



DAY ENVIRONMENTAL, INC.

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

June 25, 2007

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 June 20, 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 June 20, 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	41.94	712.38
GW-2	770.62	52.56	718.06
GW-3	742.59	34.58	708.01
GW-4	752.24	38.72	713.52
GW-5	771.26	52.87	718.39

A groundwater contour map developed for the June 20, 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 landfill.

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

A table summarizing pH measurements made during the June 20, 2007 monitoring event, and previous 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
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

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-1 and GW-4. The pH levels measured in samples collected from monitoring wells GW-1, GW- 2, GW-4 and GW-5 during the June 20, 2007 sample event are generally comparable to the test results collected during the previous monitoring event conducted on March 8, 2007. However, the pH level measured in the sample collected from monitoring well GW-2 is elevated compared to pH levels measured prior to March 8, 2007. The source of this apparent pH variations is unknown and continued monitoring should be done to assess potential trends.

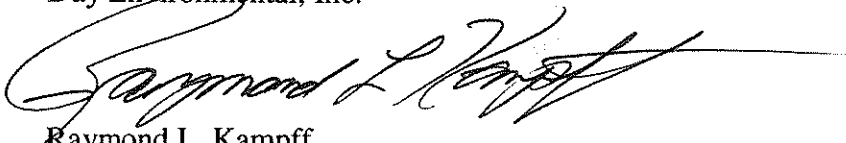
Mr. Brian Sadowski  
June 25, 2007  
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## SITE VISIT

A copy of a report summarizing the site visit completed on June 20, 2007 is presented 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/sampling event at the Site is scheduled for on or about September 20, 2007.

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

Very truly yours,  
Day Environmental, Inc.



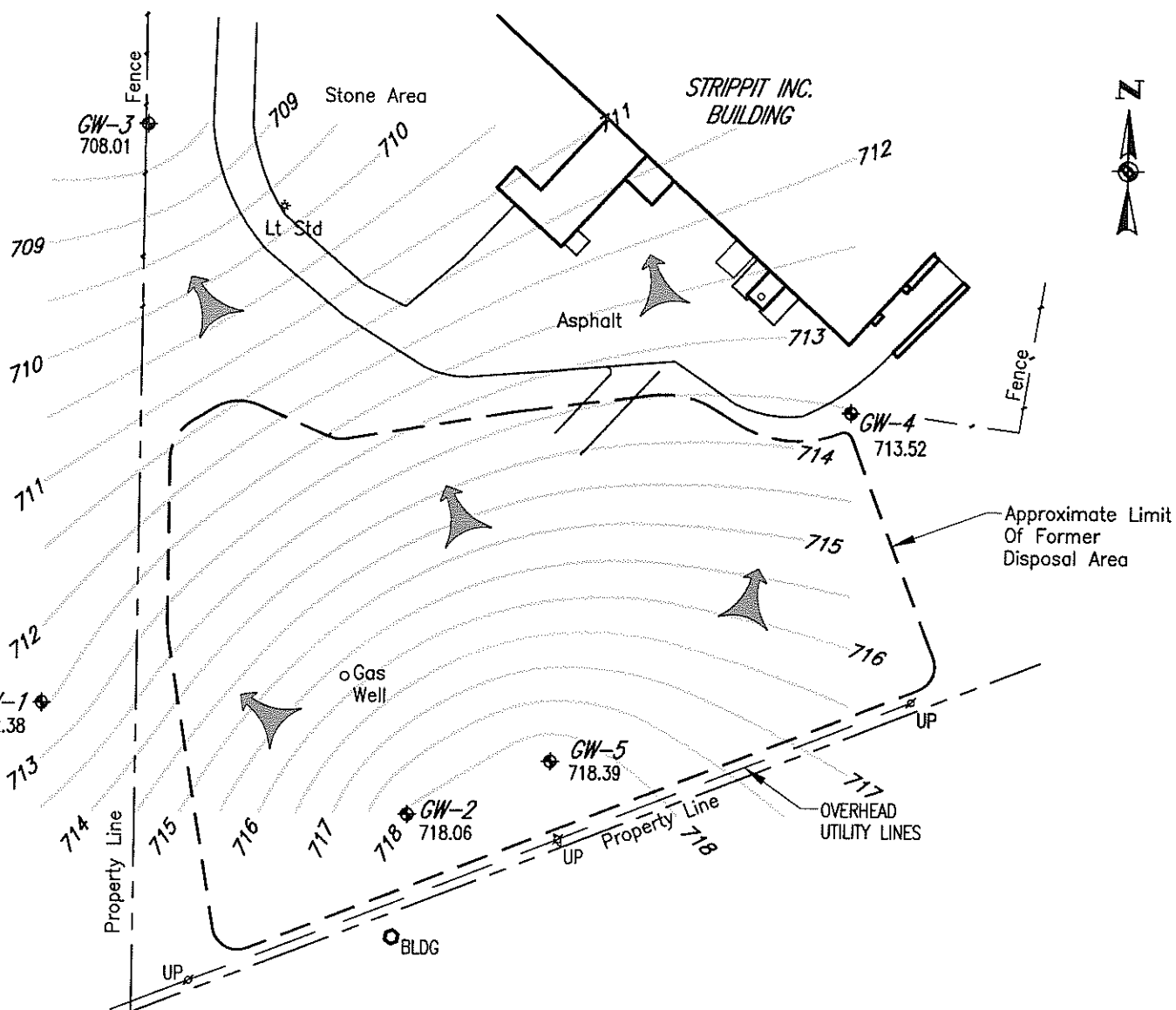
Raymond L. Kampff  
Associate

RI.K/mkd

Attachments

cc: Mr. Raymond A. Chojnowski

**FIGURE 1: GROUNDWATER CONTOUR MAP JUNE 20, 2007**



#### 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** ♦ 712.38 Groundwater Monitoring Well With Groundwater Elevation Obtained On June 20, 2007.
- Potentiometric Contour Line For June 20, 2007 Created By Golden Software Inc., Surfer8 Program
- Apparent Direction Of Groundwater Flow

DATE  
06-25-2007

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  
June 20, 2007

PROJECT NO.  
1863R-99

**FIGURE 1**

**MONITORING REPORT: JUNE 20, 2007 SITE VISIT**

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

Date of Inspection: 6-20-07

Inspected By: M. Dickinson

Summary of Observation:

General Condition of Cover: Cover in OK condition. Overgrowth present about 3 ft. high.

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: Vegetative cover in good condition. About 3 ft. of overgrowth.

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

Additional Comments: NONE  
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Action Item(s) Required: NONE  
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Action Item(s) completed since last inspection: new locks on monitoring wells  
5 total.  
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Signatures: M. D. L.  
\_\_\_\_\_  
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