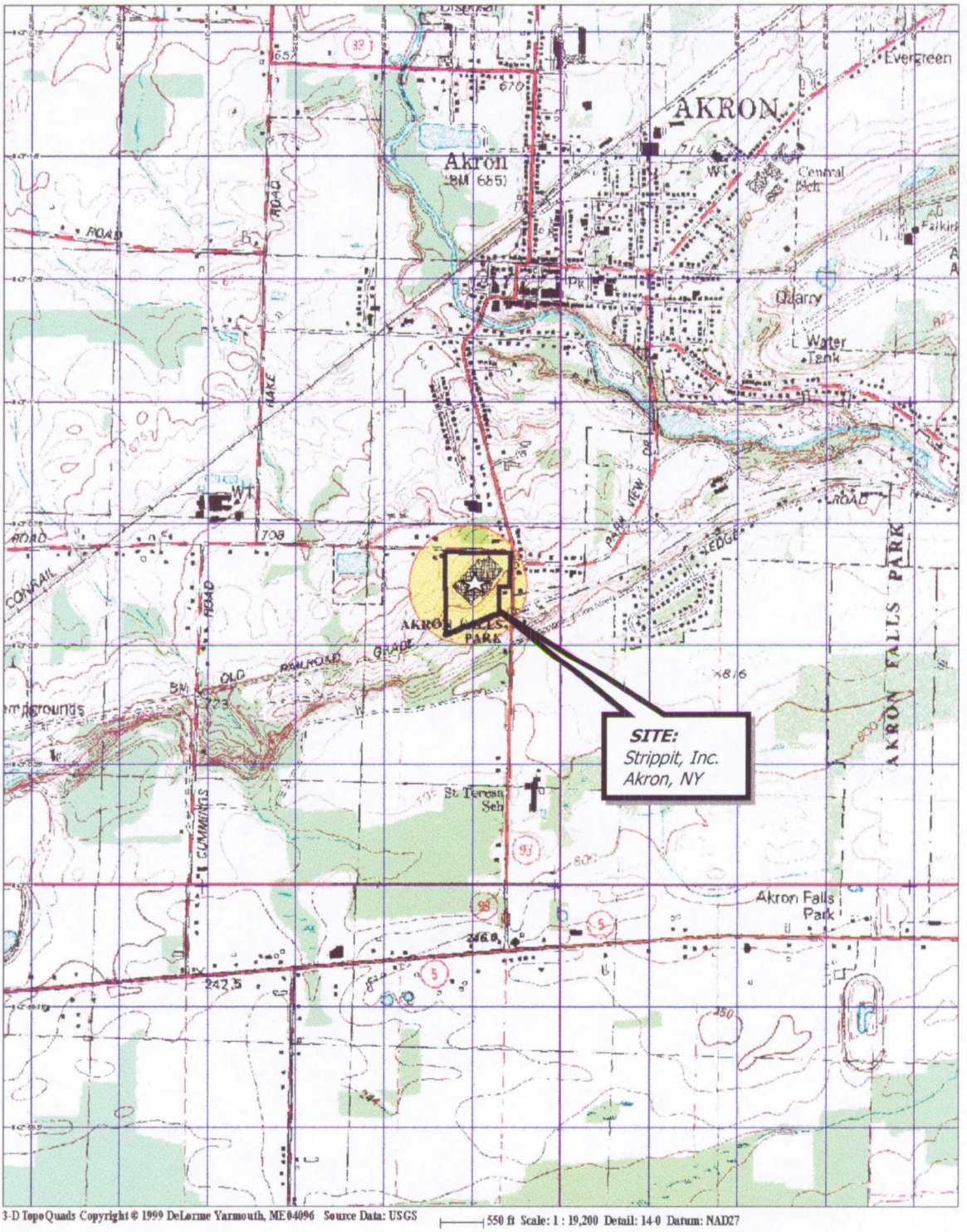
With the exception of the apparent pH impact discussed up above, trends of groundwater degradation were not identified based upon a review of the data collected during the June 10, 2003 sampling event. As discussed in the Summary Report dated August 2002, the concentration of total magnesium in the monitoring wells does not appear to be increasing. Rather, the concentrations have been consistent and/or decreasing (including MW-1).

No apparent deficiencies requiring immediate repair were observed during the June 10, 2003 site visit; however, well caps are required for monitoring wells GW-1 and GW-3, and the padlocks need to be lubricated. During previous site visits, an apparent oil sheen was observed on the standing water located at or near the north face of the IRM closure area. Based on analytical testing of soil samples collected from test borings advanced in this area, the soil does not require remediation at this time (i.e., the soil samples tested were below NYSDEC standards).

The next scheduled monitoring event at the Site is on or about September 10, 2003 (i.e., this event will include measurement of water levels measurement of pH and observing the condition of the IRM closure). During the September 10, 2003 site visit, an area of sloughing on the north slope of the closure area that was identified during earlier site visits will be re-evaluated (i.e., after the vegetation on the cap has been cut down). If this sloughing appears to be deteriorating, remediation should be completed when weather permits. In addition, during the next sampling event, DAY will replace two well caps (GW-1 and GW-3) and replace/maintain padlocks, as necessary.

