



DAY ENGINEERING, P.C.

ENVIRONMENTAL ENGINEERING CONSULTANTS
AN AFFILIATE OF DAY ENVIRONMENTAL, INC.

TO: Mr. Jaspal Walia, P.E.
NYSDEC
270 Michigan Avenue
Buffalo, New York 14203-2999

RECEIVED

AUG 16 2004

NYSDEC REG 2
FOIL
___REL___UNREL

RE: IRM Monitoring and Maintenance Report
June 29, 2004 Sample Event
NYSDEC Site Number 9-15-053
Day Environmental, Inc. Job No. 1863R-99

WE ARE SENDING YOU: X ATTACHED UNDER SEPARATE COVER

THE FOLLOWING ITEMS:

One copy of the above referenced report.

REMARKS:

If there are any questions, please do not hesitate to call. Thank you.

DATED August 13, 2004

SIGNED Raymond L. Kampff

cc: Brian Carlise, Strippit, Inc.

**IRM MONITORING AND
MAINTENANCE REPORT
JUNE 29, 2004 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:	August 2004
Project No.:	1863R-99

TABLE OF CONTENTS

1.0	INTRODUCTION.....	1
2.0	GROUNDWATER SAMPLING PROCEDURES	2
3.0	GROUNDWATER ELEVATIONS.....	3
4.0	ANALYTICAL LABORATORY RESULTS.....	4
5.0	SITE INSPECTION REPORT.....	5
6.0	DISCUSSION	6

Figures:

Figure 1	Locus Plan
Figure 2	Site Plan
Figure 3	Groundwater Contour Map

Appendices:

Appendix A	June 29, 2004 Sample Round: Paradigm Environmental Services, Inc. Report and Chain-of-Custody Documentation
Appendix B	Monitoring Well Sample Logs
Appendix C	Summary of Detected Parameters
Appendix D	Site Inspection Report

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 29, 2004.

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 monitoring wells installed at the Site (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 monitoring 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 location 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 29, 2004 sample round are included with the test results in Appendix A.

Executed copies of the monitoring well sample logs for the June 29, 2004 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 monitoring well casing using an electronic tape water level indicator. The groundwater depths and elevations measured during the June 29, 2004 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	39.98	714.34
GW-2	770.62	50.69	719.93
GW-3	742.59	32.61	709.98
GW-4	752.24	36.90	715.34
GW-5	771.26	51.47	719.79

A groundwater contour map developed based upon the groundwater elevations calculated using the measurements obtained during the June 29, 2004 sample round is included as Figure 3.

4.0 ANALYTICAL LABORATORY RESULTS

During the June 29, 2004 sample round, groundwater samples were collected from each of the five monitoring wells (i.e., GW-1 through GW-5) and a duplicate sample (designated "DUP") was collected from monitoring well GW-1. All samples were analyzed by Paradigm for the following parameters.

- Total Barium, Iron, Magnesium and Manganese via USEPA method 6010 and Total Phenolics via USPEA method 420.1

A copy of Paradigm's report summarizing the test results for the samples collected on June 29, 2004 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 29, 2004 sample round is included in Appendix D.

6.0 DISCUSSION

Groundwater level measurements made during the June 26, 2004 sample round indicate that groundwater flow is generally to the northwest.

The analytical results for the duplicate sample (i.e., collected from monitoring well GW-1) are comparable to the test results for the sample collected from monitoring well GW-1.

A majority of the parameters detected in the samples collected during the June 29, 2004 sample event were measured at concentrations below Class GA standards established in 6 NYCRR Part 700-705 for potable groundwater supplies. However, the concentrations measured in the following samples exceeded these standards for the parameters indicated:

- Total iron (NYSDEC standard of 0.3 ppm): GW-3, and GW-5;
- The pH values measured in the upgradient monitoring wells GW-2 (11.73 s.u.) and GW-5 (11.18 s.u.) are above the NYSDEC standard of 8.5 s.u. Downgradient monitoring well GW-4 (8.97) and GW-1 (10.76) are also above the NYSDEC standard, and downgradient monitoring well GW-3 (6.97) is within normal range.

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 29, 2004 sampling event. A table summarizing pH measurements made during quarterly monitoring events is presented below.

