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**IRM MONITORING AND
MAINTENANCE REPORT
ANNUAL REPORT 1995-1996
STRIPPIT, INC.
AKRON, NEW YORK
NYSDEC SITE NUMBER 9-15-053**

Prepared by: Day Environmental, Inc.
2144 Brighton-Henrietta Town Line Road
Rochester, New York 14623

Prepared for: Strippit, Inc.
A Unit of IDEX Corporation
12975 Clarence Center Road
Akron, New York 14001

Date: March, 1996

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1.0 INTRODUCTION

Strippit, Inc., a Unit of IDEX Corporation (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 outlined 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. The above was reviewed and approved by the NYSDEC prior to implementation.

This annual report summarizes the results of the four quarterly sample rounds completed at the Site on April 11, 1995, July 12, 1995, October 16, 1995 and January 22, 1996, includes a statistical evaluation of data collected during these rounds to compare downgradient concentrations to upgradient concentrations. This report also includes a discussion of groundwater flow conditions, the results of the January 22, 1996 inspection of the Site and a discussion of the long-term groundwater monitoring completed within the last year.

2.0 GROUNDWATER SAMPLING PROCEDURES

Generally, groundwater samples were collected in 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). Following these measurements, water was purged from each well using a dedicated bailer. Typically the wells were purged until a volume of water equal to approximately three well casings was removed or until the 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. Each of the samples collected for subsequent testing was given a unique field sample code. A typical code is shown below.

0532-01226-GW1

Where:

0532	=	job designation
01226	=	sample date
GW1	=	sample location

The analytical laboratory also assigned lab numbers to each of the samples to track the samples throughout the testing process (refer to the analytical laboratory report for the January 22, 1996 sample round included in Appendix A).

The initial groundwater samples collected from each well were tested in the field for the following parameters using the equipment listed below.

- pH: Cole-Parmer Model 05985-80 Digi-Sensit pH Meter
- Specific conductance and temperature: Cole-Parmer Model 1481-5 Conductivity/Temperature Meter
- Turbidity: LaMotte Model 2008 Turbidity Meter [Note: This equipment malfunctioned during the January 22, 1996 sample round and turbidity measurements could not be made.]

Following the field testing, samples were collected for analytical testing. These samples were placed in pre-cleaned sample containers provided by the analytical laboratory. The analytical laboratory added necessary preservatives to the containers before they were delivered to the Site.

The containers for volatile organic compound (VOC) testing were filled first. The remaining sample containers were filled by placing approximately equal amounts of sample from the bailer into each sample 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 picked up by the analytical laboratory for testing. Chain-of-custody documentation was maintained throughout the sample collection process. Copies of the executed chain-of-custody forms for the January 22, 1996 sample round are included with the test results in Appendix A.

Executed copies of the monitoring well sample logs for the January 22, 1996 sample round are included in Appendix B (documentation for previous rounds was submitted in earlier quarterly reports). These logs summarize in-situ measurements, groundwater depths, purging information and other relative data.

3.0 GROUNDWATER ELEVATIONS AND FLOW PATTERNS

During each 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 each of the sample rounds are included on the table in Appendix C.

Groundwater contour maps for the April 11, 1995 sample round (i.e., seasonally high groundwater elevations) and the October 16, 1995 sample round (i.e., seasonally low groundwater elevations) are included as Figures 3 and 4, respectively. As indicated by the contour maps, monitoring wells GW-2 and GW-5 are located in apparent upgradient positions and the remaining wells (GW-1, GW-3 and GW-4) are located in downgradient positions relative to the IRM fill area and wells GW-2 and GW-5. As depicted on Figures 3 and 4, the direction of groundwater flow is generally to the north (i.e., towards GW-4) and the northwest (i.e., towards GW-1 and GW-3).

4.0 ANALYTICAL LABORATORY RESULTS

During the January 22, 1996 sample round, groundwater samples were collected from each of the five monitoring wells (i.e., GW-1 through GW-5). A duplicate sample, designated "DUP", was collected from monitoring well GW-3. A trip blank, designated "TRIP", was prepared by the analytical laboratory and handled/transported similarly to the other test samples. Also during this sample round a matrix spike sample, designated MS, and a matrix spike duplicate sample, designated MSD, were also collected from monitoring well GW-3. Testing of the MS and MSD samples indicated that the concentrations measured were within acceptable limits (see laboratory report in Appendix A). All samples were analyzed by ACTS Testing Labs, Inc. (ACTS) of Buffalo, New York for the following parameters.

- TCL Volatile Organic Compounds via USEPA Method 8240
- TCL Semi-Volatile Organic Compounds (acid extractable fraction) via USEPA Method 8270
- Total and Soluble Barium, Cyanide, Iron, Magnesium and Manganese via applicable procedures listed in "Standard Methods for the Examination of Water and Wastewater," 17th Edition, 1989

Each sample was analyzed for the complete list of parameters presented above, except the trip blank which was only analyzed for TCL VOCs. ACTS filtered a portion of unpreserved sample from each test location using a 2-micron filter to create the "soluble" sample for testing. As required by the post-closure monitoring and maintenance plan, ACTS provided Category A deliverables in accordance with NYSDEC Analytical Services Protocols (ASP), September 1989 (revised 12/91). A copy of ACTS report for the samples collected on January 22, 1996 is included in Appendix A.

Field and analytical test parameters measured above applicable detection limits reported by the analytical laboratory during any of the quarterly sample rounds and applicable mean and standard deviation values for these parameters are summarized in the tables presented in Appendix C. Groundwater elevations measured during each sample round are also included on these tables.

5.0 SITE INSPECTION REPORT JANUARY 22, 1996 SAMPLE ROUND

A copy of the site inspection report completed during the January 22, 1996 sample round is included in Appendix D. Copies of photographs, showing the condition of the Site at the time of the inspection are also included in Appendix D.

6.0 DISCUSSION

Groundwater level measurements made during the January 22, 1996 sample round range from about 2.5 feet (GW-4) to 3.2 feet (GW-5) higher than those measured during the October 16, 1995 sample round (i.e., the lowest groundwater elevations measured during the quarterly sample rounds); water levels measured during the January 22, 1996 sample round ranged from about 0.6 feet (GW-1) to 1.4 feet (GW-4) less than those measured in April, 1995 (i.e., the highest groundwater elevations measured during the four quarterly sample rounds). Despite the variation in groundwater elevations, the pattern of groundwater flow was similar in each of the four sample rounds (i.e., flow towards the north-northwest; refer to Figures 3 and 4).

A review of the mean concentrations for the detected parameters indicates that the majority of the inorganic compounds detected were measured at concentrations below Class GA standards established in 6 NYCRR Parts 700-705 for potable groundwater supplies. Mean values exceeding these standards include total iron in all wells and soluble iron in wells GW-1, GW-3, GW-4 and GW-5. The mean values for total manganese exceed Class GA standards in GW-3 and GW-5 but soluble concentrations and the remaining total concentrations were less than the Class GA standards. The mean concentration for total magnesium exceed Class GA standards in wells GW-1, GW-3, GW-4 and GW-5. Only the mean concentrations of soluble magnesium in wells GW-1 and GW-4 exceed Class GA standards. The mean concentration of methylene chloride in wells GW-1 and GW-2 and the mean phenol concentration in GW-2 exceed the Class GA standards. No mean concentration for other volatile organic compounds or semi-volatile organic compounds exceed the Class GA standards. The mean pH values measured in the upgradient wells (GW-2 and GW-5) are elevated (i.e., they exceed 8.5 standard units). However, elevated pH values were not measured in downgradient wells. The source of these elevated readings is unknown, but apparent bentonite was observed on the bailer when GW-2 was purged during the October 16, 1995 sample round. It is possible that the bentonite could have been the source of the elevated pH values. The bentonite could have been accidentally placed in this well when it was installed or extended during cap construction. ?

To assess groundwater quality variations at the Site, the mean concentrations for parameters detected in upgradient wells (i.e., GW-2 and GW-5) were initially compared to the mean concentrations of detected compounds in downgradient wells (i.e., GW-1, GW-3 and GW-4). To complete this evaluation, the upgradient wells were grouped to establish a single "background" concentration for each of the detected parameters and this background value was compared to the mean concentrations in each of the downgradient wells. This comparison indicates that the mean concentration in the downgradient wells for the following parameters exceed the background concentration:

- total and soluble magnesium in GW-1, GW-3 and GW-4;
- total manganese in wells GW-3 and GW-4;
- soluble manganese in wells GW-1 and GW-3;
- toluene in well GW-3;
- 2-butanone in well GW-3;
- methylene chloride in well GW-1;
- m,p-xylenes in wells GW-3 and GW-4.

The mean concentration of the other detected compounds in the downgradient wells is less than or comparable to background concentrations.

To evaluate if the apparent increase in the above downgradient wells is statistically significant, a Student's T-test at the 0.05 level of significance was completed. Generally, this test included the comparison of the background concentration calculated for wells GW-2 and GW-5 to the mean concentrations for the above parameters/wells utilizing the following:

$$t = \frac{\bar{X}_1 - \bar{X}_2}{s (1/n)^{1/2}}$$

Where the background concentration (\bar{X}_1) is compared to the mean concentration in downgradient wells (\bar{X}_2) and s is the standard deviation and n is the number of samples from the downgradient sample set. If t is greater than a published critical value of t (based on the degrees of freedom, n - 1 and $\alpha = 0.05$), the increase in the downgradient wells is considered to be statistically significant.

The results of the t-tests indicate that the increases in the mean concentration of total and soluble magnesium are statistically significant. The increase in the mean concentration of total manganese in GW-4 is statistically significant, however, the increase in the mean concentration of soluble manganese is not statistically significant. All of the other compounds evaluated during the t-testing were determined not to be statistically significant.