FIGURE 1

LOCUS PLAN

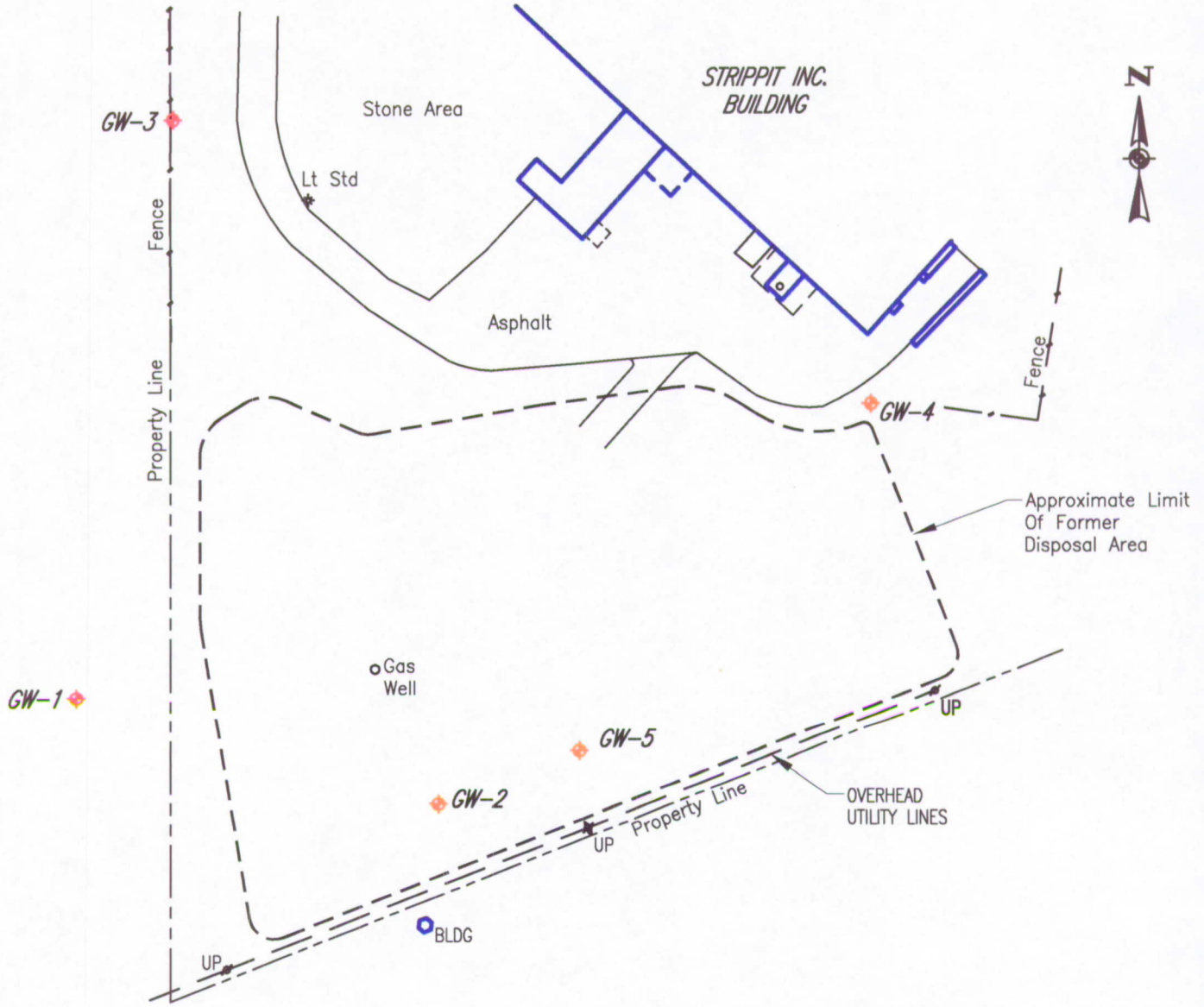


Drawing Produced From: 3-D TopoQuads, DeLorme Map Co., referencing USGS quad maps Wolcottsville (NY) 1995; Akron (NY) 1995; Lancaster (NY) 1982; & Corfu (NY) 1984. Site Lat/Long: N43d-0.6' – W78d-30.25'

DATE 01-28-2003 DRAWN BY Tww SCALE 1" = 2000'	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE STRIPPIT, INC. AKRON, NEW YORK GROUNDWATER MONITORING DRAWING TITLE PROJECT LOCUS MAP	PROJECT NO. 1863R-99 FIGURE 1

FIGURE 2

SITE PLAN



NOTES:

1. This drawing produced from a drawing provided by Deborah A. Naybor, PLS, PC. entitled "Topographic Map Of Part Of Lot 5, TWP. 12, Range 5, Section 6, Town Of Newstead, County Of Erie, New York" dated 3/4/93 & revised 3/26/93.
2. No boundary survey was performed by Deborah A. Naybor, PLS, PC.

LEGEND:

GW-1 Monitoring Well Designation

o Existing Gas Well

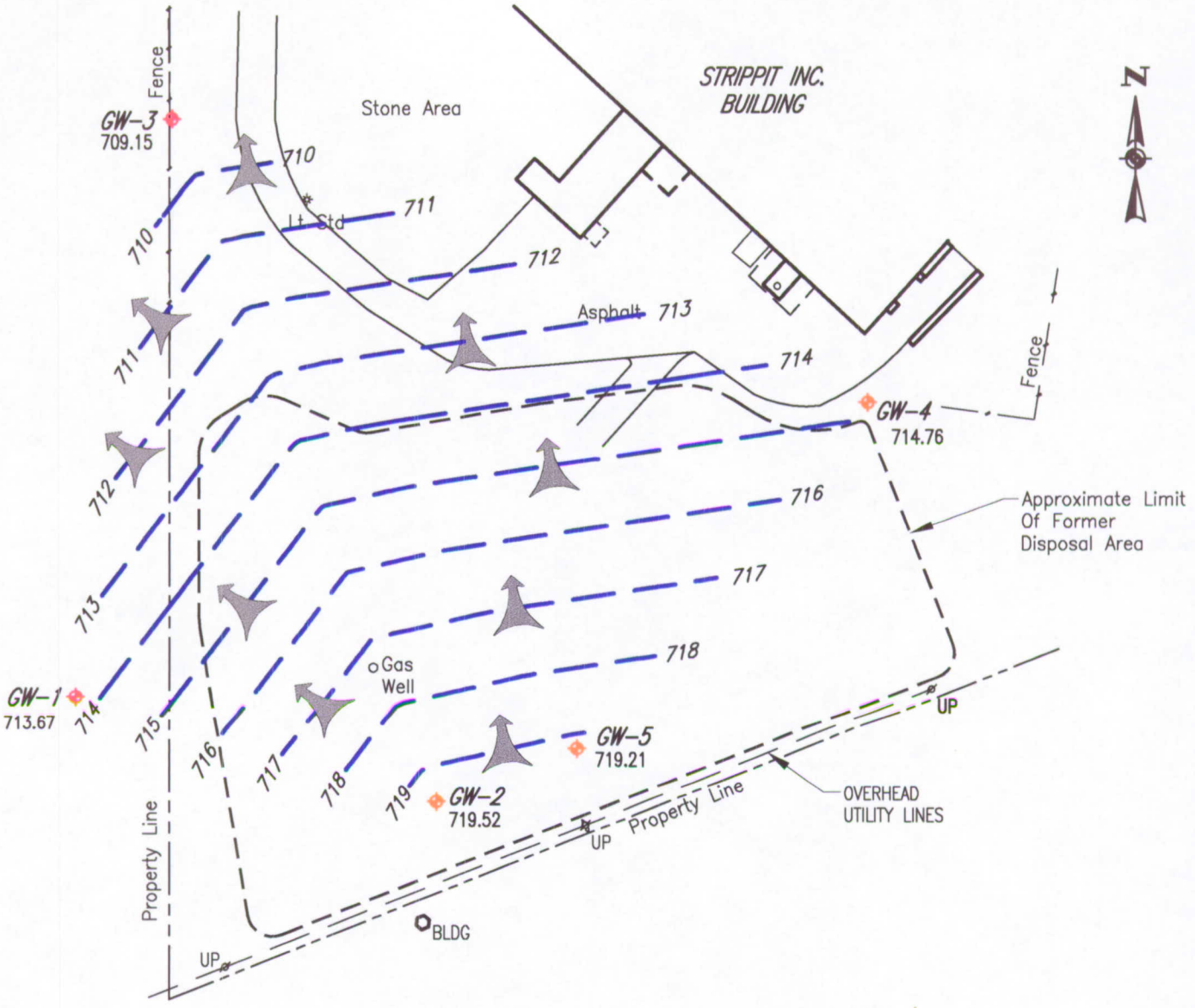
— — — — Approximate Limits Of Former Desposal Area

DATE 01-30-2003 DRAWN BY LRP SCALE 1"=100'	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE STRIPPIT, INC. AKRON, NEW YORK GROUNDWATER MONITORING DRAWING TITLE Site Location Map	PROJECT NO. 1863R-99 FIGURE 2

Ref1: Strip36.dwg Ref2: Ref3: Filename: Strip\Strip37.dwg
Time Printed: Thur Jan 30 09:12 2003

FIGURE 3

GROUNDWATER CONTOUR MAP



NOTES:

1. This drawing produced from a drawing provided by Deborah A. Naybor, PLS, PC. entitled "Topographic Map Of Part Of Lot 5, TWP. 12, Range 5, Section 6, Town Of Newstead, County Of Erie, New York" dated 3/4/93 & revised 3/26/93.
2. No boundary survey was performed by Deborah A. Naybor, PLS, PC.

LEGEND

GW-1 713.67 — Groundwater Monitoring Well With Groundwater Elevation Obtained On June 10, 2003.

