

June 25, 2015

VIA E-MAIL

Mr. John Iacoangeli, Principal
 Beckett & Raeder, Inc.
 535 West William, Suite 101
 Ann Arbor, MI 48013

RE: JUNE 2015 RESULTS OF INTERIM ACME CREEK MONITORING AT GRAND TRAVERSE TOWN CENTER, ACME, MICHIGAN

Dear Mr. Iacoangeli:

The purpose of this letter is to transmit the results of interim surface water monitoring of Acme Creek that is being completed by Horizon Environmental Corporation (“Horizon”) on behalf of the Village at Grand Traverse, LLC (“VGT”) at the Grand Traverse Town Center (“GTTC”) site in Acme Township, Grand Traverse County, Michigan.

Horizon conducts sampling in accordance with the *Acme Creek Interim Monitoring Plan* which was submitted to Acme Township on December 5, 2014. The interim monitoring program is intended to assess Acme Creek for sedimentation-related parameters during wet weather events until the site is stabilized. Samples are collected once a month at three locations within the Creek (one upstream of the GTTC site and two downstream, see enclosed Figure 1) during a qualifying wet weather event. Samples are field analyzed for turbidity and temperature and are also submitted for laboratory analysis of total suspended solids (“TSS”). The results presented below are from sampling completed during a rain event that deposited 1.06 inches of rain at the site between 2:30 pm on June 11, 2015 and 10:30 am on June 12, 2015. The results of this sampling event are summarized as follows:

| Acme Creek Sampling Location | Sample Date | Sample Time | Temp. (°C) | TSS (mg/L) | Turbidity (NTU) |
|-------------------------------|-------------|-------------|------------|------------|-----------------|
| Upstream (at property line) | 6/12/15 | 8:05 am | 9.8 | 88 | 19.5 |
| Downstream (at property line) | 6/12/15 | 8:20 am | 9.8 | 26 | 17.3 |
| Downstream (at M-72) | 6/12/15 | 11:10 am | 9.8 | 22 | 15.7 |

Mr. John Iacoangeli

June 25, 2015

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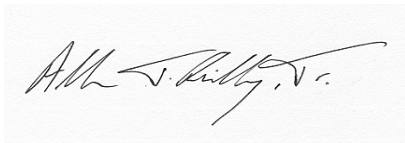
Field analyses for turbidity were completed using a Hach 2100P portable turbidimeter. Laboratory analytical reports of TSS results for these samples are presented as Attachment I.

Acme Creek was observed to be running slightly turbid during the sampling event. The turbidity was observed at both upstream and downstream sampling locations. The turbidity and TSS levels in Acme Creek were lower at the downstream locations than at the upstream sampling location. Temperature was unchanged between the upstream and downstream locations.

If you have questions or require additional information regarding this sampling event, please contact me at 616.554.3210.