Based upon the above evaluation, magnesium (and potentially manganese in well GW-4) appears to have caused a degradation of groundwater quality in positions downgradient of the Site. It is recommended that these compounds be evaluated during subsequent sample rounds to determine if increasing trends of groundwater degradation are evident. It is also recommended that the groundwater monitoring program be evaluated to eliminate

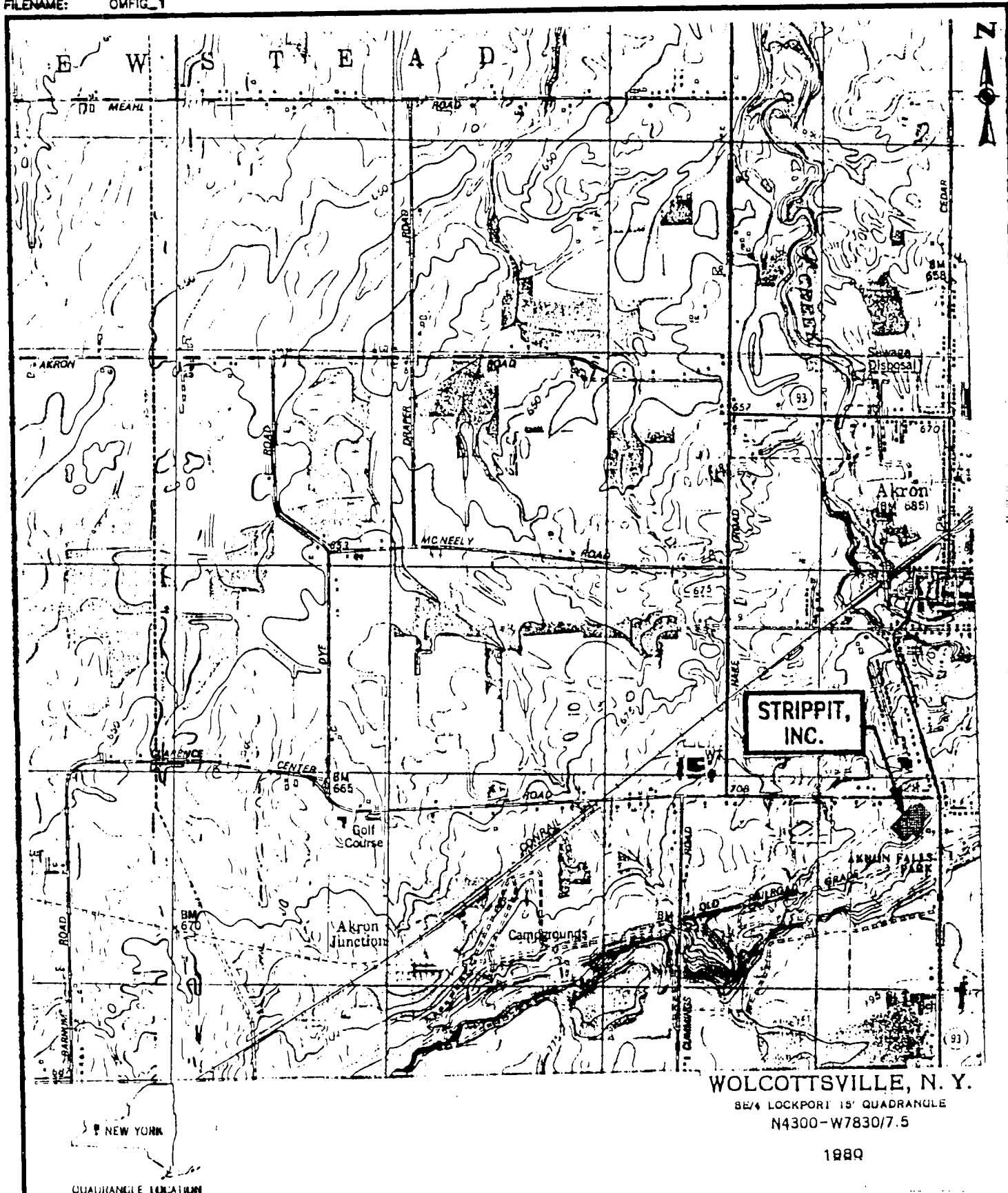
parameters which are typically not detected and/or detected at consistently low concentrations (e.g., cyanide, semi-volatile organic compounds, etc.).

Monitoring of the IRM closure, during the January 22, 1996 sample round, indicates that the cap system is in relatively good condition. While some portions of the cap were covered with snow, the grass cover appeared to be generally well established on the side slopes and on the top of the cap (refer to the inspection report and photographs in Appendix D).

Areas of minor erosion and cracking noted during earlier inspections have been filled with topsoil and seeded. These included an area along the northern slope (i.e., in proximity to the gas line connecting the gas well to the condenser tank) and an area to the northeast of the Site (i.e., presumably the location of a gas pipeline installed to connect a nearby gas well to Strippit's system). Evidence of new growth was not apparent in the areas that were re-seeded and it is recommended that these areas be inspected in the spring and repaired as necessary. Areas of minor erosion were also observed along some of the perimeter drainage paths. This erosion should be also be assessed in the spring and repaired as necessary.

The monitoring wells and the gas well are in relatively good condition. The surface seal for monitoring well GW-3 was repaired following the October, 1995 sample round. Inspection of this repair during the January 22, 1996 sample round indicated that this seal has been adequately repaired.

FIGURE 1
LOCUS PLAN



PROJECT NO.
94-2430R
FIGURE

1

PROJECT TITLE
STRIPPIT, INC.
12975 CLARENCE CENTER ROAD
AKRON, NEW YORK

DRAWING TITLE
LOCUS PLAN



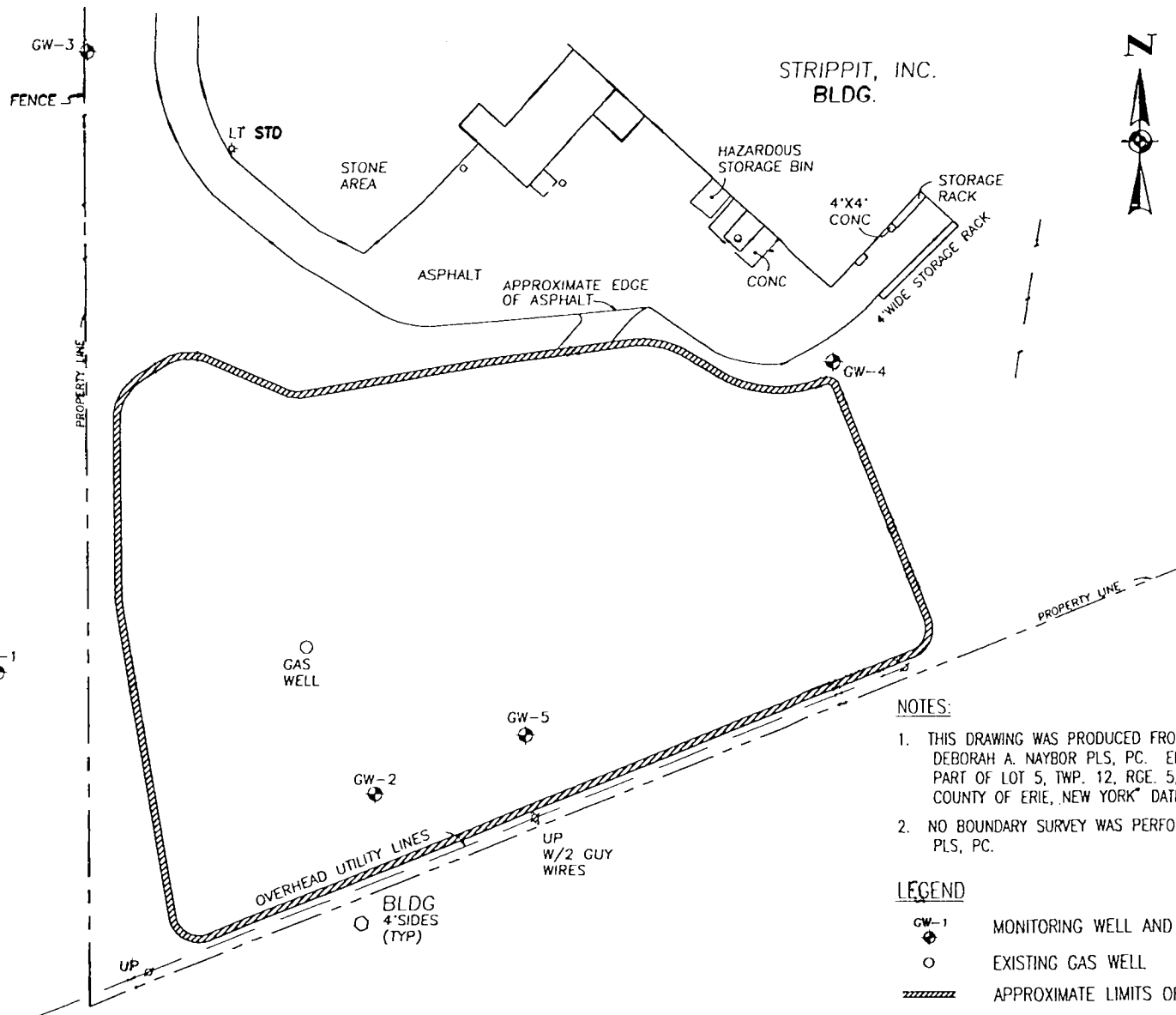
DAY ENGINEERING, P.C.
ENVIRONMENTAL ENGINEERING CONSULTANTS
ROCHESTER, NEW YORK

DATE
10/3/94

DRAWN BY
JJD

SCALE
1"=2000'

FIGURE 2
SITE PLAN



NOTES:

1. THIS DRAWING WAS PRODUCED FROM A DRAWING PROVIDED BY: DEBORAH A. NAYBOR PLS, PC. ENTITLED "TOPOGRAPHIC MAP PART OF LOT 5, TWP. 12, RGE. 5, SEC. 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

- ● MONITORING WELL AND DESIGNATION
- EXISTING GAS WELL
- ===== APPROXIMATE LIMITS OF FORMER DISPOSAL AREA

DESIGNED BY	DATE
RLK	10/3/94
DRAWN BY	DATE DRAWN
JJD	10/3/94
SCALE	DATE ISSUED
1"=60'	12/1/94

DAY ENGINEERING, P.C.
 ENVIRONMENTAL ENGINEERING CONSULTANTS
 ROCHESTER, NEW YORK

PROJECT TITLE
 STRIPPIT, INC.
 12975 CLARENCE CENTER ROAD
 AKRON, N.Y.

DRAWING TITLE SITE LOCATION MAP

PROJECT NO.
 94-2430R
 FIGURE
 2

FIGURE 3

GROUNDWATER CONTOUR MAP: APRIL 11, 1995



1. THIS DRAWING WAS PRODUCED FROM A DRAWING PROVIDED BY: DEBORAH A. NAYBOR PLS, PC. ENTITLED "TOPOGRAPHIC MAP PART OF LOT 5, TWP. 12, RGE 5, SEC. 6, TOWN OF NEWSTEAD, COUNTY OF ERIE, NEW YORK" DATED 3/4/93 & REVISED 3/2/93.
2. NO BOUNDARY SURVEY WAS PERFORMED BY DEBORAH A. NAYBOR PLS. PC.