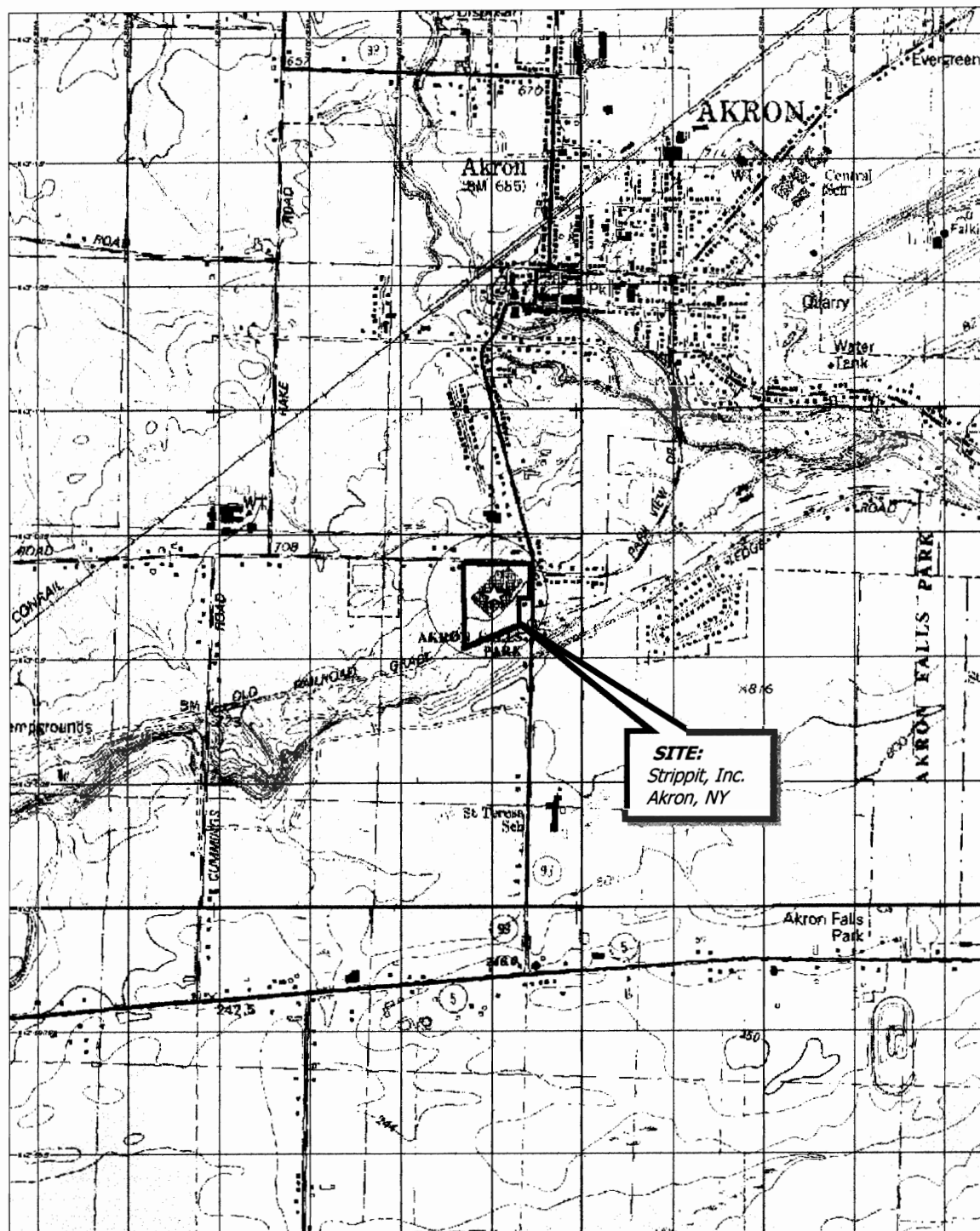
Quarterly Monitoring Round	pH in Standard Units with Groundwater Monitoring Well Identification				
	GW-1	GW-2	GW-3	GW-4	GW-5
12/12/01	8.76	11.18	6.45	9.68	10.93
3/7/02	9.80	11.15	8.74	9.94	10.51
6/20/02	7.22	9.16	6.03	8.90	9.73
10/9/02	NA	NA	NA	NA	NA
1/10/03	7.13	10.32	5.60	10.28	11.06
3/12/03	10.30	11.26	7.50	9.80	10.20
6/10/03	9.02	10.60	7.78	9.56	10.60
9/24/03	7.34	8.67	5.57	7.80	8.11
1/22/04	7.88	10.53	7.04	8.87	10.04
4/16/04	11.61	11.53	6.88	9.95	10.90
6/29/04	10.76	11.73	6.97	8.97	11.18

As shown, pH levels have been historically elevated in samples collected from monitoring wells GW-2 and GW-5 and to a lesser extent within downgradient monitoring well GW-4. However, during recent monitoring events elevated pH values have been detected in samples from downgradient monitoring well GW-1. The source of this potential impact is not known, but the other parameters tested do not indicate a similar trend.