Potentiometric Contour Line For 06-10-2003

Apparent Direction Of Groundwater Flow

DATE 06-18-2003	day DAY ENVIRONMENTAL, INC. ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008	PROJECT TITLE STRIPPIT, INC. AKRON, NEW YORK GROUNDWATER MONITORING	PROJECT NO. 1863R-99
DRAWN BY LRP		DRAWING TITLE Groundwater Potentiometric Contour Map For June 10, 2003	FIGURE 3
SCALE 1"=100'			

Ref1: Strip41.dwg Ref2: Ref3: Filename: Strip\Strip40.dwg
Time Printed: Wed Jun 18 11:32 2003

APPENDIX A

PARADIGM ENVIRONMENTAL SERVICES, INC. ANALYTICAL SERVICES REPORT & CHAIN-OF-CUSTODY DOCUMENTATION JUNE 10, 2003 SAMPLE ROUND

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: Strippit

Client Job No.: 1863R-00

Lab Project No.: 03-1508

Sample Type: Water
Method: EPA 150.1

Date(s) Sampled: 06/10/2003
Date Received: 06/10/2003
Date Analyzed: 06/10/2003

Laboratory Report for pH Analysis

Lab Sample No.	Field ID No.	Field Location	pH Results (S.U.)
5470	N/A	GW-1	9.02
5471	N/A	Gw-2	10.6
5472	N/A	GW-3	7.78
5473	N/A	GW-4	9.56
5474	N/A	GW-5	10.6
5475	N/A	Dup	9.51

ELAP ID No.: 10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC. 179 Lake Avenue Rochester, New York 585-647-2530 FAX 585-647-3311

LABORATORY REPORT OF ANALYSIS

Client: Day Environmental

Client Job Site: Strippit

Client Job No.: 18630R-00

Lab Project No.: 03-1508

Sample Type: Water
Analytical Method: EPA 420.1
Date Sampled: 06/10/2003
Date Received: 06/10/2003
Date Analyzed: 06/19/2003

Lab Sample ID.	Field Location/Sample ID	T. Phenolics (mg/l)
5470	GW-1	ND<0.002
5471	GW-2	ND<0.002
5472	GW-3	ND<0.002
5473	GW-4	ND<0.002
5474	GW-5	ND<0.002
5475	Duplicate	ND<0.002

ELAP ID No. 10709

Comments: ND denotes Non Detected.

Approved By Technical Director: _____
Bruce Hoogesteger

Chain of Custody provides additional sample information.

File ID: VarLocPhen03-1508

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental
Client Job Site: Strippit
Client Job No.: 1863R-00
Field Location: GW-1
Field ID No.: N/A

Lab Project No.: 03-1508
Lab Sample No.: 5470
Sample Type: Water
Date Sampled: 06/10/2003
Date Received: 06/10/2003

Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	06/17/2003	EPA 6010	0.037
Iron	06/17/2003	EPA 6010	0.284
Magnesium	06/17/2003	EPA 6010	49.7
Manganese	06/17/2003	EPA 6010	0.143

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: Strippit

Client Job No.: 1863R-00

Field Location: GW-2
Field ID No.: N/A

Lab Project No.: 03-1508
Lab Sample No.: 5471

Sample Type: Water

Date Sampled: 06/10/2003
Date Received: 06/10/2003

Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	06/17/2003	EPA 6010	0.164
Iron	06/17/2003	EPA 6010	1.45
Magnesium	06/17/2003	EPA 6010	2.25
Manganese	06/17/2003	EPA 6010	0.031

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: Strippit

Client Job No.: 1863R-00

Field Location: GW-3
Field ID No.: N/A

Lab Project No.: 03-1508
Lab Sample No.: 5472

Sample Type: Water

Date Sampled: 06/10/2003
Date Received: 06/10/2003

Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	06/17/2003	EPA 6010	0.093
Iron	06/17/2003	EPA 6010	4.85
Magnesium	06/17/2003	EPA 6010	33.7
Manganese	06/17/2003	EPA 6010	0.175

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental
Client Job Site: Strippit
Client Job No.: 1863R-00
Field Location: GW-4
Field ID No.: N/A

Lab Project No.: 03-1508
Lab Sample No.: 5473
Sample Type: Water
Date Sampled: 06/10/2003
Date Received: 06/10/2003

Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	06/17/2003	EPA 6010	0.075
Iron	06/17/2003	EPA 6010	0.919
Magnesium	06/17/2003	EPA 6010	14.7
Manganese	06/17/2003	EPA 6010	0.022

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental

Client Job Site: Strippit

Client Job No.: 1863R-00

Field Location: GW-5
Field ID No.: N/A

Lab Project No.: 03-1508
Lab Sample No.: 5474

Sample Type: Water

Date Sampled: 06/10/2003
Date Received: 06/10/2003

Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	06/17/2003	EPA 6010	0.053
Iron	06/17/2003	EPA 6010	1.54
Magnesium	06/17/2003	EPA 6010	4.00
Manganese	06/17/2003	EPA 6010	0.037

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM
ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Day Environmental
Client Job Site: Strippit
Client Job No.: 1863R-00
Field Location: DUP
Field ID No.: N/A

Lab Project No.: 03-1508
Lab Sample No.: 5475
Sample Type: Water
Date Sampled: 06/10/2003
Date Received: 06/10/2003

Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	06/17/2003	EPA 6010	0.072
Iron	06/17/2003	EPA 6010	0.603
Magnesium	06/17/2003	EPA 6010	17.2
Manganese	06/17/2003	EPA 6010	0.016

ELAP ID No.:10958

Comments:

Approved By: _____
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID:031508.xls

PARADIGM ENVIRONMENTAL SERVICES, INC.
179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997
FAX: (716) 647-3311

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:	
COMPANY:	DAY ENVIRONMENTAL INC.	COMPANY:	
ADDRESS:	40 Commercial St.	ADDRESS:	SAME
CITY:	Rochester STATE: NY ZIP: 14614	CITY: STATE: ZIP:	
PHONE:	454 0210 FAX: 454 0825	PHONE: FAX:	
ATTN:	DAN NOLL	ATTN:	
COMMENTS:			

PROJECT NAME/SITE NAME: STRIPPIT

LAB PROJECT #: 03-1508
CLIENT PROJECT #: 1863R-00

TURNAROUND TIME: (WORKING DAYS) ☐1 ☐2 ☐3 STD ☒5 OTHER ☐

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Total Phenols	pH	Total Fe, Mg, Mn, Ba	REMARKS	PARADIGM LAB SAMPLE NUMBER
1	6/10/03	1300		X	GW-1	water	3	X	X	X		5470
2	6/10/03	1310		X	GW-2	↓	↓	X	X	X		5471
3	6/10/03	1030		X	GW-3			X	X	X		5472
4	6/10/03	1340		X	GW-4			X	X	X		5473
5	6/10/03	1320		X	GW-5			X	X	X		5474
6	6/10/03	1400		X	DUP.			X	X	X		5475
7												
8												
9												
10												

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:
CONTAINER TYPE: ☑ PRESERVATIONS: ☑ HOLDING TIME: ☑ TEMPERATURE: ☑ 18°C iced

Sampled By: [signature]	Date/Time: 6/10/03 1325	Relinquished By:	Date/Time:
Relinquished By: [signature]	Date/Time: 6/10/03 1605	Received By:	Date/Time:
Received By: [signature]	Date/Time: 6/10/03 16:05	Received @ Lab By: Pamela M. Blake	Date/Time: 6/10/03 @ 16:20

Total Cost:

P.I.F.