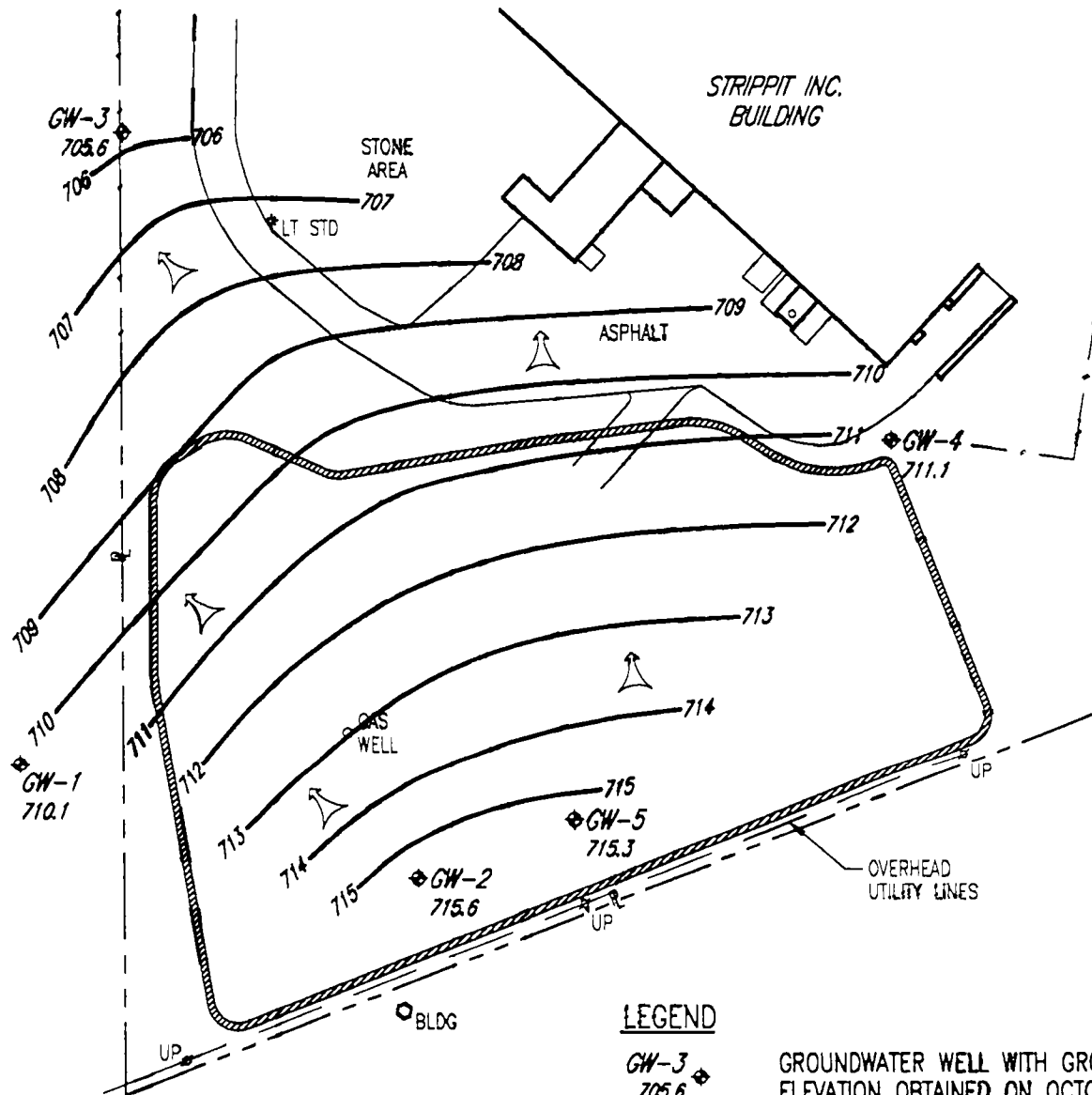
PROJECT NO. 94-2430R	PROJECT TITLE STRIPPIT, INC. 12975 CLARENCE CENTER ROAD AKRON, NEW YORK	 DAY ENGINEERING, P.C. <i>ENVIRONMENTAL ENGINEERING CONSULTANTS ROCHESTER, NEW YORK</i>	DATE 3/8/96
FIGURE 3	DRAWING TITLE GROUNDWATER CONTOUR MAP: APRIL 11, 1995		DRAWN BY RJM
SHEET 1 OF 1			SCALE 1" = 100'

FIGURE 4

GROUNDWATER CONTOUR MAP: OCTOBER 16, 1995



LEGEND

- GW-3 705.6 ◆ GROUNDWATER WELL WITH GROUNDWATER ELEVATION OBTAINED ON OCTOBER 16, 1995
- 712 ——— 712 GROUNDWATER CONTOUR
- GROUNDWATER FLOW DIRECTION
- - - - - EXISTING FENCE LOCATION
- ===== APPROXIMATE LIMITS OF FORMER DISPOSAL AREA
- — — — — PROPERTY LINE

NOTES:

1. THIS DRAWING WAS PRODUCED FROM A DRAWING PROVIDED BY: DEBORAH A. NAYBOR PLS, PC. ENTITLED "TOPOGRAPHIC MAP PART OF LOT 5, TWP. 12, RGE 5, SEC. 6, TOWN OF NEWSTEAD, COUNTY OF ERIE, NEW YORK" DATED 3/4/93 & REVISED 3/2/93.
2. NO BOUNDARY SURVEY WAS PERFORMED BY DEBORAH A. NAYBOR PLS, PC.

PROJECT NO.
94-2430R

FIGURE 4
 SHEET 1 OF 1

PROJECT TITLE
STRIPPIT, INC.
12975 CLARENCE CENTER ROAD
AKRON, NEW YORK

 DRAWING TITLE
GROUNDWATER CONTOUR
MAP: OCTOBER 16, 1995



DAY ENGINEERING, P.C.
 ENVIRONMENTAL ENGINEERING CONSULTANTS
 ROCHESTER, NEW YORK

DATE
 3/8/96

 DRAWN BY
 RJM

 SCALE
 1" = 100'

APPENDIX A

**ACTS TESTING LABS, INC
REPORT & CHAIN-OF-CUSTODY DOCUMENTATION
JANUARY 22, 1996 SAMPLE ROUND**



ACTS TESTING LABS, INC.

3916 Broadway
Buffalo, NY 14227-1104
Tel (716) 684-3300
Fax (716) 684-3303

Technical Report #6B-00630E
Project Name: Strippit: Long Term Monitoring
Project # 0532R-95

February 8, 1996
Page 1 of 7
ELAP ID# 10247

Mr. Ray Kampff
DAY ENVIRONMENTAL, INC.

SUBJECT:

Analyses of nine (9) water samples for various parameters. The samples were received on January 22, 1996.

RESULTS:

See Pages Two through Seven.

EXPERIMENTAL:

Volatile Organics in water were determined according to United States Environmental Protection Agency Method 8240: Volatile Organics.

Semi-volatile Organics in water were determined according to United States Environmental Protection Agency Method 8270: Semi-volatile Organics.

The remaining analyses were determined according to procedures listed in "Standard Methods for the Examination of Water and Wastewater," 17th Edition, 1989.

ACTS TESTING LABS, INC.

Charles E. Hartke (CDB)

Charles E. Hartke
Manager, Chemistry Laboratory

ACTS TESTING LABS, INC.

Elizabeth R. Hausler
Elizabeth R. Hausler, Supervisor
Gas Chromatography Laboratory

ACTS TESTING LABS, INC.

Lisa M. Clerici
Lisa M. Clerici, Supervisor
Wet Chemistry Laboratory

cme

Our reports and letters are for the exclusive use of the client to whom/which they are addressed. Communication of ACTS Testing Labs, Inc. reports and letters to any others and/or of the name of ACTS Testing Labs, Inc. requires our written approval. Our letters and reports are limited solely (i) to standards and procedures identified in them and (ii) to the sample(s) tested. Test results are not necessarily indicative nor representative (i) of the quality of the lot from which the sample was taken or (ii) of apparently similar or identical products. Unless otherwise stated, it is the responsibility of the client to insure the representativeness of the samples submitted to ACTS Testing Labs, Inc. for testing.

USA

Hong Kong

France

Canada

Singapore



February 8, 1996
Technical Report #6B-00630E
Page 2 of 7

RESULTS:

	ACTS #6B-00630E 0532R-01226-GW1	ACTS #6B-00631E 0532R-01226-GW2	ACTS #6B-00632E 0532R-01226-GW3
pH	9.07	12.23	8.44
Barium, Soluble	0.12	0.15	0.09
Barium, Total	0.13	0.18	0.09
Cyanide, Soluble	< 0.010	< 0.010	< 0.010
Cyanide, Total	< 0.010	< 0.010	< 0.010
Iron, Soluble	8.24	0.43	3.33
Iron, Total	8.34	1.26	4.35
Magnesium, Soluble	66.8	1.01	33.7
Magnesium, Total	68.8	1.36	34.5
Manganese, Soluble	0.23	0.03	0.20
Manganese, Total	0.24	0.04	0.22

	ACTS #6B-00633E 0532R-01226-GW4	ACTS #6B-00634E 0532R-01226-GW5	ACTS #6B-00635E 0532R-01226-DUP
pH	9.07	11.54	8.39
Barium, Soluble	0.11	0.18	0.08
Barium, Total	0.13	0.23	0.09
Cyanide, Soluble	< 0.010	< 0.010	< 0.010
Cyanide, Total	< 0.010	< 0.010	< 0.010
Iron, Soluble	8.32	24.8	2.71
Iron, Total	9.85	34.3	3.83
Magnesium, Soluble	47.9	33.5	30.2
Magnesium, Total	49.4	42.5	30.4
Manganese, Soluble	0.20	0.57	0.18
Manganese, Total	0.24	0.76	0.20

Results are reported as milligrams per liter (mg/L).

	ACTS #6B-00637E 0532R-01226-MS	ACTS #6B-00638E 0532R-01226-MSD
Barium, Soluble	97.0	96.0
Barium, Total	94.0	101
Cyanide, Soluble	90.9	115
Cyanide, Total	101	110
Iron, Soluble	107	112
Iron, Total	117	115
Magnesium, Soluble	100	108
Magnesium, Total	101	97.5
Manganese, Soluble	102	101
Manganese, Total	98.0	106

Results are reported as percent (%).