Sincerely,

HORIZON ENVIRONMENTAL

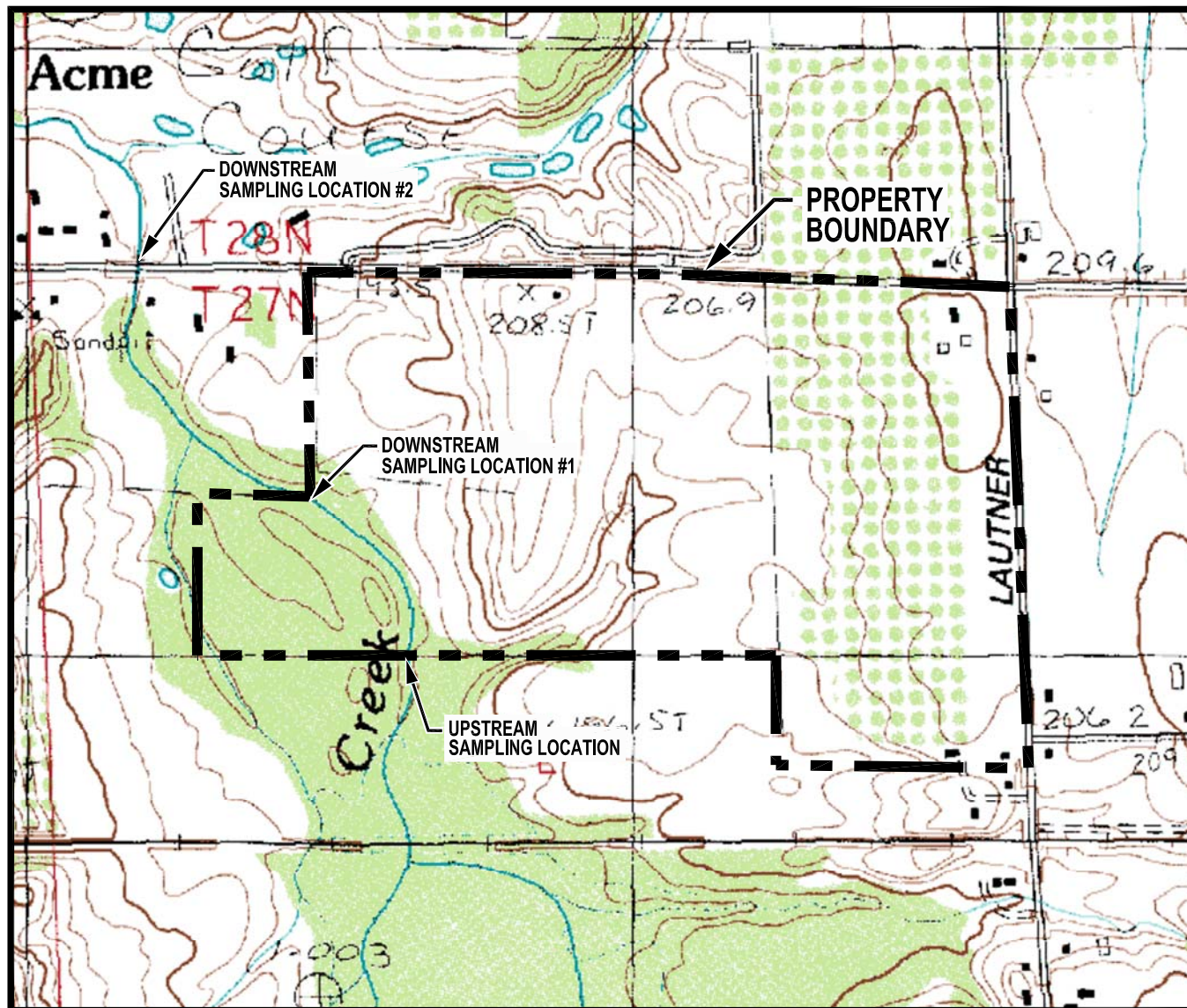
A handwritten signature in black ink, appearing to read "Allen J. Reilly, Jr.", is centered within a light gray rectangular box.

Allen J. Reilly, Jr.

Director, Environmental Risk Management

cc: J. Zollinger, Acme Township
S. Schooler, VGT
S. Smith, VGT

enclosures



TAKEN FROM 7.5 MINUTE SERIES TOPOGRAPHIC MAP
GRAWN QUADRANGLE PHOTOREVISED 1983
NOT TO SCALE



Acme Township
Grand Traverse County, MI



North

HORIZON ENVIRONMENTAL

Village at Grand Traverse
Acme Township, Grand Traverse County, Michigan

SITE LOCATION MAP

PROJECT NUMBER:
WNU-1401

FIGURE:

1

DECEMBER 2014

ATTACHMENT I

***LABORATORY ANALYTICAL RESULTS OF
JUNE 2015 SURFACE WATER SAMPLING***



INDEPENDENT TESTING LAB

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

www.gtanalytical.com

Company: HORIZON ENVIRONMENTAL

Site Addr: VGT

Name:

ClientProj: WNJ-1401

Sampled By: MIKE POTTER/HORIZON

GTA ProjNo: 061515-1

Date Rec: 6/15/2015

Time Rec: 8:35 AM

| Sample No. | Sample ID | Date Sampled | Time Sampled | Sample Matrix |
|------------|---------------|--------------|--------------|---------------|
| 1 | UP STREAM | 6/12/2015 | 8:05 AM | WATER |
| 2 | DOWN STREAM 1 | 6/12/2015 | 8:20 AM | WATER |
| 3 | DOWN STREAM 2 | 6/12/2015 | 11:10 AM | WATER |

ELECTRONIC SIGNATURE REPORT. This is a final report for the following pages of data for the samples specified above. All analysis was performed by the methods stated and all quality control measures required were completed. All quality control information is available upon request.