APPENDIX B

MONITORING WELL SAMPLE LOGS
JUNE 10, 2003 SAMPLE ROUND

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL GW-1

SECTION 1 - SITE INFORMATION

SITE LOCATION: Strippit Inc, Akron, New York JOB #: 1863R-99

PROJECT NAME: Post Closure Long Term Monitoring DATE : 06/10/03

SAMPLE COLLECTOR(S): C. Davidson

WEATHER CONDITIONS: ~75^{0}F Sunny, little wind PID IN WELL (PPM): 0.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 58.44 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 40.65 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 17.79 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 2.9 CASING DIA.: 2"

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
¾" (0.0625)	0.023	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
1" (0.0833)	0.041	
1¼" (0.1041)	0.063	
2" (0.1667)	0.1632	
3" (0.250)	0.380	
4" (0.3333)	0.6528	
4½" (0.375)	0.826	
6" (0.5000)	1.4688	
8" (0.666)	2.611	

CALCULATED PURGE VOLUME [GAL]: 8.7 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~6.0

PURGE METHOD: 3' dedicated bailer PURGE START: 10:55 END: 11:15 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-1	6/10/03 13:00	3' dedicated bailer	Total phenols, pH, Total (Ba, Fe, Mn, Mg)

SECTION 4 - WATER QUALITY DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	VISUAL
46.25	15.8	NC	0.872	46	Light Gray, Cloudy

NC = Not Collected

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL GW-2

SECTION 1 - SITE INFORMATION

SITE LOCATION: Strippit Inc, Akron, New York **JOB #:** 1863R-99

PROJECT NAME: Post Closure Long Term Monitoring **DATE :** 06/10/03

SAMPLE COLLECTOR(S): C. Davidson

WEATHER CONDITIONS: ~75^{0}F Cloudy, little wind **PID IN WELL (PPM):** 0.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 78.60 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 51.10 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 27.50 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 4.5 **CASING DIA.:** 2"

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT (GAL/FT)
¾" (0.0625)	0.023
1" (0.0833)	0.041
1¼" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4½" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611

CALCULATIONS
VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 13.5 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~5.5

PURGE METHOD: 3' dedicated bailer **PURGE START:** 11:20 **END:** 11:38 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-2	6/10/03 13:10	3' dedicated bailer	Total phenols, pH, Total (Ba, Fe, Mn, Mg)

SECTION 4 - WATER QUALITY DATA*

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	VISUAL
58.43	13.1	NC	0.519	200	Light Gray, Cloudy

NC = Not Collected

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL GW-3

SECTION 1 - SITE INFORMATION

SITE LOCATION: Strippit Inc, Akron, New York **JOB #:** 1863R-99

PROJECT NAME: Post Closure Long Monitoring **DATE :** 06/10/03

SAMPLE COLLECTOR(S): C. Davidson

WEATHER CONDITIONS: ~70^{0}F Cloudy, little wind **PID IN WELL (PPM):** 0.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 50.00 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 33.44 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 16.56 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 2.7 **CASING DIA.:** 2"

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
¾" (0.0625)	0.023	VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT
1" (0.0833)	0.041	
1¼" (0.1041)	0.063	
2" (0.1667)	0.1632	
3" (0.250)	0.380	
4" (0.3333)	0.6528	
4½" (0.375)	0.826	
6" (0.5000)	1.4688	
8" (0.666)	2.611	

CALCULATED PURGE VOLUME [GAL]: 8.1 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~8.0

PURGE METHOD: 3' dedicated bailer **PURGE START:** 09:40 **END:** 10:20

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-3	6/10/03 10:30	3' dedicated bailer	Total phenols, pH, Total (Ba, Fe, Mn, Mg)

SECTION 4 - WATER QUALITY DATA*

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	VISUAL
35.02	14.2	NC	0.636	390	Light Gray, Cloudy

NC = Not Collected

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL GW-4

SECTION 1 - SITE INFORMATION

SITE LOCATION: Strippit Inc, Akron, New York JOB #: 1863R-99

PROJECT NAME: Post Closure Long Term Monitoring DATE : 06/10/03

SAMPLE COLLECTOR(S): C. Davidson

WEATHER CONDITIONS: ~75^{0}F Cloudy, little wind PID IN WELL (PPM): 0.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 52.40 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 37.48 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 14.92 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 2.4 CASING DIA.: 2"

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)
¾" (0.0625)	0.023
1" (0.0833)	0.041
1¼" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4½" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611

CALCULATIONS
VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 7.2 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~4.0

PURGE METHOD: 3' dedicated bailer PURGE START: 12:37 END: 12:50 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-4	6/10/03 13:40	3' dedicated bailer	Total phenols, pH, Total (Ba, Fe, Mn, Mg)

SECTION 4 - WATER QUALITY DATA*

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	VISUAL
40.92	18.9	NC	0.006	43	Light Gray, Cloudy

NC = Not Collected

DAY ENVIRONMENTAL, INC.
MONITORING WELL SAMPLING LOG

WELL GW-5

SECTION 1 - SITE INFORMATION

SITE LOCATION: Strippit Inc, Akron, New York **JOB #:** 1863R-99

PROJECT NAME: Post Closure Long Term Monitoring **DATE :** 06/10/03

SAMPLE COLLECTOR(S): C. Davidson

WEATHER CONDITIONS: ~75^{0}F Cloudy, little wind **PID IN WELL (PPM):** 0.0

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 74.30 (MEASURED FROM TOP OF CASING - T.O.C.)

STATIC WATER LEVEL (SWL) [FT]: 52.05 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 22.25 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H_2O PER WELL CASING [GAL]: 3.6 **CASING DIA.:** 2"

CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT(GAL/FT)
¾" (0.0625)	0.023
1" (0.0833)	0.041
1¼" (0.1041)	0.063
2" (0.1667)	0.1632
3" (0.250)	0.380
4" (0.3333)	0.6528
4½" (0.375)	0.826
6" (0.5000)	1.4688
8" (0.666)	2.611

CALCULATIONS
VOL. OF H_2O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 10.8 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~6.0

PURGE METHOD: 3' dedicated bailer **PURGE START:** 12:10 **END:** 12:27 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-5	6/10/03 13:20	3' dedicated bailer	Total phenols, pH, Total (Ba, Fe, Mn, Mg)

SECTION 4 - WATER QUALITY DATA*

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (mS/cm)	TURBIDITY (NTU)	VISUAL
62.98	15.2	NC	0.630	360	Light Gray, Cloudy

NC =Not Collected

APPENDIX C

SUMMARY OF DETECTED PARAMETERS

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POSTCLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
SAMPLING: 4/95 TO 6/03: GW1