<u>TCL SEMI VOLATILES</u>	<u>ACTS #6B-00630E</u> <u>0532R-01226-GW1</u>	<u>ACTS #6B-00631E</u> <u>0532R-01226-GW2</u>	<u>ACTS #6B-00632E</u> <u>0532R-01226-GW3</u>
Phenol	< 1.0	3.0	< 1.0
2-Chlorophenol	< 1.0	< 1.0	< 1.0
2-Methylphenol	< 1.0	< 1.0	< 1.0
4-Methylphenol	< 1.0	< 1.0	< 1.0
2-Nitrophenol	< 1.0	< 1.0	< 1.0
2,4-Dimethylphenol	< 1.0	< 1.0	< 1.0
2,4-Dichlorophenol	< 1.0	< 1.0	< 1.0
4-Chloro-3-methylphenol	< 1.0	< 1.0	< 1.0
2,4,6-Trichlorophenol	< 5.0	< 5.0	< 5.0
2,4,5-Trichlorophenol	< 5.0	< 5.0	< 5.0
2,4-Dinitrophenol	< 1.0	< 1.0	< 1.0
4-Nitrophenol	< 10.0	< 10.0	< 10.0
4,6-Dinitro-2-methylphenol	< 2.0	< 2.0	< 2.0
Pentachlorophenol	< 1.0	< 1.0	< 1.0

	<u>ACTS #6B-00633E</u> <u>0532R-01226-GW4</u>	<u>ACTS #6B-00634E</u> <u>0532R-01226-GW5</u>	<u>ACTS #6B-00635E</u> <u>0532R-01226-DUP</u>
Phenol	< 1.0	< 1.0	< 1.0
2-Chlorophenol	< 1.0	< 1.0	< 1.0
2-Methylphenol	< 1.0	< 1.0	< 1.0
4-Methylphenol	< 1.0	< 1.0	< 1.0
2-Nitrophenol	< 1.0	< 1.0	< 1.0
2,4-Dimethylphenol	< 1.0	< 1.0	< 1.0
2,4-Dichlorophenol	< 1.0	< 1.0	< 1.0
4-Chloro-3-methylphenol	< 1.0	< 1.0	< 1.0
2,4,6-Trichlorophenol	< 5.0	< 5.0	< 5.0
2,4,5-Trichlorophenol	< 5.0	< 5.0	< 5.0
2,4-Dinitrophenol	< 1.0	< 1.0	< 1.0
4-Nitrophenol	< 10.0	< 10.0	< 10.0
4,6-Dinitro-2-methylphenol	< 2.0	< 2.0	< 2.0
Pentachlorophenol	< 1.0	< 1.0	< 1.0

Results are reported as micrograms per liter (ug/L).

	<u>ACTS #6B-00637E</u> <u>0532R-01226-MS</u>	<u>ACTS #6B-00638E</u> <u>0532R-01226-MSD</u>
Phenol	40.0	46.0
2-Chlorophenol	83.0	90.0
2-Methylphenol	73.0	80.0
4-Methylphenol	67.0	75.0
2-Nitrophenol	100	110
2,4-Dimethylphenol	70.0	71.0
2,4-Dichlorophenol	89.0	90.0
4-Chloro-3-methylphenol	90.0	91.0
2,4,6-Trichlorophenol	82.0	83.0
2,4,5-Trichlorophenol	96.0	96.0
2,4-Dinitrophenol	86.0	85.0
4-Nitrophenol	54.0	58.0
4,6-Dinitro-2-methylphenol	100	100
Pentachlorophenol	60.0	59.0

Results are reported as percent (%).

<u>TCL VOLATILES</u>	<u>ACTS #6B-00630E</u> <u>0532R-01226-GW1</u>	<u>ACTS #6B-00631E</u> <u>0532R-01226-GW2</u>	<u>ACTS #6B-00632E</u> <u>0532R-01226-GW3</u>
Dichlorodifluoromethane	< 0.5	< 0.5	< 0.5
Chloromethane	< 0.5	< 0.5	< 0.5
Vinyl Chloride	< 0.5	< 0.5	< 0.5
Bromomethane	< 0.5	< 0.5	< 0.5
Chloroethane	< 0.5	< 0.5	< 0.5
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5
Acetone	6.0	24.0	< 5.0
Carbon Disulfide	< 0.5	< 0.5	< 0.5
Methylene Chloride	< 5.0	10.0	< 5.0
trans-1,2-Dichloroethene	< 0.5	< 0.5	< 0.5
1,1-Dichloroethane	< 0.5	< 0.5	< 0.5
Chloroform	< 0.5	0.6	< 0.5
1,2-Dichloroethane	< 0.5	< 0.5	< 0.5
2-Butanone	0.5	2.0	< 0.5
1,1,1-Trichloroethane	< 0.5	< 0.5	< 0.5
Carbon Tetrachloride	< 0.5	< 0.5	< 0.5
Benzene	< 0.5	< 0.5	< 0.5
Trichloroethene	< 0.5	< 0.5	< 0.5
1,2-Dichloropropane	< 0.5	< 0.5	< 0.5
Bromodichloromethane	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone	< 0.5	< 0.5	< 0.5
2-Hexanone	< 5.0	< 5.0	< 5.0
Toluene	0.6	0.6	< 0.5
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 0.5	< 0.5	< 0.5
Tetrachloroethene	< 0.5	< 0.5	< 0.5
Dibromochloromethane	< 0.5	< 0.5	< 0.5
1,2-Dibromoethane	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 0.5	< 0.5	< 0.5
Ethylbenzene	< 0.5	< 0.5	< 0.5
M,P-Xylenes	< 1.0	< 1.0	< 1.0
O-Xylene	< 0.5	< 0.5	< 0.5
Styrene	< 0.5	< 0.5	< 0.5
Bromoform	< 0.5	< 0.5	< 0.5
1,1,2,2-Tetrachloroethane	< 0.5	< 0.5	< 0.5
1,2-Dibromo-3-chloropropane	< 0.5	< 0.5	< 0.5

Results are reported as micrograms per liter (ug/L).

February 8, 1996
 Technical Report #6B-00630E
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TCL VOLATILES	ACTS #6B-00633E 0532R-01226-GW4	ACTS #6B-00634E 0532R-01226-GW5	ACTS #6B-00635E 0532R-01226-DUP
Dichlorodifluoromethane	< 0.5	< 0.5	< 0.5
Chloromethane	< 0.5	< 0.5	< 0.5
Vinyl Chloride	< 0.5	< 0.5	< 0.5
Bromomethane	< 0.5	< 0.5	< 0.5
Chloroethane	< 0.5	< 0.5	< 0.5
1,1-Dichloroethene	< 0.5	< 0.5	< 0.5
Acetone	14.0	8.0	6.0B
Carbon Disulfide	< 0.5	< 0.5	< 0.5
Methylene Chloride	10.0	12.0	6.0
trans-1,2-Dichloroethene	< 0.5	< 0.5	< 0.5
1,1-Dichloroethane	< 0.5	< 0.5	< 0.5
Chloroform	0.8	< 0.5	< 0.5
1,2-Dichloroethane	< 0.5	< 0.5	< 0.5
2-Butanone	1.0	< 0.5	0.6
1,1,1-Trichloroethane	< 0.5	0.5	< 0.5
Carbon Tetrachloride	< 0.5	< 0.5	< 0.5
Benzene	< 0.5	< 0.5	< 0.5
Trichloroethene	< 0.5	< 0.5	< 0.5
1,2-Dichloropropane	< 0.5	< 0.5	< 0.5
Bromodichloromethane	< 0.5	< 0.5	< 0.5
cis-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
4-Methyl-2-pentanone	< 0.5	< 0.5	< 0.5
2-Hexanone	< 5.0	< 5.0	< 5.0
Toluene	< 0.5	< 0.5	< 0.5
trans-1,3-Dichloropropene	< 0.5	< 0.5	< 0.5
1,1,2-Trichloroethane	< 0.5	< 0.5	< 0.5
Tetrachloroethene	< 0.5	< 0.6	< 0.5
Dibromochloromethane	< 0.5	< 0.5	< 0.5
1,2-Dibromoethane	< 0.5	< 0.5	< 0.5
Chlorobenzene	< 0.5	< 0.5	< 0.5
Ethylbenzene	< 0.5	< 0.5	< 0.5
M,P-Xylenes	< 1.0	< 1.0	< 1.0
O-Xylene	< 0.5	< 0.5	< 0.5
Styrene	< 0.5	< 0.5	< 0.5
Bromoform	< 0.5	< 0.5	< 0.5
1,1,2,2-Tetrachloroethane	< 0.5	< 0.5	< 0.5
1,2-Dibromo-3-chloropropane	< 0.5	< 0.5	< 0.5

Results are reported as micrograms per liter (ug/L).
 B=Found in Method Blank at 10.0 ug/L.

<u>TCL VOLATILES</u>	<u>ACTS #6B-00636E</u> <u>0532R-01226-TRIP</u>
Dichlorodifluoromethane	< 0.5
Chloromethane	< 0.5
Vinyl Chloride	< 0.5
Bromomethane	< 0.5
Chloroethane	< 0.5
1,1-Dichloroethene	< 0.5
Acetone	9.0B
Carbon Disulfide	< 0.5
Methylene Chloride	10.0
trans-1,2-Dichloroethene	< 0.5
1,1-Dichloroethane	< 0.5
Chloroform	< 0.5
1,2-Dichloroethane	< 0.5
2-Butanone	< 0.5
1,1,1-Trichloroethane	< 0.5
Carbon Tetrachloride	< 0.5
Benzene	< 0.5
Trichloroethene	< 0.5
1,2-Dichloropropane	< 0.5
Bromodichloromethane	< 0.5
cis-1,3-Dichloropropene	< 0.5
4-Methyl-2-pentanone	< 0.5
2-Hexanone	< 5.0
Toluene	< 0.5
trans-1,3-Dichloropropene	< 0.5
1,1,2-Trichloroethane	< 0.5
Tetrachloroethene	< 0.5
Dibromochloromethane	< 0.5
1,2-Dibromoethane	< 0.5
Chlorobenzene	< 0.5
Ethylbenzene	< 0.5
M,P-Xylenes	< 1.0
O-Xylene	< 0.5
Styrene	< 0.5
Bromoform	< 0.5
1,1,2,2-Tetrachloroethane	< 0.5
1,2-Dibromo-3-chloropropane	< 0.5

Results are reported as micrograms per liter (ug/L).
B=Found in Method Blank at 10.0 ug/L.

