



DAY ENVIRONMENTAL, INC.

ENVIRONMENTAL CONSULTANTS  
AN AFFILIATE OF DAY ENGINEERING, P.C.

February 7, 2008

Mr. Brian Sadowski  
New York State Department of Environmental Conservation  
270 Michigan Avenue  
Buffalo, New York 14203

Re: Long Term Monitoring  
Strippit, Inc.  
Akron, New York  
NYSDEC Site ID: 9-15-053

Dear Mr. Sadowski:

On December 28, 2007, Day Environmental, Inc. (DAY) completed a site visit at the above-referenced property (Site). This letter describes findings of the work completed.

#### **GROUNDWATER ELEVATIONS AND pH MEASUREMENTS**

The depth to groundwater was measured in each monitoring well using an electronic tape water level meter. The groundwater depths/elevations measured on December 28, 2007 are presented in the following table:

<b>Well Identification</b>	<b>Top of Casing Elevation (ft.)</b>	<b>Groundwater Depth (ft.)</b>	<b>Groundwater Elevation (ft.)</b>
GW-1	754.32	42.03	712.29
GW-2	770.62	52.20	718.42
GW-3	742.59	34.76	707.83
GW-4	752.24	38.33	713.91
GW-5	771.26	52.71	718.55

A groundwater contour map developed for the December 28, 2007 monitoring event is attached as Figure 1. As shown, groundwater flow at the Site is generally to the north and northwest. This flow direction is consistent with the direction determined during previous monitoring events. Based upon the groundwater flow direction, monitoring wells GW-2 and GW-5 are located in hydraulically upgradient positions and monitoring wells GW-1, GW-3 and GW-4 are located in hydraulically downgradient positions relative to the former disposal area.

In conjunction with the groundwater level measurements, groundwater samples were collected and tested in the field for pH using a Oakton-pH30 meter.

A table summarizing pH measurements made during the December 28, 2007 monitoring event, and previous 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
9/30/04	10.60	9.95	7.49	9.47	11.46
12/30/04	7.89	8.93	6.55	8.46	8.86
3/14/05	10.92	11.13	7.45	9.97	10.49
6/8/05	10.08	11.02	7.77	10.60	10.77
10/13/05	10.48	10.91	7.81	9.65	10.67
12/29/05	8.56	9.97	7.47	9.91	10.55
4/10/06	8.61	10.01	7.51	9.87	10.57
7/14/06	8.56	9.97	7.47	9.91	10.55
10/25/06	7.83	11.22	7.44	9.61	10.46
3/8/07	10.82	10.70	6.49	10.02	9.41
6/20/07	10.76	10.81	6.39	10.14	9.37
9/25/07	10.71	10.68	6.71	10.19	9.43
12/28/07	10.68	10.53	6.42	10.03	9.46

As shown, pH levels have been historically elevated in samples collected from monitoring wells GW-2 and GW-5. The pH levels in downgradient monitoring wells GW-1 and GW-4 are also historically generally elevated, but the readings somewhat more variable than those measured in samples from GW-2 and GW-5. The pH levels measured in samples collected during the December 28, 2007 sample event are generally comparable to the pH measurements made on samples collected from the same wells during the monitoring event conducted on September 25, 2007.

Mr. Brian Sadowski  
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## **SITE VISIT**

A copy of a report summarizing the site visit conducted to assess the condition of the IRM closure area completed on December 28, 2007 is included as Attachment A. As shown, no apparent deficiencies to the closure area or monitoring system were noted during the Site visit. Action items requiring immediate attention were not identified.

The next scheduled monitoring event at the Site is scheduled for on or about March 20, 2008. During this upcoming event, samples will be collected for analytical laboratory testing.

Please contact DAY if there are any questions or additional information is required.

Very truly yours,  
Day Environmental, Inc.