TEST PARAMETER	UNITS	SAMPLE ROUND																					
		4/11/95	7/12/95	10/16/95	1/22/96	5/8/96	8/6/96	10/29/96	2/6/97	6/9/97	9/15/97	12/16/97	3/13/98	6/11/98	12/14/98	6/23/99	12/15/99	6/22/00	1/11/01	7/3/01	12/12/01	6/20/02	1/10/03	6/10/03
pH	Standard	7.35	8.76	8.63	9.07	8.87	8.04	8.31	8.55	7.38	7.82	7.35	8.37	7.75	8.28	7.5.02	7.95	8.77	10.57	6.36	8.76	7.22	7.13	9.02
specific conductance	uMHOS/cm	1,400	1,170	751	889	1,297	862	1,179	870	1,660	1,292		1140	1128	877	764	866	968	666	1400	1100	1200	1120	872
turbidity	NTU	85.8	200	46.6		101.6	83.8	135.2										0		45		180	13	46
barium, soluble	mg/L	0.058	0.059	0.06	0.12	0.054	0.03	0.04	0.033	0.027	0.02	0.024	0.027	0.028	0.022	0.02	0.02	0.027	0.021	0.023	**0.020**	**0.020**		
barium, total	mg/L	0.079	0.123	0.07	0.13	0.054	0.04	0.0575	0.041	0.0624	0.033	0.035	0.023	0.032	0.09 5.0	0.041	0.036	0.025	0.027	0.025	0.023	**0.020**	0.034	0.037
iron, soluble	mg/L	0.03	0.36	0.13	8.24	0.15	0.03	1.065	0.04	0.812	0.061	0.05	0.127	0.05	0.232	0.05	0.05	***0.1***	***0.1***	0.140	**0.100**	**0.100**		
iron, total	mg/L	1.46	6.82	2.53	8.34	0.15	0.17	2.96	1	5.91	0.985	1.21	0.229	0.676	8.66	1.96	0.724	***0.1***	0.522	**0.246**	**0.188**	**0.100**	0.419	0.284
magnesium, soluble	mg/L	50.8	44.6	47.5	66.8	62.9	68.6	57.35	63	56	55.2	66.5	66.2	62.2	47.2	62.3	53.5	51	42.2	39.6	37.1	40.6		
magnesium, total	mg/L	54	52	56.8	68.8	62.9	71.2	64.8	65.6	66.3	69.3	78	65.8	64.5	59.8	63.6	57.7	52.7	43.4	44.3	39.1	38.7	47.7	49.7
manganese, soluble	mg/L	***0.005***	0.026	0.01	0.23	0.039	0.021	0.04	0.015	0.0347	0.02	0.013	0.017	0.042	0.16	0.036	0.023	0.032	0.012	0.015	**0.010**	**0.010**		
manganese, total	mg/L	0.038	0.171	0.08	0.24	0.039	0.024	0.085	0.041	0.158	0.03	0.049	0.019	0.069	0.255	0.084	0.049	0.033	0.03	0.041	0.027	0.290	0.061	0.143
total phenols	mg/L					0.005	0.005	0.005	0.005	0.005	***0.002***	***0.002***	***0.005***	0.03	0.029	***0.002***	***0.002***	0.004	***0.002***	**0.002**	**0.002**	0.008	***0.002***	***0.002***
dichlorodifluoromethane	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***1.00***	***1.00***	***1.00***	***1.00***															
chloromethane	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***1.00***	***1.00***	***1.00***	***1.00***	***5.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***		
vinyl chloride	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***1.00***	***1.00***	***1.00***	***1.00***	5.00	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***		
acetone	ug/L	26.00	***5.00***	34.00	6.00	71.00	***5.00***	***5.00***	***5.00***	***20.00***	***5.00***	***5.00***	***5.00***	241.9	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***		
carbon disulfide	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***10.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***		
trans1,2dichloroethene	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
1,1dichloroethane	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
chloroform	ug/L	***0.5***	***0.5***	1.5	***0.5***	***0.5***	1.00	***0.5***	***0.5***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
2butanone	**ug/L**	***1.00***	2.00	***0.5***	***0.5***	***1.00***	***1.00***	***1.00***	2.00	10.00	***5.00***	***5.00***	***5.00***	***5.00***	***0.50***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***		
1,1,1trichloroethane	ug/L	***0.5***	***0.5***	0.9	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
carbon tetrachloride	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
benzene	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
trichloroethene	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
toluene	ug/L	***0.5***	***0.5***	***0.5***	0.6	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
tetrachloroethene	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
methylene chloride	ug/L	11.00	***5.00***	21.00	***5.00***	35.00	14.00	***5.00***	***5.00***	***5.0***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***		
m,p-xylenes	ug/L	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***5.0***	***1.00***	1.90	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***		
o-xylenes	ug/L	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***0.5***	***5.0***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***		
phenol	ug/L	***1.00***	***1.00***	***1.00***	***1.00***																			
groundwater elevation	feet	713.43	711.04	710.09	712.82	715.76	714.71	714.29	715.02	715.09	712.34	713.81	715.52	715.27	711.01	713.24	710.6	714.65	713.52	712.98	711.13	714.82	711.57	713.67

Notes:
- values shown in **BOLD** print indicate parameter was "not detected" at the detection limit presented on this table
- values left blank indicate sample was either not collected or not tested
- soluble metals and volatile organic compounds have not been tested since June 20, 2002 (as approved in a letter from the NYSDEC dated August 21, 2002

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POSTCLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
SAMPLING: 4/95 TO 6/03: GW2

TEST PARAMETER	UNITS	SAMPLE ROUND																					
		4/11/95	7/12/95	10/16/95	1/22/96	5/8/96	8/6/96	10/29/96	2/6/97	6/9/97	9/15/97	12/16/97	3/13/98	6/11/98	12/14/98	6/23/99	12/15/99	6/22/00	1/11/01	7/3/01	12/12/01	6/20/02	1/10/03	6/10/03
pH	Standard	7.23	11.58	11.71	12.23	11.55	11.33	11.29	11.31	10.51	10.61	10.43	11.54	11.28	11.42	11.04	11.28	10.81	11.56	10.43	11.18	9.16	10.32	10.60
specific conductae	uMHOS/cm	1870	1170	695	771	1239	1050	827	244	770	904	864	80	799	676	761	592	493	564	1000	730	530	568	519
turbidity	NTU	200.00	16.50	11.90		11.60	6.91	3.92	74.00											80	560	170	12	200
barium, soluble	mg/L	0.199	0.200	0.180	0.150	0.116	0.129	0.171	0.115	0.102	0.091	0.045	0.094	0.094	0.088	0.140	0.118	0.111	0.129	0.130	0.091	0.081		
barium, total	mg/L	0.210	0.211	0.210	0.180	0.118	0.130	0.139	0.127	0.108	0.110	0.099	0.091	0.118	0.107	0.146	0.172	0.122	0.176	0.159	0.145	0.131	0.125	0.164
iron, soluble	mg/L	**0.030**	0.150	0.007	0.430	0.090	**0.030**	0.100	0.340	**0.100**	**0.050**	**0.050**	**0.050**	**0.050**	**0.050**	**0.050**	**0.050**	0.180	0.143	0.148	**0.100**	**0.100**		
iron, total	mg/L	0.250	0.490	1.440	1.260	0.090	0.180	0.260	0.410	**0.100**	0.319	9.350	0.194	0.247	0.431	1.230	2.230	1.270	2.360	0.566	3.11	1.63	0.17	1.45
magnesium, soluble	mg/L	**0.050**	0.140	0.230	1.010	0.470	0.950	0.910	0.089	**0.500**	**0.500**	4.100	0.038	0.099	0.214	0.131	0.109	0.251	**0.050**	**0.050**	**0.050**	**0.050**	0.239		
magnesium, total	mg/L	1.030	0.360	0.910	1.360	0.470	2.510	2.800	0.342	**0.500**	**0.500**	23.300	0.222	0.393	0.404	1.140	1.860	1.580	1.660	0.342	2.93	1.70	0.61	2.25
manganese, soluble	mg/L	**0.005**	0.053	**0.005**	0.030	**0.005**	**0.005**	**0.005**	0.008	**0.010**	**0.020**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	0.100	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**		
manganese, total	mg/L	0.006	0.150	0.020	0.040	**0.005**	**0.005**	0.030	0.009	**0.010**	**0.020**	0.224	**0.010**	**0.010**	**0.010**	0.025	0.040	0.040	0.042	**0.010**	0.064	0.033	0.010	0.031
total phenols	mg/L					0.005	0.020	0.008	0.005	**0.005**	**0.020**	**0.002**	**0.005**	0.008	0.008	**0.002**	**0.002**	0.002	**0.002**	**0.002**	**0.002**	0.007	**0.002**	**0.002**
dichlorodifluoromethane	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**															
chloromethane	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
vinyl chloride	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
acetone	ug/L	31.00	33.00	63.00	24.00	100.00	21.00	47.00	19.00	**20.00**	**5.00**	**5.00**	9.60	29.60	10.80	6.90	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
carbon disulfide	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**10.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
trans1,2dichloroethene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
1,1dichloroethane	ug/L	0.60	**0.50**	0.70	**0.50**	0.50	**0.50**	0.70	0.60	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**0.50**	**0.50**		
chloroform	ug/L	**0.50**	**0.50**	2.00	0.60	**0.50**	0.80	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
2butanone	ug/L	3.00	6.00	**0.50**	2.00	4.00	**1.00**	**1.00**	**2.00**	**10.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
1,1,1trichloroethane	**ug/L**	**0.50**	**0.70**	**0.60**	**0.50**	**0.50**	**0.60**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
carbon tetrachloride	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
benzene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	0.60	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
trichloroethene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
toluene	ug/L	0.70	**0.50**	0.90	0.60	0.80	1.00	0.90	0.60	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
tetrachloroethene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
methylene chloride	ug/L	11.00	**5.00**	23.00	10.00	38.00	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
m,p-xylenes	ug/L	**1.00**	**1.00**	**1.00**	1.00	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
o-xylenes	ug/L	**0.50**	**0.50**	**0.50**	0.50	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
phenol	ug/L	**1.00**	5.60	2.00	3.00																			
groundwater elevation	feet	719.90	717.08	715.62	718.59	721.58	720.24	719.96	721.22	720.69	717.76	719.67	721.29	720.39	715.77	717.64	716.20	720.42	721.26	718.36	716.43	720.39	717.77	719.52