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<u>TCL VOLATILES</u>	<u>ACTS #6B-00637E</u> <u>0532R-01226-MS</u>	<u>ACTS #6B-00638E</u> <u>0532R-01226-MSD</u>
Dichlorodifluoromethane	84.0	84.0
Chloromethane	76.0	80.0
Vinyl Chloride	88.0	88.0
Bromomethane	94.0	96.0
Chloroethane	84.0	88.0
1,1-Dichloroethene	100	106
Acetone	60.0	28.0
Carbon Disulfide	115	121
Methylene Chloride	94.0	90.0
trans-1,2-Dichloroethene	112	108
1,1-Dichloroethane	98.0	96.0
Chloroform	96.0	94.0
1,2-Dichloroethane	94.0	90.0
2-Butanone	57.0	39.0
1,1,1-Trichloroethane	92.0	94.0
Carbon Tetrachloride	102	102
Benzene	114	114
Trichloroethene	112	116
1,2-Dichloropropane	104	102
Bromodichloromethane	96.0	94.0
cis-1,3-Dichloropropene	88.0	88.0
4-Methyl-2-pentanone	82.0	74.0
2-Hexanone	76.0	64.0
Toluene	110	108
trans-1,3-Dichloropropene	100	98.0
1,1,2-Trichloroethane	98.0	94.0
Tetrachloroethene	90.0	94.0
Dibromochloromethane	106	104
1,2-Dibromoethane	94.0	90.0
Chlorobenzene	102	102
Ethylbenzene	100	98.0
M,P-Xylenes	110	110
O-Xylene	96.0	96.0
Styrene	96.0	96.0
Bromoform	47.0	45.0
1,1,2,2-Tetrachloroethane	88.0	84.0
1,2-Dibromo-3-chloropropane	80.0	78.0

Results are reported as percent (%).

INTERNAL CHAIN-OF-CUSTODY RECORDS
PROJECT NUMBER 0532R-95
TECHNICAL REPORT NUMBER 6B-00630E
STRIPPIT LONG TERM MONITORING

Read and Understood By

Ingested By	Initial		Date	Time	Initial
Edwards	CW	Logic	1/30/96	1:15	GO
		O+C (depleted)	1/30	2:00	DAU
		Ammonia	1/30	3:00	WZ
		↓	+	↓	↓
Edwards	CW	Logic	1/30	7:00	WZ
		8021 Stars, TEL	1/30/96	3:30	DAU
		↓	↓	↓	↓
		Metals	1/31	9:00	WZ
		Metals	1/31	9:30	WZ
		8021 STARS 1.0 ml depleted	1/31	10:20	EMH
		↓	↓	↓	↓
		8080, 608	1/31	10:00	TFA
		↓	↓	↓	↓
		TPO ₄	1/31	10:00	WZ
		Bcd	1/31	5:00	DAU
		O+C (depleted)	↓	10:15	↓
		NH ₃ -N	1/31	1:00	WZ
		625, 8270	↓	↓	↓
		↓	↓	↓	↓
		8080, 608	1/31/96	3:30	DAU
		8210, 8021 Stars	↓	↓	↓
Edwards	CW	Logic	1/31	2:00	WZ
		TEL 8270, 8270	1/31	2:20	TFA
		NH ₃ -N	1/31	3:45	WZ
		SS (depleted)	2/1	8:30	EMH
		O+C (depleted)	↓	9:30	↓
		TSS	↓	10:15	↓
		↓	↓	↓	↓

Continued on Page

Read and understood By

Signed

Date

Signed

Date

Date	Time	Sample ID	Initial	Received By
1/24/90	11 ¹⁵	6B-00630E, 6B-00631E, 6B-00632E, 6B-00633E	JHA	J. Hamilton
		6B-00634E, 6B-00635E, 6B-00637E, 6B-00638E	↓	↓
	11 ²⁵	6B-00610, 6B-00611, 6B-00612, 6B-00613, 6B-00614, 6B-00617	WZ	W. Z...
		6B-00615, 6B-00616	↓	↓
	1 ³⁰	6B-00697M, 6B-00698M, 6B-00699M, 6B-00700M	WZ	W. Z...
	2 ³⁰	6B-00700M	JHA	J. Hamilton
	2 ³⁰	6B-00621, 6B-00622, 6B-00623, 6B-00624, 6B-00625	WZ	W. Z...
	2 ³⁰	6B-00701	JHA	J. Hamilton
	2 ⁴⁵	6B-00687E	JHA	J. Hamilton
1/25/90	8:17	6B-00654E, 6B-00655E, 6B-00657E, 6B-00658E	JHA	J. Hamilton
	9:55	6B-00655E	JHA	J. Hamilton
	10:15	6B-00707, 6B-00708	JHA	J. Hamilton
		6B-00709, 6B-00710, 6B-00711, 6B-00712, 6B-00713, 6B-00714, 6B-00715, 6B-00716, 6B-00717, 6B-00718, 6B-00719, 6B-00720, 6B-00721, 6B-00722, 6B-00723, 6B-00724, 6B-00725, 6B-00726, 6B-00727, 6B-00728, 6B-00729, 6B-00730, 6B-00731, 6B-00732, 6B-00733, 6B-00734, 6B-00735, 6B-00736, 6B-00737, 6B-00738, 6B-00739, 6B-00740, 6B-00741, 6B-00742, 6B-00743, 6B-00744, 6B-00745, 6B-00746, 6B-00747, 6B-00748, 6B-00749, 6B-00750, 6B-00751, 6B-00752, 6B-00753, 6B-00754, 6B-00755, 6B-00756, 6B-00757, 6B-00758, 6B-00759, 6B-00760, 6B-00761, 6B-00762, 6B-00763, 6B-00764, 6B-00765, 6B-00766, 6B-00767, 6B-00768, 6B-00769, 6B-00770, 6B-00771, 6B-00772, 6B-00773, 6B-00774, 6B-00775, 6B-00776, 6B-00777, 6B-00778, 6B-00779, 6B-00780, 6B-00781, 6B-00782, 6B-00783, 6B-00784, 6B-00785, 6B-00786, 6B-00787, 6B-00788, 6B-00789, 6B-00790, 6B-00791, 6B-00792, 6B-00793, 6B-00794, 6B-00795, 6B-00796, 6B-00797, 6B-00798, 6B-00799, 6B-00800	↓	↓
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	1 ³⁰	6B-00738M	WZ	W. Z...
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	3 ³⁰	6B-00741	WZ	W. Z...
	3 ³⁰	6B-00724E	JHA	J. Hamilton
	3 ¹⁵	6B-00655, 6B-00656, 6B-00657, 6B-00658, 6B-00659, 6B-00660, 6B-00661, 6B-00662, 6B-00663, 6B-00664, 6B-00665, 6B-00666, 6B-00667, 6B-00668, 6B-00669, 6B-00670, 6B-00671, 6B-00672, 6B-00673, 6B-00674, 6B-00675, 6B-00676, 6B-00677, 6B-00678, 6B-00679, 6B-00680, 6B-00681, 6B-00682, 6B-00683, 6B-00684, 6B-00685, 6B-00686, 6B-00687, 6B-00688, 6B-00689, 6B-00690, 6B-00691, 6B-00692, 6B-00693, 6B-00694, 6B-00695, 6B-00696, 6B-00697, 6B-00698, 6B-00699, 6B-00700	WZ	W. Z...
	4:07	6B-00754M	WZ	W. Z...
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	9:00	6B-00719E	WZ	W. Z...
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Continued on Page

Read and Understood By

Date

Signed

Date

Inquired By	Initials	Comments	Date	Time	Initials
		TCL SV (depleted)	1/24	11 ⁵⁰	JTH
		↓	↓	↓	↓
		Hg	1/24	2 ⁰⁰	aur
		↓	↓	↓	↓
Edwards	Cue	Log in	1/24	1 ³⁰	MO
	↓	↓	1/24	2 ³⁰	JTH
		Metals	1/24	3 ⁰⁰	aur
		SS (depleted)	1/24	2 ³⁰	JTH
		↓	1/24	3 ⁰⁰	JTH
		LOI/602 i.e 2 depleted	1/25	10 ⁰⁰	ERI
		TCL SV, PEST	1/25	10 ⁰⁰	JTH
		SS (depleted)	1/25	10 ⁰⁵	JTH
		OTG (depleted)	↓	↓	↓
		↓	1/25	12 ⁰⁰	aur
		TPG	↓	↓	↓
Edwards	Cue	Log in	1/25	1 ³⁰	MO
		Ammonia	1/25	3 ⁰⁰	aur
		↓	↓	↓	↓
		Metals	1/25	4 ⁰⁰	aur
		LOI/602 i.e 4 depleted	1/25	3 ¹⁰	ERI
		Ammonia	1/25	4 ³⁰	aur
		↓	↓	↓	↓
Edwards	Cue	Log in	1/25	4 ⁰⁷	MO
		Chlorides	1-25	4 ⁵⁵	PC
		LOI/602			
		↓			
		Metals	1/25	10 ⁰⁰	aur
		↓	↓	↓	↓
		LOI/602 i.e 1 depleted	1/26	9:35 ^{am}	ERI
		SS (depleted)	1/26	9:30	JTH
		OTG (depleted)	↓	↓	↓
		BoD	↓	↓	↓

Continued on Page

Read and Understood By

Signed

Date

Signed

Date

Date _____

Inquired By	Initial	Comments	Date	Time	Initial
		Scay	1/26	12 ⁰⁰	WR
		625	1/26	12 ⁰⁰	WR
Edwards	Car	Logon	1/24	12 ⁰⁰	MD
		↓			
		STAR'S + 8240 1 val. depleted	1/26	2 ⁰⁰	EMH
		ON	1-26	2 ³⁰	PC
		TPH (418.1)	1/26	3 ⁰⁰	WR
		STAR'S, 8240, 503.1	1/27	10 ⁴⁰	EMH
		↓			
		Continuity	1-29-96	8 ³⁰	FC
		Metals	1/29	9 ⁰⁰	WR
		↓			
		TRIP HERE	1/29	9 ⁰⁰	5.5.8
		TPH	1/29	10 ⁰⁰	WR
Edwards	Car	Logon	1/29	10 ⁰⁰	MD
		↓			
		Phenols	1/29	10 ³⁰	WR
		046 (depleted)	1/29	11 ²⁰	EMH
		Continuity	1/29	10 ⁰⁰	PC
		606 (depleted)	1/29	1 ⁰⁰	7.5.8
		Ammonia	1/29	2 ³⁰	WR
		↓			
		TEL, 8240	1/29/96	3 ⁰⁰	MD
		↓			
		TSS	1/29	5 ⁰⁰	EMH
		↓			
Edwards	Car	Logon	1/30	8 ²⁰	MD
		↓			
		Metals	1/30	9 ⁰⁰	WR
		↓			
		Ammonia	1/30	1 ⁰⁰	WR
Edwards	Car	Logon	1/30	10 ⁰⁰	MD
		↓			
		TEL	1/30	11 ⁰⁰	WR
		↓			
		Continuity	1/30	12 ⁰⁰	WR