No apparent deficiencies requiring immediate repair were observed during the June 29, 2004 site visit. 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, however, no apparent petroleum impact was noted in this area during the June 29, 2004 monitoring event.

The next scheduled monitoring event at the Site is on or about September 3, 2004 (i.e., this event will include measurement of water levels measurement of pH and observing the condition of the IRM closure).

FIGURES



3-D Topo Quads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS

550 ft Scale: 1 : 19,200 Detail: 14-0 Datum: NAD27

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
07-22-2002

DRAWN BY
Tw

SCALE
1" = 2000'

day

DAY ENVIRONMENTAL, INC.
ENVIRONMENTAL CONSULTANTS
ROCHESTER, NEW YORK 14614-1008

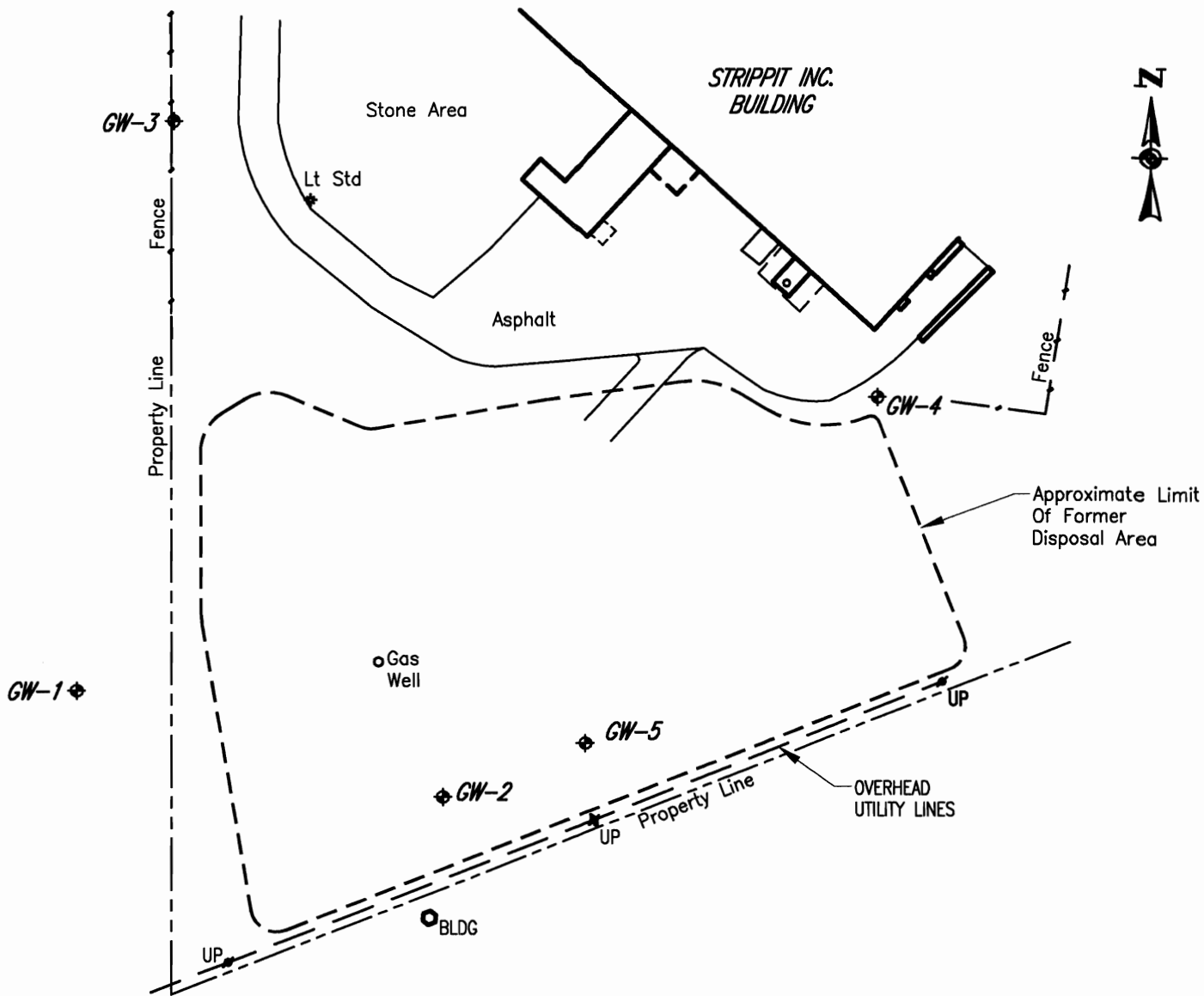
PROJECT TITLE
STRIPPIT, INC.
AKRON, NEW YORK