INTERIM REMEDIAL MEASURE

Notes:
- values shown in **BOLD** print indicate parameter was "not detected" at the detection limit presented on this table
- values left blank indicate sample was either not collected or not tested
- soluble metals and volatile organic compounds have not been tested since June 20, 2002 (as approved in a letter from the NYSDEC dated August 21, 2002

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
SAMPLING: 4/95 TO 6/03: GW3

TEST PARAMETER	UNITS	SAMPLE ROUND																				
		4/11/95	7/12/95	10/16/95	1/22/96	5/8/96	8/6/96	10/29/97	2/6/97	6/9/97	9/15/97	12/16/97	3/13/98	6/11/98	12/14/98	6/23/99	12/15/99	6/22/00	1/11/01	7/3/01	12/12/01	6/20/02	1/10/03	6/10/03
pH	Standard	6.82	8.01	8.01	8.42	8.42	7.85	7.53	7.63	7.73	7.03	7.43	8.25	6.93	9.20	9.90	7.15	7.75	9.73	6.32	6.45	6.03	5.60	7.78
specific conductae	uMHOS/cm	2010	568	502	475	614	623	585	342	570	635	567	626	445	507	620	562	441	399	750	750	690	797	636
turbidity	NTU	26.00	26.80	191.00		70.70	5.12	150.30	47.40											140	51	350	53	390
barium, soluble	mg/L	0.056	0.032	0.070	0.850	0.075	0.065	0.073	0.066	0.058	0.057	0.055	0.055	0.057	0.028	0.064	0.052	0.064	0.055	0.056	0.053	0.053		
barium, total	mg/L	0.065	0.173	0.165	0.090	0.078	0.086	0.078	0.083	0.072	0.076	0.087	0.063	0.069	0.071	0.078	0.084	0.064	0.087	0.068	0.060	0.066	0.068	0.093
iron, soluble	mg/L	**0.030**	0.100	0.095	3.020	2.030	0.050	1.740	0.120	0.114	**0.050**	**0.050**	**0.050**	**0.050**	**0.005**	**0.005**	**0.050**	**0.100**	**0.100**	**0.100**	**0.100**	**0.100**		
iron, total	mg/L	1.560	6.710	13.550	4.090	4.230	1.300	2.000	2.370	2.255	3.800	4.650	1.720	1.380	1.810	1.960	3.150	0.250	4.790	1.690	0.943	1.83	0.90	4.85
magnesium, soluble	mg/L	27.700	29.350	29.650	31.950	30.650	27.900	28.450	29.700	26.900	25.400	29.500	27.200	24.550	16.600	28.250	25.800	25.800	25.200	24.800	23.9	25.6		
magnesium, total	mg/L	28.300	68.700	72.550	32.450	30.950	32.700	16.650	32.900	30.350	35.800	39.350	28.700	27.550	24.600	32.150	31.600	26.300	31.600	26.800	25.0	26.6	27.7	33.7
manganese, soluble	mg/L	0.078	0.138	0.075	0.165	0.131	0.124	0.113	0.148	0.078	0.050	0.080	0.070	0.063	**0.010**	0.082	0.047	0.064	0.069	0.045	0.063	0.078		
manganese, total	mg/L	0.120	0.456	0.660	0.210	0.142	0.141	0.128	0.148	0.001	0.120	0.195	0.097	0.011	0.079	0.128	0.111	0.067	0.170	0.082	0.082	0.120	0.083	0.175
total phenols	mg/L					**0.005**	0.140	**0.005**	**0.005**	**0.005**	**0.002**	**0.002**	**0.050**	**0.050**	**0.001**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	**0.002**	0.004	**0.002**	**0.002**
dichlorodifluoromethane	ug/L	2.40	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**															
chloromethane	ug/L	1.50	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
vinyl chloride	ug/L	2.30	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
acetone	ug/L	16.00	10.50	18.50	5.50	90.00	**5.00**	**5.00**	**5.00**	**20.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
carbon disulfide	ug/L	1.80	**0.50**	**0.50**	**0.50**	**0.50**	3.00	**0.50**	**0.50**	**10.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
trans1,2dichloroethene	ug/L	0.80	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
1,1dichloroethane	ug/L	0.80	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
chloroform	ug/L	0.70	**1.50**	**1.50**	**0.50**	**0.95**	3.00	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
2butanone	ug/L	**1.00**	7.50	0.75	**0.55**	**0.75**	**1.00**	**1.00**	**2.00**	**10.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
1,1,1trichloroethane	**ug/L**	1.80	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	0.56	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
carbon tetrachloride	ug/L	1.70	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
benzene	ug/L	0.50	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	0.70	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
trichloroethene	ug/L	0.80	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
toluene	ug/L	0.70	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**1.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
tetrachloroethene	ug/L	0.90	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
methylene chloride	ug/L	6.30	**5.00**	15.50	5.50	37.50	10.00	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
m,p-xylenes	ug/L	**1.00**	**2.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	12.80	**1.00**	3.35	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
o-xylenes	ug/L	**0.50**	7.50	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	3.60	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
phenol	ug/L	**1.00**	**1.00**	**1.00**	**1.00**																			
groundwater elevation	feet	709.53	707.19	705.56	708.26	711.25	710.47	709.65	710.29	710.16	708.13	709.14	711.01	710.47	706.24	707.94	706.14	710.24	709.00	708.68	706.05	710.04	706.79	709.15

Notes:
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STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 6/03:GW4