Read and Understood By

Signed

Date

Signed

Date

CHAIN-OF-CUSTODY RECORDS
PROJECT NUMBER 0532R-95
TECHNICAL REPORT NUMBER 6B-00630E
STRIPPIT LONG TERM MONITORING



3916 Broadway
Buffalo, NY 14227

Phone: 684-3300
Fax: 684-3303

Page 1 of 1

CHAIN-OF-CUSTODY RECORD

Project No.: 0532R-95		Project Name: Strippit: Long Term Monitoring		Company Name: Day Environmental, Inc.		Analysis					Ref rig er a t or	Sh el f	
Samplers: (Signatures) R. Kompff / G. Kompff		Report Recipient: R. Kompff											
Date	Time	Sample Type C o m p	G r a s	ACTS #	Sample Identification	Volume	# and Type of Containers	TC 8240 VOC	TC 8270 A/F	Soluble Ba, Fe, Mn, Pb, Cu	Total Ba, Fe, Pb, Mn, Cu	PH	Preservative
1/22/96	12:35	X		6300631E	0532R-01226-GW-1	1 Gall / 2-12 2500ml / 240ml		X	X	X	X	X	
	1417	X		6300631E	0532R-01226-GW-2			X	X	X	X	X	
	1324	X		6300632E	0532R-01226-GW-3			X	X	X	X	X	
	1150	X		6300633E	0532R-01226-GW-4			X	X	X	X	X	
	1441	X		6300634E	0532R-01226-GW-5			X	X	X	X	X	
	—	X		6300635E	0532R-01226-DUP			X	X	X	X	X	
↓	—			6300636E	0532R-01226-TRIP	2-40ml		X					
1/22/96	—	X		6300637E	0532R-01226-MSD			X	X	X	X	X	
↓	—	X		6300638E	0532R-01226-MSD			X	X	X	X	X	
Relinquished By: (Signature) G. Kompff		Date/Time: 1/22/96 1610		Received By: (Signature) Paula Power		Relinquished By: (Signature) Paula Power		Date/Time: 1/22/96 4:40pm		Received for Laboratory (Signature) Cindy Edwards		BL/Airbill Number:	

Distribution: White - Client
Yellow - Data Manager
Pink - Field Technician

Remarks: _____

SAMPLE RECEIPT CHECKLIST
PROJECT NUMBER 0532R-95
STRIPPIT LONG TERM MONITORING



CHEMISTRY LABORATORY SAMPLE RECEIPT CHECKLIST

Client: Day ZAV Date: 1-22-94
Contact: _____ Phone: _____
Address: _____ Fax: _____
Checked By: Mike
Sample Group Number: WB-004388- WB-006388

1. Chain of Custody Records Present/Absent
2. Sample Condition Intact/Broken/Leaking
3. Does information on the Chain of Custody correspond with Sample Labels Yes/No
4. Does information on the Chain of Custody correspond with Login Sheet Yes/No
5. Sample properly preserved Yes/No
 - _____ Sulfite NaOH + Zinc Acetate
 - _____ Metals with HNO₃
 - _____ Metals with Optima HNO₃
 - _____ Cyanide with NaOH + Ascorbic Acid
 - _____ COD with H₂SO₄
 - _____ Phenols with H₂SO₄
 - _____ Oil + Grease with H₂SO₄
 - _____ TPO₄ with H₂SO₄
 - _____ Ammonia, TKN with H₂SO₄

6. Irregularity
Sample Number: _____
Discrepancy: _____

Sample Number: _____
Discrepancy: _____

7. Date Contacted: _____
8. Corrective Action Taken: _____

Signed: Doug Bull

APPENDIX B

**MONITORING WELL SAMPLE LOGS
JANUARY 22, 1996 SAMPLE ROUND**

DAY ENGINEERING
MONITORING WELL SAMPLING LOG

GW-1

SECTION 1

SITE LOCATION: Strippit Inc./Akron, N.Y. JOB #: 0532R-95
PROJECT NAME: IRM Post-Closure Monitoring DATE: 1/22/96
SAMPLE COLLECTOR(S): R. Kampff
WEATHER CONDITIONS: Partially Cloudy - Windy 25°-30°F

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 58.45 (MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: 41.51 (MEASURED FROM T.O.C.)
DEPTH OF WATER COLUMN [FT]: 16.94 (DEPTH OF WELL - SWL)
CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 2.8
CALCULATIONS:
CASING DIA. (FT) WELL CONSTANT (GAL/FT) CALCULATIONS
2" (0.1667) 0.1632 VOL. OF H₂O IN CASING = DEPTH OF WATER COLUMN
4" (0.3333) 0.6528 x WELL CONSTANT
6" (0.5000) 1.4688
CALCULATED PURGE VOLUME [GAL]: _____ (3 - 5 TIMES CASING VOLUME - SPECIFY)
ACTUAL VOLUME PURGED [GAL]: 9
PURGE METHOD: Boiler PURGE START: 10⁰⁰ END: 1040

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
<u>0532-01226</u> <u>GW-1</u>	<u>1235</u>	<u>Boiler</u>	<u>See Chain-of-Custody</u>	

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (µMHOS/CM)	TURBIDITY (NTU)	VISUAL	PID/FID READING
		<u>8.52</u>	<u>889</u>	<u>0.000</u>	<u>Cloudy</u>	<u>—</u>

FD-201 (Rev. 11-81)

GW-2

DAY ENGINEERING
MONITORING WELL SAMPLING LOG

SECTION 1

SITE LOCATION: Strippit Inc. / Akron, N.Y. JOB #: 0532R-95
 PROJECT NAME: IRM Post-Closure Monitoring DATE: 1/22/96
 SAMPLE COLLECTOR(S): R. Kampft
 WEATHER CONDITIONS: Partially Cloudy - Windy 25°-30°F

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 78.65 (MEASURED FROM TOP OF CASING - T.O.C.)
 STATIC WATER LEVEL (SWL) [FT]: 52.03 (MEASURED FROM T.O.C.)
 DEPTH OF WATER COLUMN [FT]: 26.62 (DEPTH OF WELL - SWL)
 CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 4.3
 CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT (GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL. OF H ₂ O IN CASING = DEPTH OF WATER COLUMN x WELL CONSTANT
4" (0.3333)	0.6528	
6" (0.5000)	1.4688	

CALCULATED PURGE VOLUME [GAL]: _____ (3 - 5 TIMES CASING VOLUME - SPECIFY)
 ACTUAL VOLUME PURGED [GAL]: 5 (dry)
 PURGE METHOD: Bailer PURGE START: 0830 END: 0950

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
0532-01226 GW-2	1417	Bailer	See Chain-of-Custody	

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (µMHOS/CM)	TURBIDITY (NTU)	VISUAL	PID/FID READING
	—	11.09	771	—	C/Par	—

GW-3/DUP/MS/MSD

DAY ENGINEERING
MONITORING WELL SAMPLING LOG

SECTION 1

SITE LOCATION: Strippit Inc. / AKCO, N.Y. JOB #: 0532R-95
PROJECT NAME: IRM Post-Closure Monitoring DATE: 1/22/96
SAMPLE COLLECTOR(S): R. Kampft
WEATHER CONDITIONS: Partially Cloudy - Windy 25°-30° F

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 51.88 (MEASURED FROM TOP OF CASING - T.O.C.)
STATIC WATER LEVEL (SWL) [FT]: 34.43 (MEASURED FROM T.O.C.)
DEPTH OF WATER COLUMN [FT]: 17.45 (DEPTH OF WELL - SWL)
CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 2.85
CALCULATIONS:
CASING DIA. (FT) WELL CONSTANT (GAL/FT) CALCULATIONS
2" (0.1667) 0.1632 VOL OF H₂O IN CASING = DEPTH OF WATER COLUMN
4" (0.3333) 0.6528 x WELL CONSTANT
6" (0.5000) 1.4688
CALCULATED PURGE VOLUME [GAL]: _____ (3 - 5 TIMES CASING VOLUME - SPECIFY)
ACTUAL VOLUME PURGED [GAL]: 10
PURGE METHOD: Bailer PURGE START: 1045 END: 1115

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
0532-01226 GW-3	1324	Bailer	see chain-of-custody	

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (µMHOS/CM)	TURBIDITY (NTU)	VISUAL	PID/FID READING
	14.5	7.69	475	—	Cloudy	—

FILE: 0532R-95

GW-4

DAY ENGINEERING
MONITORING WELL SAMPLING LOG

SECTION 1

SITE LOCATION: Stippit, Inc./Akron, N.Y. JOB #: 0532R-95
 PROJECT NAME: IRM Post-Closure Monitoring DATE: 1/22/96
 SAMPLE COLLECTOR(S): R. Kampft
 WEATHER CONDITIONS: Partially Cloudy-Windy 25°-30°F

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 51.95 (MEASURED FROM TOP OF CASING - T.O.C.)
 STATIC WATER LEVEL (SWL) [FT]: 38.55 (MEASURED FROM T.O.C.)
 DEPTH OF WATER COLUMN [FT]: 13.4 (DEPTH OF WELL - SWL)
 CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 2.2
 CALCULATIONS:

CASING DIA.(FT)	WELL CONSTANT(GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL OF H ₂ O IN CASING = DEPTH OF WATER COLUMN x WELL CONSTANT
4" (0.3333)	0.6528	
6" (0.5000)	1.4688	

CALCULATED PURGE VOLUME [GAL]: _____ (3 - 5 TIMES CASING VOLUME - SPECIFY)
 ACTUAL VOLUME PURGED [GAL]: 6 (dry)
 PURGE METHOD: Bailer PURGE START: 0935 END: 0950

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
0532-01226 GW-4	1150	Bailer	See Chain-of-Custody	

