



DAY ENVIRONMENTAL, INC.

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

April 25, 2006

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 April 10, 2006, 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 April 10, 2006 are presented in the following table:

Well Identification	Top of Casing Elevation (ft.)	Groundwater Depth (ft.)	Groundwater Elevation (ft.)
GW-1	754.32	40.08	714.24
GW-2	770.62	50.58	720.04
GW-3	742.59	32.98	709.61
GW-4	752.24	36.81	715.43
GW-5	771.26	51.27	719.99

A groundwater contour map developed for the April 10, 2006 monitoring event is attached as Figure 1. As shown, groundwater flow at the Site is generally to the north and northwest. The groundwater levels measured on April 10, 2006 are generally higher than those measured during the monitoring event conducted on December 29, 2005 (i.e., due to seasonal variations), but the flow direction is similar for each monitoring event. 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.

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In conjunction with the groundwater level measurements, groundwater samples were collected and tested for pH using a Cole-Palmer Digi-Sense pH meter.

A table summarizing pH measurements made during the April 10, 2006 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

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 wells GW-1 and GW-4. The pH levels measured in samples collected from monitoring wells GW-2, GW-4 and GW-5 during the April 10, 2006 sample event are generally comparable to historic test results. When compared to pH levels measured in March, June and October 2005, the pH levels measured in samples collected from monitoring well GW-1 on December 29, 2005 and April 20, 2006 have decreased between approximately 1 and 2 standard units. The source of the apparent pH variations is unknown and continued monitoring should be done to assess potential trends and the need for remedial activities.

#### SITE VISIT

A copy of a report summarizing the site visit completed on April 10, 2006, as well as photographs taken at the time of this site visit, are presented as Attachment A. Apparent deficiencies to the IRM Closure area requiring immediate repair were not observed during the April 10, 2006 site visit, however, some debris and overgrowth were noted within the drainage ways.

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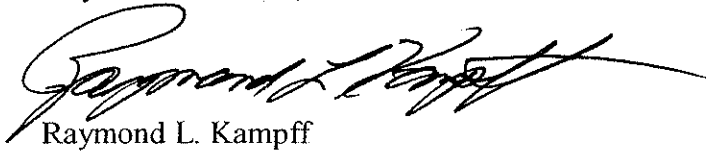
**RECOMMENDATIONS**

The drainage ways should be cleaned to assure flows are not impeded. In addition, selected monitoring wells should be repaired (e.g., repainted, locks oiled, etc.) and dedicated rope for the bailers replaced during the next sample event.

The next scheduled monitoring/sampling event at the Site is on or about July 5, 2006.

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

Very truly yours,  
Day Environmental, Inc.

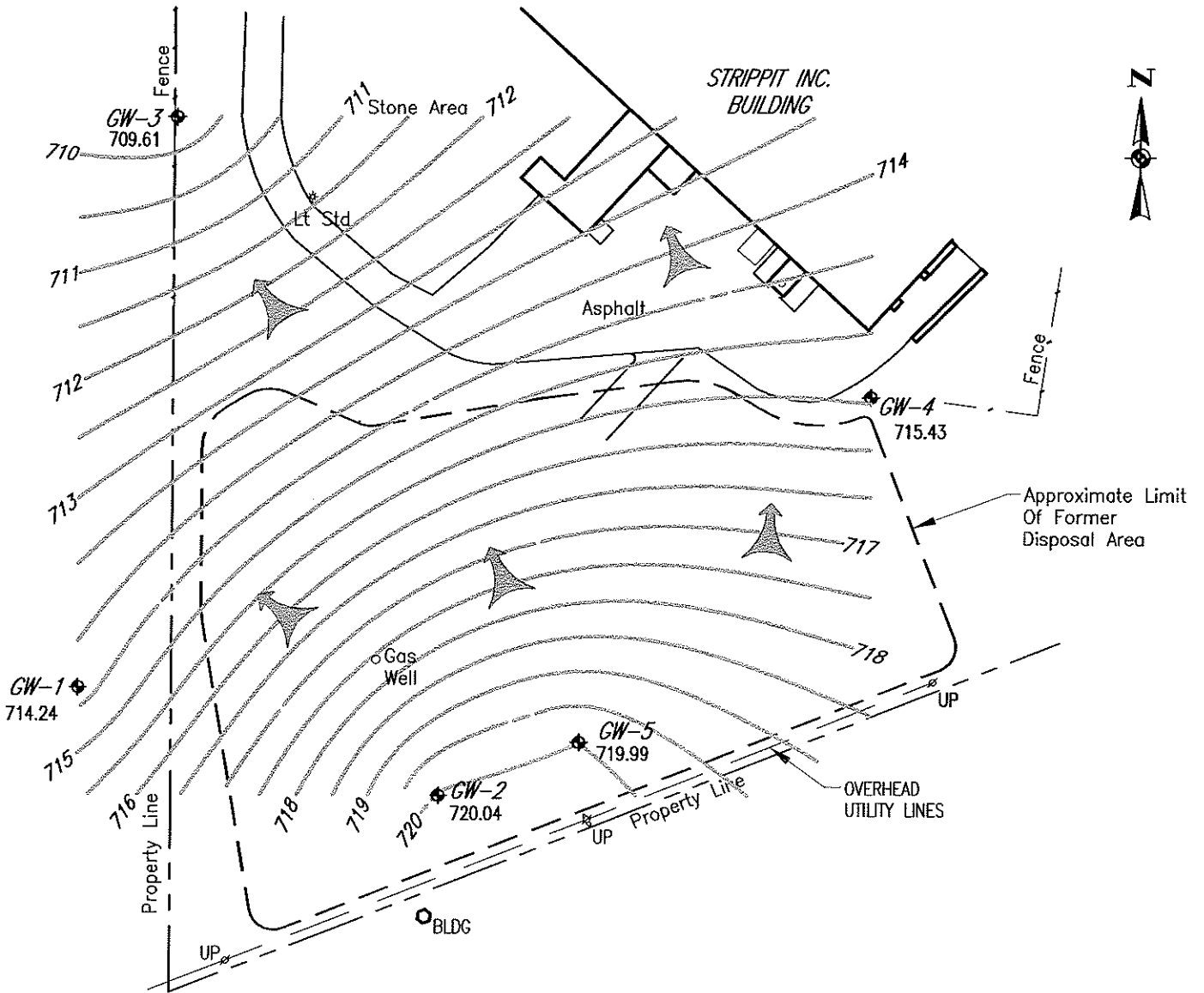
A handwritten signature in black ink, appearing to read "Raymond L. Kampff", written in a cursive style.