TEST PARAMETER	UNITS	SAMPLE ROUND																				
		4/11/95	7/12/95	10/16/95	1/22/96	5/8/96	8/6/96	10/29/96	2/6/97	6/9/97	9/15/97	12/16/97	3/13/98	6/11/98	12/14/98	6/23/99	12/15/99	6/22/00	1/11/01	7/3/01	12/12/01	6/20/02	1/10/03	6/10/03
pH	Standard	7.06	8.31	8.34	9.07	8.03	8.01	7.47	8.21	7.62	7.92	8.06	9.11	8.27	9.10	9.49	9.77	10.57	9.37	6.36	9.68	8.90	10.28	9.56
specific conductae	uMHOS/cm	1990	935	628	626	1118	1141	1094	743	1220	1237	989	985	918	745	997	806	784	595	110	790	740	698	6
turbidity	NTU	200	200	107		43	105	47	116											500	270	240	51	43
barium, soluble	mg/L	0.045	0.058	0.070	0.110	0.044	0.041	0.050	0.050	0.046	0.051	0.052	0.054	0.038	0.029	0.060	0.043	0.059	0.044	0.041/0.041	0.043/0.043	0.046		
barium, total	mg/L	0.179	0.099	0.120	0.130	0.044	0.044	0.054	0.071	0.058	0.060	0.055	0.055	0.055	0.081	0.059	0.078	0.065	0.058	0.079/0.116	0.072/0.060	0.052	0.062	0.075
iron, soluble	mg/L	***0.030***	***1.000***	0.370	8.320	***1.000***	0.030	1.940	0.225	***0.100***	***0.620***	0.060	***0.050***	***0.050***	***0.050***	***0.050***	0.050	***0.100***	***0.100***	***0.100/0.100***	***0.100/0.100***	***0.100***		
iron, total	mg/L	12.020	6.720	11.900	9.850	***1.000***	0.043	2.140	2.870	1.290	1.320	0.766	0.286	1.510	4.420	1.580	4.000	0.110	1.430	4.91/8.19	3.13/1.78	0.155	0.182	0.919
magnesium, soluble	mg/L	50.020	36.700	30.200	47.900	39.700	37.500	44.300	39.650	40.300	29.550	39.900	34.800	32.700	12.500	28.800	18.400	29.400	29.500	17.600/20.0	9.860/11.2	17.0		
magnesium, total	mg/L	77.900	48.300	66.000	49.400	39.700	38.800	49.100	46.150	39.000	33.750	42.300	36.000	35.900	31.000	40.100	27.700	25.200	32.100	30.7/35.7	17.2/14.9	17.3	15.2	14.7
manganese, soluble	mg/L	***0.005***	0.029	0.150	0.200	0.022	0.065	0.062	0.031	0.011	***0.020***	0.010	***0.010***	0.014	0.030	***0.010***	0.010	***0.010***	***0.010***	***0.010/0.010***	***0.010/0.010***	***0.010***		
manganese, total	mg/L	0.320	0.162	0.320	0.240	0.022	0.022	0.086	0.076	0.034		0.023	***0.010***	0.072	0.094	0.039	0.086	***0.010***	0.027	0.106/0.201	0.074/0.037	***0.010***	***0.010***	0.022
total phenols	mg/L					***0.005***	***0.005***	***0.005***	0.012	***0.005***	***0.020***	0.003	***0.005***	***0.005***	0.002	0.002	0.002	***0.002***	***0.002***	***0.002/0.002***	***0.002/0.002***	0.002	***0.002***	***0.002***
dichlorodifluoromethane	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***1.00***	***1.00***	***1.00***	***1.00***															
chloromethane	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***1.00***	***1.00***	***1.00***	***1.00***	***5.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00/1.00***	***1.00/1.00***	***1.00***		
vinyl chloride	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***1.00***	***1.00***	***1.00***	***1.00***	***5.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00/1.00***	***1.00/1.00***	***1.00***		
acetone	ug/L	12.00	***5.00***	29.00	14.00	38.00	***5.00***	***5.00***	***5.00***	***20.00***	***5.00***	7.70	***0.50***	16.40	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00/5.00***	***5.00/5.00***	***5.00***		
carbon disulfide	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***10.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00/1.00***	***1.00/1.00***	***1.00***		
trans1,2dichloroethene	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
1,1dichloroethane	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
chloroform	ug/L	***0.50***	1.60	1.00	0.80	***0.50***	***0.55***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
2butanone	ug/L	***1.00***	***1.00***	***0.50***	1.00	***1.00***	***1.00***	***1.00***	2.00	***10.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00/5.00***	***5.00/5.00***	***5.00***		
1,1,1trichloroethane	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
carbon tetrachloride	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
benzene	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
trichloroethene	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
toluene	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	2.10	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
tetrachloroethene	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
methylene chloride	ug/L	2.60	***5.00***	18.00	10.00	36.00	6.00	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00***	***5.00/5.00***	***5.00/5.00***	***5.00***		
m,p-xylenes	ug/L	***1.00***	***2.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***5.00***	***1.00***	8.60	***1.00***	5.90	***1.00***	***1.00***	***1.00***	***1.00***	***1.00***	***1.00/1.00***	***1.00/1.00***	***1.00***		
o-xylenes	ug/L	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***5.00***	***0.50***	2.30	***0.50***	1.60	***0.50***	***0.50***	***0.50***	***0.50***	***0.50***	***0.50/0.50***	***0.50/0.50***	***0.50***		
phenol	ug/L	***1.00***	***1.00***	***1.00***	***1.00***																			
groundwater elevation	feet	715.06	712.56	711.13	713.69	716.70	715.75	715.36	716.14	715.92	713.37	714.69	716.43	715.74	711.34	711.09	711.60	715.68	714.36	713.90	712.05	715.39	712.64	714.76

Notes:
- values shown in **BOLD** print indicate parameter was "not detected" at the detection limit presented on this table
- values left blank indicate sample was either not collected or not tested
- soluble metals and volatile organic compounds have not been tested since June 20, 2002 (as approved in a letter from the NYSDEC dated August 21, 2002).

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
SAMPLING: 4/95 TO 6/03: GW5