GROUNDWATER MONITORING

DRAWING TITLE
PROJECT LOCUS MAP

PROJECT NO.
1863R-99

FIGURE 1



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 Disposal 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

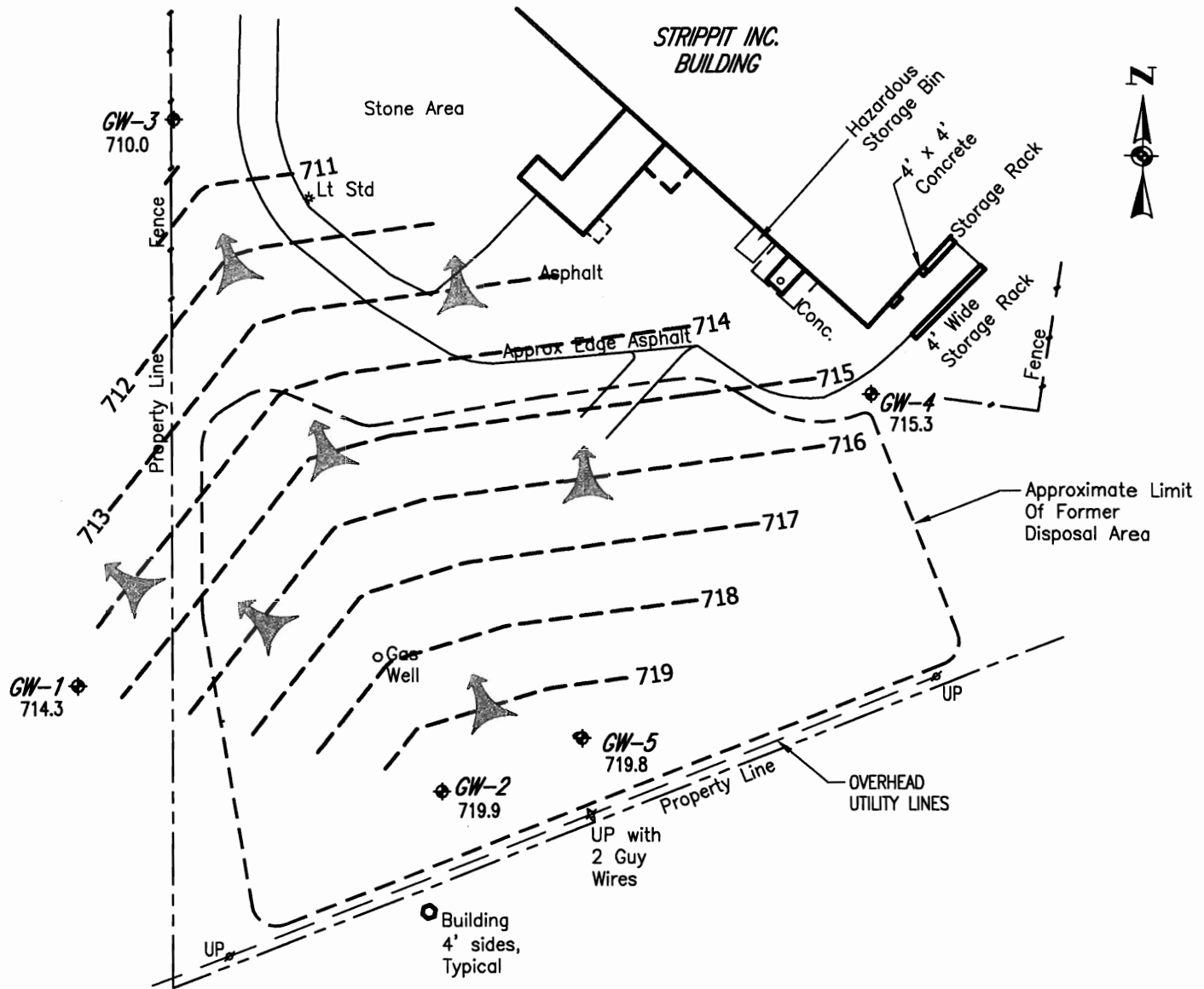
GROUNDWATER MONITORING

DRAWING TITLE

Site Location Map

PROJECT NO.
 1863R-99

FIGURE 2



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
714.3

Groundwater Monitoring Well With Groundwater Elevation Measured 6/29/2004
 Potentiometric contour Line for 06-29-2004



Apparent Direction of Groundwater Flow

DATE
07-19-2004
DRAWN BY
LRP
SCALE
1" = 100'

day

DAY ENVIRONMENTAL, INC.
 ENVIRONMENTAL CONSULTANTS
 ROCHESTER, NEW YORK 14614-1008

PROJECT TITLE
 STRIPPIT, INC.
 AKRON, NY

GROUNDWATER MONITORING

DRAWING TITLE
 Groundwater Potentiometric
 Contour Map for June 29, 2004

PROJECT NO.
 1863R-99

FIGURE 3

APPENDIX A

**PARADIGM ENVIRONMENTAL SERVICES, INC. ANALYTICAL SERVICES
REPORT & CHAIN-OF-CUSTODY DOCUMENTATION
JUNE 29, 2004 SAMPLE ROUND**



LABORATORY REPORT OF ANALYSIS

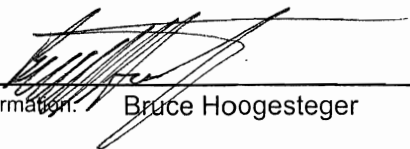
Client: Day Environmental Lab Project No.: 04-1795
Client Job Site: Strippit
Client Job No.: 1836R-99
Sample Type: Water
Analytical Method: EPA 420.2
Date Sampled: 6/29/2004
Date Received: 6/29/2004
Date Analyzed: 7/8/2004

Lab Sample ID.	Sample Location/Field ID	Total Phenolics mg/l
6244	GW1	<0.002
6245	GW2	<0.002
6246	GW3	0.014
6247	GW4	<0.002
6248	GW5	<0.002
6249	DUP	<0.002

ELAP ID No. 10709

Approved By Technical Director: _____

Chain of Custody provides additional sample information.