Raymond L. Kampff  
Associate

RLK/cd  
Attachments

cc: Mr. Raymond A. Chojnowski

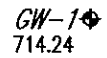


**FIGURE 1**




**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  
714.24 Groundwater Monitoring Well With Groundwater Elevation Obtained On April 10, 2006.
-  Potentiometric Contour Line For April 10, 2006.
-  Apparent Direction Of Groundwater Flow

DATE 4-10-2006	 <b>DAY ENVIRONMENTAL, INC.</b> ENVIRONMENTAL CONSULTANTS ROCHESTER, NEW YORK 14614-1008 NEW YORK, NEW YORK 10165-1617	PROJECT TITLE <b>STRIPPIT, INC.</b> AKRON, NEW YORK  <b>GROUNDWATER MONITORING</b> DRAWING TITLE Groundwater Potentiometric Contour Map For April 10, 2006	PROJECT NO. 1863R-99  <b>FIGURE 1</b>
DRAWN BY <b>RJM/Tw</b>			
SCALE 1" = 100'			

**ATTACHMENT A**

LONG-TERM QUARTERLY MONITORING REPORT  
INTERIM REMEDIAL MEASURE  
STRIPPIT, INC. 1863 R-99  
AKRON, NEW YORK

Date of Inspection: April 10, 2006

Inspected By: Matt Dickinson

Summary of Observation:

General Condition of Cover: Cover appears to be in good condition approximately 0.3 feet of vegetation cover at the time of visit.

Evidence of Erosion, sloughing or other degradation:  Yes  No

Explain: No evidence of sloughing

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: Gas wells in good condition, Monitoring wells are in good condition - outer casing rusting - dedicated rope needs to be replaced on wells due to fraying.

Condition of Vegetative Cover: Vegetation cover in good condition - appeared thick with new growth beginning.

Condition of drainage ways (discuss amount of water/sediments present, vegetative growth unusual staining, blockage, etc.): Drainage ways contained a significant amount of overgrowth, sticks, fallen limbs, leaves & a lot of garbage, needs to be cleaned, water still runs through, small amount of standing water.

Additional Comments:

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Action Item(s) Required:

Bring ~~new~~ rope for bailers next visit.  
Continue monitoring groundwater wells (ie casing, locks,  
rope, bailers, etc.) replace or repair as needed.  
Clean out garbage, debris & overgrowth in drainage  
way.

Action Item(s) completed since last inspection:

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Signatures:

Matt Dick Matt Dickinson 4/10/06

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\_\_\_\_\_





Monitoring Well GW-3



View of closure cover gas well, looking northeast.

1863R-99  
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04/10/06



View of northwest end of closure cover, looking southeast.



View of drainage swale on western side of parking lot, looking north.

1863R-99  
Strippit – Landfill Monitoring  
Akron, New York  
04/10/06