TEST PARAMETER	UNITS	SAMPLE ROUND																					
		4/11/95	7/12/95	10/16/95	1/22/96	5/8/96	8/6/96	10/29/96	2/6/97	6/9/97	9/15/97	12/16/97	3/13/98	6/11/98	12/14/98	6/23/99	12/15/99	6/22/00	1/11/01	7/3/01	12/12/01	6/20/02	1/10/03	6/10/03
pH	Standard	6.99	10.88	10.97	11.54	10.93	10.87	10.39	10.90	10.35	10.14	10.76	11.32	10.84	11.31	10.51	11.18	12.27	9.58	9.76	10.93	9.73	11.06	10.60
specific conductae	uMHOS/cm	2090	735	506	641	831	816	737	286	820	903	665	820	590	567	770	663	634	648	810	690	860	935	630
turbidity	NTU	200	168	113		163	181	38	50											44	360	300	14	360
barium, soluble	mg/L	0.078	0.484	0.060	0.180	0.050	0.051	0.049	0.056	0.046	0.043	0.101	0.051	0.049	0.034	0.042	0.040	0.050	0.041	0.040	0.033	0.034		
barium, total	mg/L	0.172	0.600	0.180	0.230	0.053	0.055	0.090	0.114	0.053	0.067	0.148	0.065	0.071	0.146	0.068	0.076	0.050	0.073	0.042	0.082	0.051	0.050	0.053
iron, soluble	mg/L	**0.030**	0.090	0.340	24.800	0.480	**0.030**	0.990	0.640	**0.100**	**0.050**	**0.050**	**0.050**	**0.050**	**0.050**	**0.050**	**0.050**	**0.100**	**0.100**	**0.100**	**0.100**	**0.100**		
iron, total	mg/L	23.000	1.730	24.700	34.300	**0.510**	0.280	1.330	8.670	1.300	4.930	1.660	1.820	2.220	17.700	3.230	4.210	0.527	5.100	0.443	7.97	1.77	0.21	1.54
magnesium, soluble	mg/L	16.500	4.320	3.680	33.500	2.400	1.330	1.960	5.420	1.540	1.300	0.140	2.070	1.990	0.440	1.590	1.310	0.829	0.778	0.274	0.275	1.180		
magnesium, total	mg/L	32.200	9.710	32.800	42.500	2.530	2.490	3.050	18.600	3.650	8.000	1.640	5.380	9.300	23.600	5.850	7.150	3.970	7.850	1.450	13.9	6.1	8.9	4.0
manganese, soluble	mg/L	**0.005**	**0.005**	0.010	**0.570**	0.011	**0.005**	0.014	0.016	**0.010**	**0.002**	**0.010**	**0.010**	**0.010**	0.010	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**	**0.010**		
manganese, total	mg/L	0.485	0.038	0.620	0.760	0.011	0.008	0.030	0.218	0.024	0.080	0.035	0.037	0.105	0.382	0.068	0.088	0.036	0.106	**0.010**	0.198	0.039	0.010	0.037
total phenols	mg/L					**0.005**	**0.005**	**0.005**	**0.005**	**0.005**	**0.002**	**0.002**	**0.005**	0.081	**0.002**	**0.002**	**0.002**	**0.002**		**0.002**	**0.002**	**0.002**	0.003	**0.002**
dichlorodifluoromethane	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**															
chloromethane	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
vinyl chloride	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
acetone	ug/L	33.00	29.00	43.00	8.00	57.00	7.00	9.00	**5.00**	**20.00**	**5.00**	18.80	**5.00**	19.70	**5.00**	8.00	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
carbon disulfide	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**10.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
trans1,2dichloroethene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
1,1dichloroethane	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
chloroform	ug/L	**0.50**	**1.00**	1.00	**0.50**	**0.50**	2.00	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
2butanone	ug/L	**1.00**	**1.00**	1.00	**0.50**	**1.00**	**1.00**	**1.00**	2.00	**10.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
1,1,1trichloroethane	**ug/L**	**0.50**	**0.50**	**1.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
carbon tetrachloride	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
benzene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
trichloroethene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
toluene	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
tetrachloroethene	ug/L	**0.50**	**0.50**	0.60	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
methylene chloride	ug/L	2.40	**5.00**	24.00	12.00	23.00	10.00	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**	**5.00**		
m,p-xylenes	ug/L	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**5.00**	**1.00**	**1.00**	**1.00**	6.90	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**	**1.00**		
o-xylenes	ug/L	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**5.00**	**0.50**	**0.50**	**0.50**	2.40	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**	**0.50**		
phenol	ug/L	**1.00**	**1.40**	**1.40**	**1.00**																			
groundwater elevation	feet	719.54	716.72	715.29	718.53	721.37	719.99	719.94	721.01	720.14	717.55	719.42	721.08	719.96	715.57	717.30	716.09	720.26	719.05	717.98	716.67	720.16	717.76	719.21

Notes:
- values shown in **BOLD** print indicate parameter was "not detected" at the detection limit presented on this table
- values left blank indicate sample was either not collected or not tested
- soluble metals and volatile organic compounds have not been tested since June 20, 2002 (as approved in a letter from the NYSDEC dated August 21, 2002).

APPENDIX D

SITE INSPECTION REPORT
JUNE 10, 2003 SAMPLE ROUND

LONG-TERM QUARTERLY MONITORING REPORT
INTERIM REMEDIAL MEASURE
STRIPPIT, INC.
AKRON, NEW YORK

Date of Inspection: June 10, 2003

Inspected By: CHRIS DAVIDSON

Summary of Observation:
General Condition of Cover: Generally in good condition with no apparent areas of degradation noted

Evidence of Erosion, sloughing or other degradation: ☒ Yes ☐ No

Explain: Slight sloughing on east side of site, Due to vegatation, extent of slougiing could not be evaluated, but this area does not appe to have degraded since the previous site visit.

Evidence of cracking: ☐ Yes ☒ No

Explain (include measurements and site sketch):

Evidence of water seepage: ☐ Yes ☒ No

Explain:

Evidence of Settlement: ☐ Yes ☒ No

Explain:

Condition of monitoring wells and gas wells: GW-1, GW-3 needs 2" PVC Well Cap.
GW-4 needs well casing pad lock
GW-1, GW-2, GW-3, GW-5 need lubricant on pad loc

Condition of Vegetative Cover: Good - Vegatation is thick and approximately 3 feet high in areas

Condition of drainage ways (discuss amount of water/sediments present, vegetative growth unusual staining, blockage, etc.). High Vegatation growth, No staining, observed some water

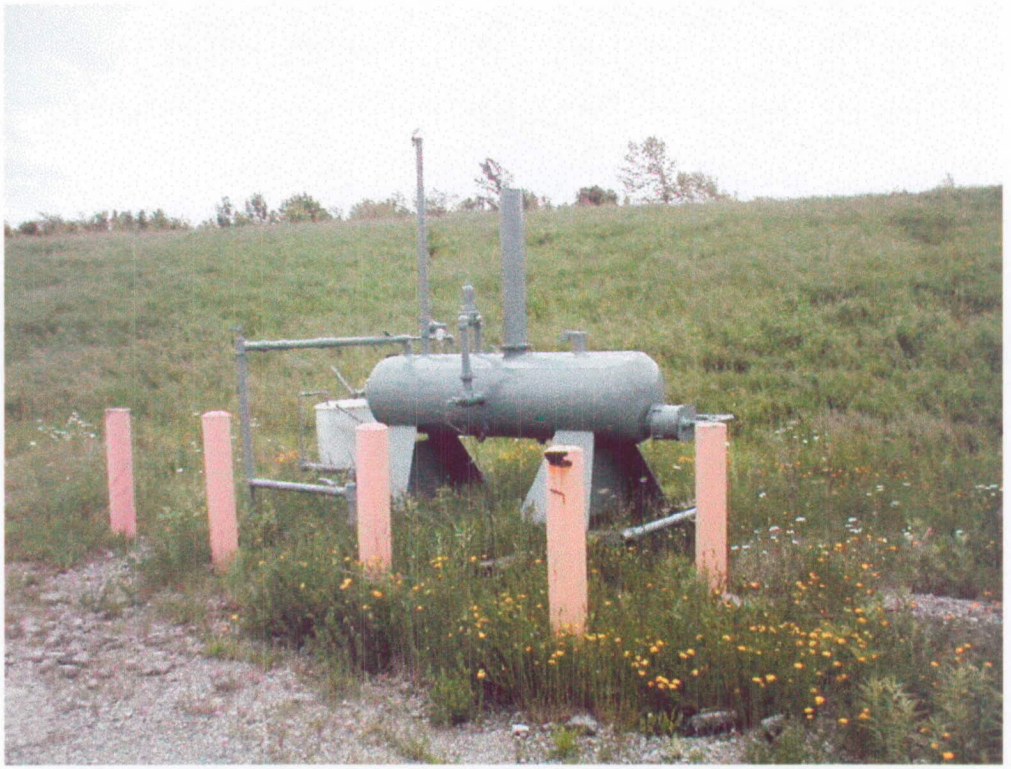
Additional **Comments:** —

Action Item**(s)** Required: Lubrication for well locks, 2" PVC well caps for GW-1 and GW-3, Well pad lock GW-4.

Action Item**(s)** completed since last inspection: —

Signatures:

PHOTOGRAPHS



IRM cap looking south; gas well water collection tank in foreground.

View of Monitoring Well GW-4 looking east.

Strippit, Inc.
June 10, 2003
1863R-99