Bruce Hoogesteger

File ID: Phenolics04-1795.xls



Client: Day Environmental

Client Job Site: Strippit

Client Part No.: 1863R-99

Field Location: GW1

Field ID No.: N/A

Lab Project No.: 04-1795

Lab Sample No.: 6244

Sample Type: Water

Date Sampled: 06/29/2004

Date Received: 06/29/2004

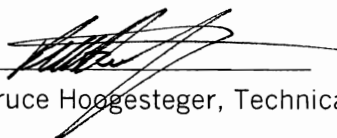
Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	07/01/2004	EPA 6010	0.028
Iron	07/01/2004	EPA 6010	<0.100
Magnesium	07/01/2004	EPA 6010	39.1
Manganese	07/01/2004	EPA 6010	0.102

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

Client: **Day Environmental**

Client Job Site: Strippit

Client Part No.: 1863R-99

Field Location: GW2

Field ID No.: N/A

Lab Project No.: 04-1795

Lab Sample No.: 6245

Sample Type: Water

Date Sampled: 06/29/2004

Date Received: 06/29/2004

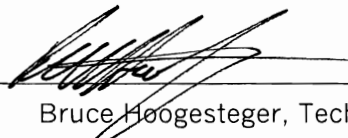
Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	07/01/2004	EPA 6010	0.125
Iron	07/01/2004	EPA 6010	0.277
Magnesium	07/01/2004	EPA 6010	0.692
Manganese	07/01/2004	EPA 6010	0.013

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director



Client: Day Environmental

Client Job Site: Strippit

Client Part No.: 1863R-99

Field Location: GW3

Field ID No.: N/A

Lab Project No.: 04-1795

Lab Sample No.: 6246

Sample Type: Water

Date Sampled: 06/29/2004

Date Received: 06/29/2004

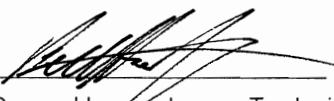
Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	07/01/2004	EPA 6010	0.079
Iron	07/01/2004	EPA 6010	1.61
Magnesium	07/01/2004	EPA 6010	27.3
Manganese	07/01/2004	EPA 6010	0.261