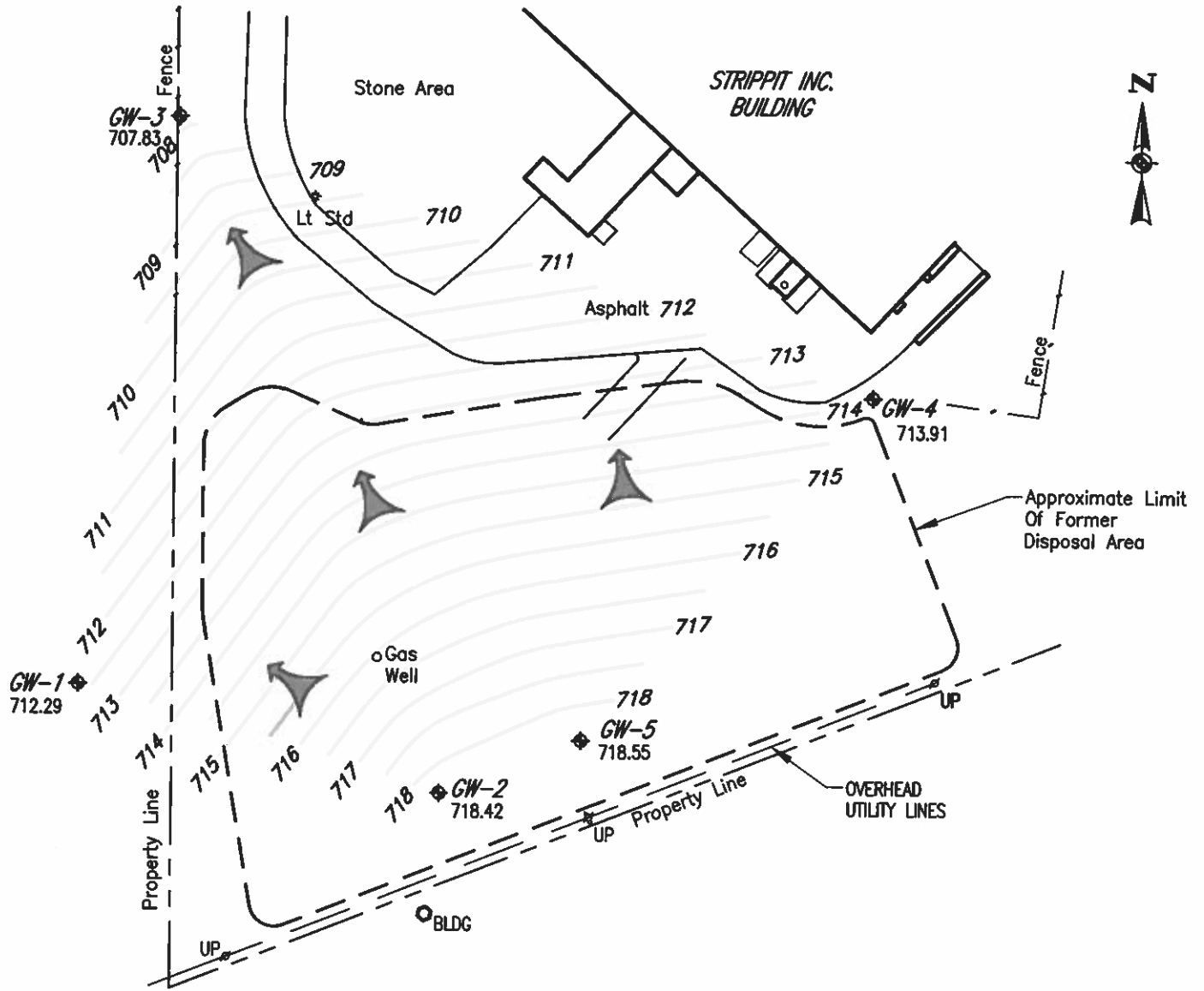
Raymond L. Kampff  
Associate

RLK/mkd

Attachments

cc: Mr. Raymond A. Chojnowski

**Figure**



#### 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-1 712.29 Groundwater Monitoring Well With Groundwater Elevation Obtained On December 28, 2007.
- Potentiometric Contour Line For December 28, 2007 Created By Golden Software Inc., Surfer8 Program
- Apparent Direction Of Groundwater Flow

DATE  
1-24-2008

DRAWN BY  
RJM

SCALE  
1" = 100'

**day**

**DAY ENVIRONMENTAL, INC.**  
ENVIRONMENTAL CONSULTANTS  
ROCHESTER, NEW YORK 14614-1008  
NEW YORK, NEW YORK 10165-1617

PROJECT TITLE  
**STRIPPIT, INC.**  
AKRON, NEW YORK

**GROUNDWATER MONITORING**

DRAWING TITLE  
Groundwater Potentiometric Contour Map For  
December 28, 2007

PROJECT NO.  
1863R-99

**FIGURE 1**

## **Attachment A**

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

Date of Inspection: 12-28-07

Inspected By: M. Dickinson

Summary of Observation:  
General Condition of Cover: Covers looks in OK condition, about 3" snow cover.

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

Explain: NONE

Evidence of cracking: ☐ Yes ☒ No

Explain (include measurements and site sketch): NONE

Evidence of water seepage: ☐ Yes ☒ No

Explain: NONE

Evidence of Settlement: ☐ Yes ☒ No

Explain: NONE

Condition of monitoring wells and gas wells: Monitoring wells & gas wells in OK condition.

Condition of Vegetative Cover: Snow Covering Ground

Condition of drainage ways (discuss amount of water/sediments present, vegetative growth unusual staining, blockage, etc.): Drainage ways in OK condition. Stream flowing unobstructed.

Additional Comments:

NONE

Action Item(s) Required:

NONE

Action Item(s) completed since last inspection:

NONE

Signatures:

*M. A. L.*





View of the Site looking east.



View of the Site looking north.



View of the Site looking west.



View of a typical monitoring well on the Site.