Kirk L. Chase

Digitally signed by Kirk L. Chase

DN: cn=Kirk L. Chase, o=Grand Traverse Analytical,

ou=Head Chemist, email=kirk@gtanalytical.com, c=US

Date: 2015.06.20 16:00:13 -04'00'

Kirk L. Chase/Chemist
Grand Traverse Analytical
830 Robinwood Court
Traverse City, MI 49686
Ph: 231-929-0905
Fx: 231-929-0894
Cell: 231-590-0291
kirk@gtanalytical.com

COMPANY: HORIZON ENVIRONMENTAL
 PROJECT NO: WNJ-1401
 LOCATION: VGT

GTA PROJECT NO: 061515-1
 GTA SAMPLE NO: 1
 DATE SAMPLED: 6/12/2015
 TIME SAMPLED: 8:05 AM
 DATE RECEIVED: 6/15/2015
 TIME RECEIVED: 8:35 AM

SAMPLED BY: MI
 MIKE POTTER/HORIZON

SAMPLE RESULTS

| <u>No:</u> | <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> | <u>Sample Matrix</u> |
|------------|--------------------------------|----------------------|------------|--------------|----------------|-----------------------|----------------------|
| | SAMPLE ID: UP STREAM | | | | | | |
| | TOTAL SUSPENDED SOLIDS SM2540D | 88 | 5.0 | mg/L (PPM) | TR | 6/17/2015 | WATER |

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: HORIZON ENVIRONMENTAL
PROJECT NO: WNJ-1401
LOCATION: VGT
MI
SAMPLED BY: MIKE POTTER/HORIZON

GTA PROJECT NO: 061515-1
GTA SAMPLE NO: 2
DATE SAMPLED: 6/12/2015
TIME SAMPLED: 8:20 AM
DATE RECEIVED: 6/15/2015
TIME RECEIVED: 8:35 AM

SAMPLE RESULTS

| <u>No:</u> | <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> | <u>Sample Matrix</u> |
|------------|--------------------------------|----------------------|------------|--------------|----------------|-----------------------|----------------------|
| SAMPLE ID: | DOWN STREAM 1 | | | | | | |
| | TOTAL SUSPENDED SOLIDS SM2540D | 26 | 5.0 | mg/L (PPM) | TR | 6/17/2015 | WATER |

ND = NOT DETECTED, RESULT < LOD
LOD = LIMIT OF DETECTION
s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: HORIZON ENVIRONMENTAL
 PROJECT NO: WNJ-1401
 LOCATION: VGT

GTA PROJECT NO: 061515-1
 GTA SAMPLE NO: 3
 DATE SAMPLED: 6/12/2015
 TIME SAMPLED: 11:10 AM
 DATE RECEIVED: 6/15/2015
 TIME RECEIVED: 8:35 AM

MI
 SAMPLED BY: MIKE POTTER/HORIZON

SAMPLE RESULTS

| <u>No:</u> | <u>Analysis</u> | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Completed</u> | <u>Sample Matrix</u> |
|------------|--------------------------------|----------------------|------------|--------------|----------------|-----------------------|----------------------|
| SAMPLE ID: | DOWN STREAM 2 | | | | | | |
| | TOTAL SUSPENDED SOLIDS SM2540D | 20 | 5.0 | mg/L (PPM) | TR | 6/17/2015 | WATER |

ND = NOT DETECTED, RESULT < LOD
 LOD = LIMIT OF DETECTION
 s.u. = STANDARD pH UNITS REPORTED AT 25 C

CHAIN OF CUSTODY

| | | |
|-----------------------------------|---------------------------------|--|
| PROJECT NUMBER <i>WNT-1401</i> | SITE NAME/ADDRESS <i>UBT</i> | COMPANY/NAME <i>Horizon Environmental</i> |
| SAMPLED BY <i>Mike Peltor</i> | COMPANY <i>Horizon</i> | GTA PROJECT # <i>061515-1</i> |

SAMPLE INFORMATION

| # | SAMPLE ID | DATE SAMPLED | TIME | MATRIX | ANALYSIS |
|---|---------------------|----------------|-------------|----------|------------|
| 1 | <i>UPSTREAM</i> | <i>6-12-15</i> | <i>0805</i> | <i>W</i> | <i>TSS</i> |
| 2 | <i>DOWNSTREAM 1</i> | <i>1</i> | <i>0820</i> | <i>W</i> | <i>TSS</i> |
| 3 | <i>DOWNSTREAM 2</i> | | <i>1110</i> | <i>W</i> | <i>TSS</i> |
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| BILL TO: | REPORT TO: |
|-----------------|-------------------|

| | | | |
|-------------------------------|----------------------------------|------------------------------------|------------------------------------|
| RELEASED BY <i>MPeltor</i> | DATE/TIME <i>6-15-15 0835</i> | RECEIVED BY <i>TCORR Peltor</i> | DATE/TIME <i>6-15-15 8:35am</i> |
|-------------------------------|----------------------------------|------------------------------------|------------------------------------|

REQUESTED TAT STANDARD 1 BUSINESS DAY 2 BUSINESS DAYS 3 BUSINESS DAYS