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

Client: **Day Environmental**

Client Job Site: Strippit

Client Part No.: 1863R-99

Field Location: GW4

Field ID No.: N/A

Lab Project No.: 04-1795

Lab Sample No.: 6247

Sample Type: Water

Date Sampled: 06/29/2004

Date Received: 06/29/2004

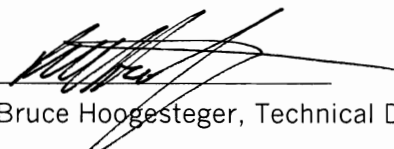
Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	07/01/2004	EPA 6010	0.043
Iron	07/01/2004	EPA 6010	0.078
Magnesium	07/01/2004	EPA 6010	1.46
Manganese	07/01/2004	EPA 6010	<0.010

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

Client: Day Environmental

Client Job Site: Strippit

Client Part No.: 1863R-99

Field Location: GW5

Field ID No.: N/A

Lab Project No.: 04-1795

Lab Sample No.: 6248

Sample Type: Water

Date Sampled: 06/29/2004

Date Received: 06/29/2004

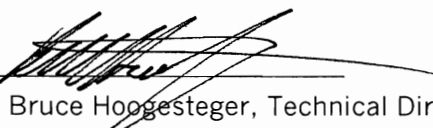
Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	07/01/2004	EPA 6010	0.042
Iron	07/01/2004	EPA 6010	0.433
Magnesium	07/01/2004	EPA 6010	4.95
Manganese	07/01/2004	EPA 6010	0.030

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director



Client: Day Environmental

Client Job Site: Strippit

Client Part No.: 1863R-99

Field Location: DUP

Field ID No.: N/A

Lab Project No.: 04-1795

Lab Sample No.: 6249

Sample Type: Water

Date Sampled: 06/29/2004

Date Received: 06/29/2004

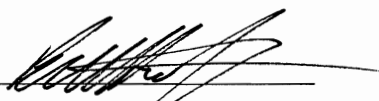
Laboratory Report for Water Analysis

Parameter	Date Analyzed	Analytical Method	Result (mg/L)
Barium	07/01/2004	EPA 6010	0.028
Iron	07/01/2004	EPA 6010	<0.100
Magnesium	07/01/2004	EPA 6010	48.5
Manganese	07/01/2004	EPA 6010	0.131

ELAP ID No.: 10958

Comments:

Approved By: _____


Bruce Hoogesteger, Technical Director

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(585) 647-2530 * (800) 724-1997
FAX: (585) 647-3311

CHAIN OF CUSTODY

REPORT TO: INVOICE TO:

COMPANY:	179 Lake Avenue	COMPANY:	179 Lake Avenue	LAB PROJECT #:	179 Lake Avenue	CLIENT PROJECT #:	179 Lake Avenue
ADDRESS:	179 Lake Avenue	ADDRESS:	179 Lake Avenue				
CITY:	Rochester, NY	CITY:	Rochester, NY	STATE:	NY	ZIP:	14608
PHONE:	(585) 647-2530	PHONE:	(585) 647-2530	FAX:	(585) 647-3311	TURNAROUND TIME: (WORKING DAYS)	1 2 3 4 5
ATTN:	PAUL LANGE	ATTN:	PAUL LANGE			STD	1 2 3 4 5

PROJECT NAME/SITE NAME:

COMMENTS:

REQUESTED ANALYSIS

DATE	TIME	COMPOSITE	GRAAB	SAMPLE LOCATION/FIELD ID	MATRIX	CONTAMINERS	REMARKS	PARADIGM LAB SAMPLE NUMBER
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								

LAB USE ONLY

SAMPLE CONDITION: Check box if acceptable or note deviation:

CONTAINER TYPE:	PRESERVATIONS:	HOLDING TIME:	TEMPERATURE:
-----------------	----------------	---------------	--------------

Sampled By:

Date/Time:

Relinquished By:

Date/Time:

Total Cost:

Relinquished By:

Date/Time:

Received By:

Date/Time:

Received By:

Date/Time:

Received @ Lab By:

Date/Time:

P.I.F.