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (µMHOS/CM)	TURBIDITY (NTU)	VISUAL	PID/FID READING
	10.1	8.85	626	—	Cloudy	—

GW-5

DAY ENGINEERING
MONITORING WELL SAMPLING LOG

SECTION 1

SITE LOCATION: Strippit Inc. / Akron, N.Y. JOB #: 0532R-95
 PROJECT NAME: IRM Post-Closure Monitoring DATE: 1/22/96
 SAMPLE COLLECTOR(S): R. Kampft
 WEATHER CONDITIONS: Partially Cloudy - Windy 25°-35°F

SECTION 2 - PURGE INFORMATION

DEPTH OF WELL [FT]: 74.14 (MEASURED FROM TOP OF CASING - T.O.C.)
 STATIC WATER LEVEL (SWL) [FT]: 52.73 (MEASURED FROM T.O.C.)
 DEPTH OF WATER COLUMN [FT]: 21.41 (DEPTH OF WELL - SWL)
 CALCULATED VOL. OF H₂O PER WELL CASING [GAL]: 3.6
 CALCULATIONS:

CASING DIA. (FT)	WELL CONSTANT (GAL/FT)	CALCULATIONS
2" (0.1667)	0.1632	VOL. OF H ₂ O IN CASING = DEPTH OF WATER COLUMN x WELL CONSTANT
4" (0.3333)	0.6528	
6" (0.5000)	1.4688	

CALCULATED PURGE VOLUME [GAL]: _____ (3 - 5 TIMES CASING VOLUME - SPECIFY)
 ACTUAL VOLUME PURGED [GAL]: 4.5 (dry)
 PURGE METHOD: Bailer PURGE START: 0830 END: 0920

SECTION 3 - SAMPLE IDENTIFICATION

SAMPLE ID #	TIME	SAMPLING METHOD	ANALYTICAL SCAN(S)	SAMPLE APPEARANCE
0532-01226 GW-5	1441	Bailer	See chain-of-custody	

SECTION 4 - SAMPLE DATA

SWL (FT)	TEMP (°C)	pH	CONDUCTIVITY (uMHOS/CM)	TURBIDITY (NTU)	VISUAL	PID/FID READING
		10.76	641	—	Turbid - brown	—

APPENDIX C

**SUMMARY OF DETECTED PARAMETERS, MEAN CONCENTRATIONS AND
STANDARD DEVIATIONS**

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING

Monitoring Well: GW-1
Page 1 of 2

SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 1/96

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (X)	Standard Deviation(s)		
pH	Standard	7.35	8.76	8.63	9.07	8.45	0.66		
specific conductance	uMHOS/cm	1,400	1,170	751	889	1,052	251		
turbidity	mg/L	85.8	200+	46.6	-	-	-		
barium, soluble	mg/L	0.058	0.059	0.06	0.12	0.074	0.026		
barium, total	mg/L	0.079	0.123	0.07	0.13	0.101	0.026		
iron, soluble	mg/L	LT 0.03	0.36	0.13	8.24	2.19	3.50		
iron, total	mg/L	1.46	6.82	2.53	8.34	4.79	2.87		
magnesium, soluble	mg/L	50.8	44.6	47.5	66.8	52.4	8.6		
magnesium, total	mg/L	54.0	52.0	56.8	68.8	57.9	6.5		
manganese, soluble	mg/L	LT 0.005	0.026	0.01	0.23	0.068	0.094		
manganese, total	mg/L	0.038	0.171	0.08	0.24	0.132	0.078		
dichlorodifluoromethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
chloromethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
vinyl chloride	ug/L	LT 0.5	LT 0.5*	LT 0.5	LT 0.5	0.5	0		
acetone	ug/L	26*	5.0	34.0 B	6.0	10	10.9		
carbon disulfide	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trans-1,2-dichloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
1,1-dichloroethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
chloroform	ug/L	LT 0.5	LT 0.5	1.5 B	LT 0.5	0.5	0		
2-butanone	ug/L	LT 1.0	2*	LT 0.5	0.5	0.5	0.3		
1,1,1-trichloroethane	ug/L	LT 0.5	LT 0.5	0.9 B	LT 0.5	0.5	0		
carbon tetrachloride	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
benzene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trichloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
toluene	ug/L	LT 0.5	LT 0.5	LT 0.5	0.6	0.52	0.04		
tetrachloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
methylene chloride	ug/L	11 B	LT 5.0	21.0 B	LT 5.0	5.1	3.1		
m,p-xylenes	ug/l	LT 1.0	LT 1.0	LT 1.0	LT 1.0	1.0	0		
o-xylenes	ug/l	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
phenol	ug/l	LT 1.0	LT 1.0	LT 1.0	LT 1.0	1.0	0		
groundwater elevation	feet	713.43	711.04	710.09	712.82	-	-		

Notes:

- LT = Less than detection limit shown.
B = Compound also detected in blank (see below).
* = Estimated value, see lab report.

The following compounds were detected in blank samples at the concentrations shown.

4/11/95 Sample Round: Methylene chloride 2.8 ug/l

7/12/95 Sample Round: Acetone 5.0 ug/L, methylene chloride 5.2 ug/L, chloroform 1.0 ug/L, 2-butanone 3.0 ug/L.

10/16/95 Sample Round: Acetone 20 ug/L, methylene chloride 14 ug/L, chloroform 1.3 ug/L, 1,1,-trichloroethane 0.9 ug/L, 2-butanone 2.0 ug/L.

1/22/96 Sample Round: Acetone 10 ug/L.

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING

Monitoring Well: GW-2
Page 1 of 2

SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 1/96

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
pH	Standard	7.23	11.58	11.71	12.23	10.69	2.01		
specific conductance	uMHOS/cm	1,870	1,170	695	771	1,126	466		
turbidity	mg/L	200+	16.5	11.9	-	-	-		
barium, soluble	mg/L	0.199	0.20	0.18	0.15	0.18	0.02		
barium, total	mg/L	0.210	0.211	0.21	0.18	0.20	0.01		
iron, soluble	mg/L	LT 0.03	0.15	0.007	0.43	0.15	0.17		
iron, total	mg/L	0.25	0.49	1.44	1.26	0.86	0.50		
magnesium, soluble	mg/L	LT 0.05	0.14	0.23	1.01	0.61	0.51		
magnesium, total	mg/L	1.03	0.36	0.91	1.36	0.92	0.36		
manganese, soluble	mg/L	LT 0.005	0.053	LT 0.005	0.03	0.023	0.02		
manganese, total	mg/L	0.006	0.150	0.02	0.04	0.054	0.057		
dichlorodifluoromethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
chloromethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
vinyl chloride	ug/L	LT 0.5	LT 0.5*	LT 0.5	LT 0.5	0.5	0		
acetone	ug/L	31*	33	63.0 B	24.0	29	10		
carbon disulfide	ug/L	LT 0.5	LT 0.5*	LT 0.5	LT 0.5	0.5	0		
trans-1,2-dichloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
1,1-dichloroethane	ug/L	0.6*	LT 0.5	0.7	LT 0.5	0.58	0.08		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (X)	Standard Deviation(s)		
chloroform	ug/L	LT 0.5	LT 0.5	2.0	0.6	0.4	0.3		
2-butanone	ug/L	3.0*	6.0*	LT 0.5	2.0	2.1	1.0		
1,1,1-trichloroethane	ug/L	LT 0.5	LT 0.7	0.6 B	LT 0.5	0.5	0		
carbon tetrachloride	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
benzene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trichloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
toluene	ug/L	0.7*	LT 0.5	0.9	0.6	0.68	0.15		
tetrachloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
methylene chloride	ug/L	11 B	LT 5.0	23.0	10.0	6.8	4.0		
m,p-xylenes	ug/l	LT 1.0	LT 1.0	LT 1.0	1.0	1.0	0		
o-xylenes	ug/l	LT 0.5	LT 0.5	LT 0.5	0.5	0.5	0		
phenol	ug/l	LT 1.0	5.6	2.0	3.0	2.9	1.7		
groundwater elevation	feet	719.90	717.08	715.62	718.59	-	-		

Notes:

- LT = Less than detection limit shown.
 B = Compound also detected in blank (see below).
 * = Estimated value, see lab report.

The following compounds were detected in blank samples at the concentrations shown.

4/11/95 Sample Round: Methylene chloride 2.8 ug/l

7/12/95 Sample Round: Acetone 5.0 ug/L, methylene chloride 5.2 ug/L, chloroform 1.0 ug/L, 2-butanone 3.0 ug/L.

10/16/95 Sample Round: Acetone 20 ug/L, methylene chloride 14 ug/L, chloroform 1.3 ug/L, 1,1,1-trichloroethane 0.9 ug/L, 2-butanone 2.0 ug/L.

1/22/96 Sample Round: Acetone 10 ug/L.