APPENDIX B
MONITORING WELL SAMPLE LOGS
JUNE 29, 2004 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 :** 06/29/04

SAMPLE COLLECTOR(S): A. Farrell

WEATHER CONDITIONS: ~70°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]: 39.98 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 18.46 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 3.0 **CASING DIA.:** 2"

CALCULATIONS:

CASING DIA. (ET) WELL CONSTANT (GAL/ET) CALCULATIONS

$\frac{3}{4}$ " (0.0625) 0.023
 1" (0.0833) 0.041
 1 $\frac{1}{4}$ " (0.1041) 0.063
 2" (0.1667) 0.1632
 3" (0.250) 0.380
 4" (0.3333) 0.6528
 4 $\frac{1}{2}$ " (0.375) 0.826
 6" (0.5000) 1.4688
 8" (0.666) 2.611

VOL. OF H₂O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

CALCULATED PURGE VOLUME [GAL]: 9.0 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~3.0

PURGE METHOD: 3' dedicated bailer **PURGE START:** 10:15 **END:** 10:25 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-1	6/29/04 12:00	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
41.71	15.6	10.76	0.743	38	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 :** 06/29/04

SAMPLE COLLECTOR(S): A. Farrell

WEATHER CONDITIONS: ~70°F Sunny **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]: 50.69 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 27.91 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 4.55 **CASING DIA.:** 2"

CALCULATIONS:

<u>CASING DIA. (FT)</u>	<u>WELL CONSTANT (GAL/FT)</u>	<u>CALCULATIONS</u>
¾" (0.0625)	0.023	VOL. OF H ₂ O 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]: 13.7 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~6

PURGE METHOD: 3' dedicated bailer **PURGE START:** 10:50 **END:** 11:00 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-2	6/29/04 11:50	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
66.61	12.8	11.73	0.672	21	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 :** 06/29/04
SAMPLE COLLECTOR(S): A. Farrell
WEATHER CONDITIONS: ~70°F Sunny **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]: 32.61 (MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: 17.39 (DEPTH OF WELL - SWL)
CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 2.84 **CASING DIA.:** 2"

CALCULATIONS:

CASING DIA. (ET) WELL CONSTANT (GAL/FT) CALCULATIONS

VOL. OF H₂O IN CASING = DEPTH OF WATER COLUMN X WELL CONSTANT

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

CALCULATED PURGE VOLUME [GAL]: 8.5 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~9.0

PURGE METHOD: 3' dedicated bailer **PURGE START:** 09:55 **END:** 10:10

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-3	6/29/04 11:30	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
32.63	13.7	6.97	0.680	13.7	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 :** 06/29/04

SAMPLE COLLECTOR(S): A. Farrell

WEATHER CONDITIONS: ~70°F Sunny **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]: 36.90 (MEASURED FROM T.O.C.)

THICKNESS OF WATER COLUMN [FT]: 15.5 (DEPTH OF WELL - SWL)

CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 2.53 **CASING DIA.:** 2"

CALCULATIONS:

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

CALCULATED PURGE VOLUME [GAL]: 7.59 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~4.0

PURGE METHOD: 3' dedicated bailer **PURGE START:** 11:10 **END:** 11:20 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-4	6/29/04 12:15	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
38.14	15.5	8.97	0.0541	76	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 :** 06/29/04
SAMPLE COLLECTOR(S): A Farrell
WEATHER CONDITIONS: ~70°F Sunny **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]: 51.47 (MEASURED FROM T.O.C.)
THICKNESS OF WATER COLUMN [FT]: 22.83 (DEPTH OF WELL - SWL)
CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 3.73 **CASING DIA.:** 2"

CALCULATIONS:

CASING DIA. (FT) WELL CONSTANT (GAL/FT) CALCULATIONS

¾" (0.0625)	0.023	VOL. OF H ₂ O 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]: 11.18 (3 TIMES CASING VOLUME)

ACTUAL VOLUME PURGED [GAL]: ~6.5

PURGE METHOD: 3' dedicated bailer **PURGE START:** 10:35 **END:** 10:45 dry

SECTION 3 - SAMPLE IDENTIFICATION AND TEST PARAMETERS

SAMPLE ID #	DATE / TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)
GW-5	6/29/04 11:45	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
64.73	13.4	11.18	0.739	74.2	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 6/04: 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	6/1/1998	12/14/98	6/23/99	12/15/99	6/22/00	1/11/01	7/3/01	12/12/01	6/20/02
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	7.502	7.95	8.77	10.57	6.36	8.76	7.22
specific conductance	uMHQS/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
turbidity	NTU	85.8	200	46.6		101.6	83.8	135.2										0		45		180
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	0.095.0	0.041	0.036	0.025	0.027	0.025	0.023	0.020
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
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
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
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
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

- 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)

STRIPPI, INC.
INTERIM REMEDIAL MEASURE
POSTCLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
SAMPLING: 4/95 TO 6/04: GW2

TEST PARAMETER	UNITS	SAMPLE ROUND																								
		4/1/95	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	1/22/04	6/29/04
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	10.53	11.73
specific conductance	uMHQS/cm	1870	1170	695	771	1239	1050	827	244	770	904	864	80	799	676	761	592	493	564	1000	730	530	568	519	533	672
turbidity	NTU	200.00	16.50	11.90		11.60	6.91	3.92	74.00											80	560	170	12	200	38	21
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	0.089	0.091	0.118	0.107	0.146	0.172	0.122	0.176	0.159	0.145	0.131	0.125	0.164	0.14	0.125
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	0.100	0.277
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	0.239				
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	0.175	0.692
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	0.010	0.013
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	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	720.59	719.93

- 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 6/04: 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	1/22/04	6/29/04
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	7.04	6.97
specific conductance	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	573	680
turbidity	NTU	26.00	26.80	191.00		70.70	5.12	150.30	47.40											140	51	350	53	390	90	14
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	0.064	0.079
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	0.571	1.61
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	27.3	27.3
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	0.072	0.261
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	0.002	0.014
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	0.50	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	711.29	709.98

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, 20

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING
SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 6/04:GW4

TEST PARAMETER	UNITS	SAMPLE ROUND																								
		4/1/95	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	1/22/04	6/29/04
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	8.87	8.97
specific conductance	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	543	54.1
turbidity	NTU	200	200	107		43	105	47	116											500	270	240	51	43	81	76
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	0.072/0.090	0.052	0.062	0.075	0.036	0.043
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	4.918/19	3.131/78	0.155	0.182	0.919	0.302	0.078
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	1.97	1.46
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	0.039	0.086	0.010	0.010	0.010/0.010	0.010/0.010	0.010	0.010	0.022	0.010	0.010
manganese, total	mg/L	0.320	0.162	0.320	0.240	0.005	0.005	0.086	0.076	0.034	0.020	0.023	0.010	0.072	0.094	0.039	0.086	0.010	0.027	0.106/0.201	0.074/0.037	0.002	0.002	0.002	0.002	0.002
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	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				
Zbutanone	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	717.21	715.34

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 6/04: GWS

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	1/22/04	6/29/04
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	10.04	11.18
specific conductance	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	740	739
turbidity	NTU	200	168	113		163	181	38	50										44	360	300		14	360	80	74
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	0.057	0.042
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	1.32	0.43
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	4.35	4.95
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					
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	0.029	0.030
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	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					
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					
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					
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					
trans 1,2-dichloroethene	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					
1,1-dichloroethane	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					
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					
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					
1,1,1-trichloroethane	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					
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					
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					
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					
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					
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					
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					
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					
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					
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	721.09	719.79

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 29, 2004 SAMPLE ROUND**

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

Date of Inspection: 6.29.07

Inspected By: Aann Farrell

Summary of Observation:

General Condition of Cover: overgrown grasses 3-4 1/2' tall

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

Explain (include measurement & site sketch):

overgrown

Evidence of cracking: ☐ Yes ☒ No

Explain (include measurements and site sketch):

overgrown

Evidence of water seepage: ☐ Yes ☒ No

Explain: overgrown

Evidence of Settlement: ☐ Yes ☒ No

Explain: overgrown

Condition of monitoring wells and gas wells: Good condition

Condition of Vegetative Cover: overgrown, thriving

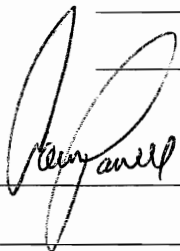
Condition of drainage ways (discuss amount of water/sediments present, vegetative growth unusual staining, blockage, etc.). mostly dry, no staining or odors, somewhat overgrown with vegetation

Additional Comments: _____

Action Item(s) Required: _____

Action Item(s) completed since last inspection: _____

Signatures:

 _____