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING

Monitoring Well: GW-3
Page 1 of 3

SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 1/96

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
pH	Standard	6.82	8.01	8.01	8.44 8.39	7.93	0.59		
specific conductance	uMHOS/cm	2,010	568	502	475	889	648		
turbidity	mg/L	26.0	26.8	191	-	-	-		
barium, soluble	mg/L	0.056	0.003 0.061	0.04 0.06	0.09 0.08	0.068	0.018		
barium, total	mg/L	0.065	0.094 0.252	0.17 0.16	0.09 0.09	0.131	0.061		
iron, soluble	mg/L	LT 0.03	0.11 0.09	0.09 0.10	3.33 2.71	0.92	1.34		
iron, total	mg/L	1.56	3.45 9.97	15.5 11.6	4.35 3.83	7.18	4.80		
magnesium, soluble	mg/L	27.7	30.3 28.4	31.5 27.8	33.7 30.2	29.9	2.03		
magnesium, total	mg/L	28.3	37.4 100	83.1 62.0	34.5 30.4	53.7	26.4		
manganese, soluble	mg/L	0.078	0.141 0.134	0.02 0.13	0.20 0.13	0.126	0.056		
manganese, total	mg/L	0.120	0.251 0.660	0.77 0.55	0.22 0.20	0.396	0.239		
dichlorodifluoromethane	ug/L	2.4*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.8	0.7		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
chloromethane	ug/L	1.5*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.6	0.3		
vinyl chloride	ug/L	2.3*	LT 0.5* LT 0.5*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.8	0.6		
acetone	ug/L	16*	11.0 10.0	20.0 B 17.0 B	LT 5.0 6.0 B	4	6		
carbon disulfide	ug/L	1.8*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.7	0.4		
trans-1,2-dichloroethene	ug/L	0.8*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.54	0.1		
1,1-dichloroethane	ug/L	0.8*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.54	0.1		
chloroform	ug/L	0.7*	LT 1.0 2.0	1.0 B 2.0	LT 0.5 LT 0.5	0.5	0.3		
2-butanone	ug/L	LT 1.0	3.0* 12.0	LT 0.5 1.0	LT 0.5 0.6	1.7	3.0		
1,1,1-trichloroethane	ug/L	1.8*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.7	0.4		
carbon tetrachloride	ug/L	1.7*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.7	0.4		
benzene	ug/L	0.5*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.5	0		
trichloroethene	ug/L	0.8*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.6	0.4		
toluene	ug/L	0.7*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.6	0.3		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
tetrachloroethene	ug/L	0.9*	LT 0.5 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	0.6	0.3		
methylene chloride	ug/L	6.3 B	LT 5.0 LT 5.0	23.0 B 8.00 B	LT 5.0 6.0	3	3		
m,p-xylenes	ug/l	LT 1.0	3.0 LT 1.0	LT 1.0 LT 1.0	LT 1.0 LT 1.0	2.3	2.6		
o-xylenes	ug/l	LT 0.5	1.0 LT 0.5	LT 0.5 LT 0.5	LT 0.5 LT 0.5	1.7	2.3		
phenol	ug/l	LT 1.0	LT 1.0 LT 1.0	LT 1.0 LT 1.0	LT 1.0 LT 1.0	1.0	0		
groundwater elevation	feet	709.53	707.19	705.56	708.26				

Notes:

- LT = Less than detection limit shown.
 B = Compound also detected in blank (see below).
 * = Estimated value, see lab report.

The following compounds were detected in blank samples at the concentrations shown.

4/11/95 Sample Round: Methylene chloride 2.8 ug/l

7/12/95 Sample Round: Acetone 5.0 ug/L, methylene chloride 5.2 ug/L, chloroform 1.0 ug/L, 2-butanone 3.0 ug/L.

10/16/95 Sample Round: Acetone 20 ug/L, methylene chloride 14 ug/L, chloroform 1.3 ug/L, 1,1,-trichloroethane 0.9 ug/L, 2-butanone 2.0 ug/L.

1/22/96 Sample Round: Acetone 10 ug/L.

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING

Monitoring Well: GW-4
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SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 1/96

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (X)	Standard Deviation(s)		
pH	Standard	7.06	8.31	8.34	9.07	7.91	0.60		
specific conductance	uMHOS/cm	1,990	935	628	626	1,045	560		
turbidity	mg/L	200+	200+	106.7	-	-			
barium, soluble	mg/L	0.038 0.052	0.058	0.07	0.11	0.66	0.02		
barium, total	mg/L	0.101 0.175	0.099	0.12	0.13	0.125	0.028		
iron, soluble	mg/L	LT 0.03 LT 0.03	1.00	0.37	8.32	1.95	3.21		
iron, total	mg/L	7.93 16.1	6.72	11.9	9.85	10.5	3.31		
magnesium, soluble	mg/L	53.1 47.0	36.7	30.2	47.9	43.0	8.3		
magnesium, total	mg/L	68.5 87.3	48.3	66.0	49.4	63.9	14.3		
manganese, soluble	mg/L	LT 0.005 LT 0.005	0.029	0.15	0.20	0.078	0.081		
manganese, total	mg/L	0.21 0.43	0.162	0.32	0.24	0.27	0.09		
dichlorodifluoromethane	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
chloromethane	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
vinyl chloride	ug/L	LT 0.5 LT 0.5	LT 0.5*	LT 0.5	LT 0.5	0.5	0		
acetone	ug/L	13* 11*	LT 5.0	29.0 B	14.0	7.4	4.8		
carbon disulfide	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trans-1,2-dichloroethene	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
1,1-dichloroethane	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
chloroform	ug/L	LT 0.5 LT 0.5	1.6	1.0 B	0.8	0.5	0.3		
2-butanone	ug/L	LT 1.0 LT 1.0	LT 1.0	LT 0.5	1.0	1.0	0		
1,1,1-trichloroethane	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
carbon tetrachloride	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
benzene	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trichloroethene	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
toluene	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (\bar{X})	Standard Deviation(s)		
tetrachloroethene	ug/L	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
methylene chloride	ug/L	2.7 B 2.5 B	LT 5.0	18.0 B	10	2.8	3.9		
m,p-xylenes	ug/l	LT 1.0 LT 1.0	2.0	LT 01.0	LT 1.0	1.2	0.4		
o-xylenes	ug/l	LT 0.5 LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
phenol	ug/l	LT 1.0 LT 1.0	LT 1.0	LT 1.0	LT 1.0	1.0	0		
groundwater elevation	feet	715.06	712.56	711.13	713.69	-	-		

Notes:

- LT = Less than detection limit shown.
B = Compound also detected in blank (see below).
* = Estimated value, see lab report.

The following compounds were detected in blank samples at the concentrations shown.

4/11/95 Sample Round: Methylene chloride 2.8 ug/l

7/12/95 Sample Round: Acetone 5.0 ug/L, methylene chloride 5.2 ug/L, chloroform 1.0 ug/L, 2-butanone 3.0 ug/L.

10/16/95 Sample Round: Acetone 20 ug/L, methylene chloride 14 ug/L, chloroform 1.3 ug/L, 1,1,-trichloroethane 0.9 ug/L, 2-butanone 2.0 ug/L.

1/22/96 Sample Round: Acetone 10 ug/L.

STRIPPIT, INC.
INTERIM REMEDIAL MEASURE
POST CLOSURE MONITORING

Monitoring Well: GW-5
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SUMMARY OF DETECTED GROUNDWATER PARAMETERS
QUARTERLY SAMPLING: 4/95 TO 1/96

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (X)	Standard Deviation(s)		
pH	Standard	6.99	10.88	10.97	11.54	10.10	1.81		
specific conductance	uMHOS/cm	2,090	735	506	641	993	639		
turbidity	mg/L	200+	167.8	113.2	-	-	-		
barium, soluble	mg/L	0.078	0.484	0.06	0.18	0.20	0.17		
barium, total	mg/L	0.172	0.600	0.18	0.23	0.30	0.18		
iron, soluble	mg/L	LT 0.03	0.09	0.34	24.8	6.32	10.7		
iron, total	mg/L	23.0	1.73	24.7	34.3	20.9	11.9		
magnesium, soluble	mg/L	16.5	4.32	3.68	33.5	14.5	12.1		
magnesium, total	mg/L	32.2	9.71	32.8	42.5	29.3	12.0		
manganese, soluble	mg/L	LT 0.005	LT 0.005	0.01	0.57	0.15	0.24		
manganese, total	mg/L	0.485	0.038	0.62	0.76	0.48	0.27		
dichlorodifluoromethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
chloromethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
vinyl chloride	ug/L	LT 0.5	LT 0.5*	LT 0.5	LT 0.5	0.5	0		
acetone	ug/L	33*	29	43.0 B	8.0	20	12.2		
carbon disulfide	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trans-1,2-dichloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
1,1-dichloroethane	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		

TEST PARAMETER	UNITS	SAMPLE ROUND							
		4-11-95	7-12-95	10-16-95	1-22-96	Mean (X)	Standard Deviation(s)		
chloroform	ug/L	LT 0.5	LT 1.0	1.0 B	LT 0.5	0.5	0		
2-butanone	ug/L	LT 1.0	LT 1.0	1.0 B	LT 0.5	1	0		
1,1,1-trichloroethane	ug/L	LT 0.5	LT 0.5	1.5 B	0.5	0.52	0.04		
carbon tetrachloride	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
benzene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
trichloroethene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
toluene	ug/L	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
tetrachloroethene	ug/L	LT 0.5	LT 0.5	0.6	LT 0.6	0.55	0.05		
methylene chloride	ug/L	2.4 B	LT 5.0	24.0 B	12.0	3	5		
m,p-xylenes	ug/l	LT 1.0	LT 1.0	LT 1.0	LT 1.0	1.0	0		
o-xylenes	ug/l	LT 0.5	LT 0.5	LT 0.5	LT 0.5	0.5	0		
phenol	ug/l	LT 1.0	LT 1.4	LT 1.4	LT 1.0	1.2	0.2		
groundwater elevation	feet	719.54	716.72	715.29	718.53				

Notes:

- LT = Less than detection limit shown.
B = Compound also detected in blank (see below).
* = Estimated value, see lab report.

The following compounds were detected in blank samples at the concentrations shown.

4/11/95 Sample Round: Methylene chloride 2.8 ug/l

7/12/95 Sample Round: Acetone 5.0 ug/L, methylene chloride 5.2 ug/L, chloroform 1.0 ug/L, 2-butanone 3.0 ug/L.

10/16/95 Sample Round: Acetone 20 ug/L, methylene chloride 14 ug/L, chloroform 1.3 ug/L, 1,1,1-trichloroethane 0.9 ug/L, 2-butanone 2.0 ug/L.

1/22/96 Sample Round: Acetone 10 ug/L.

APPENDIX D

SITE INSPECTION REPORT
JANUARY 22, 1996 SAMPLE ROUND

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

Date of Inspection: 1/22/96

Inspected By: R. Kampff

Summary of Observation:

General Condition of Cover: Generally good - slight
erosion in SW drainage channel. Some snow
cover obscured complete view of cover

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

Explain: Erosion areas repaired since last
site visit (see photograph)

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: All wells appear to
be in good condition; seal on well GW-3,
repaired last round, appears intact.

Condition of Vegetative Cover: Appears thick throughout but
snow cover obscured some areas

Condition of drainage ways (discuss amount of water/sediments present, vegetative growth, unusual staining, blockage, etc.) Generally good, some standing
water observed in perimeter channels, slight
erosion in northwest corner (see photographs)

Additional Comments: Grass cover not fully
established in areas of recent repairs
(see photographs). Re-inspection should
be done in spring to assess winter
impacts and the need for any repairs.

Action Item(s) Required: See above

Action Item(s) completed since last inspection: See above

Signatures: Raymond K. Kopp

Repaired erosion area located
east of well GW-4



Perimeter drainage channel looking
south from northwest corner of IRM Cap

Repaired erosion area on
northern slope of IRM Cap



Northern drainage channel and IRM Cap
looking towards well GW-4

RECEIVED

MAR 11 1996

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REGION 9