

**INDEPENDENT TESTING LAB**

830 ROBINWOOD COURT, TRAVERSE CITY, MI 49686

PH: 231-929-0905

FAX: 231-929-0894

[www.gtanalytical.com](http://www.gtanalytical.com)

Company: RIVERSIDE  
Name:  
ClientProj:

Site Addr: ALLEN B3-34

GTA ProjNo: 091219-1

Sampled By: B. BAUMANN/ECT  
Date Rec: 9/12/2019  
Time Rec: 10:40 AM

| Sample No. | Sample ID         | Date Sampled | Time Sampled | Sample Matrix |
|------------|-------------------|--------------|--------------|---------------|
| 1          | F-1 (5.5')        | 9/12/2019    | 8:30 AM      | SOIL          |
| 2          | F-2 (5.5')        | 9/12/2019    | 8:35 AM      | SOIL          |
| 3          | SW-N (2.5')       | 9/12/2019    | 8:40 AM      | SOIL          |
| 4          | SW-E (2.5')       | 9/12/2019    | 8:45 AM      | SOIL          |
| 5          | SW-S (2.5')       | 9/12/2019    | 8:50 AM      | SOIL          |
| 6          | SW-W (2.5')       | 9/12/2019    | 8:55 AM      | SOIL          |
| 7          | F-1 (7.5') - HOLD | 9/12/2019    | 9:05 AM      | SOIL          |
| 8          | F-1 (9.5') - HOLD | 9/12/2019    | 9:10 AM      | SOIL          |

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*

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

COMPANY: RIVERSIDE

PROJECT NO:

LOCATION: ALLEN B3-34

MI

SAMPLED BY: B. BAUMANN/ECT

GTA PROJECT NO: 091219-1

GTA SAMPLE NO: 1

DATE SAMPLED: 9/12/2019

TIME SAMPLED: 8:30 AM

DATE RECEIVED: 9/12/2019

TIME RECEIVED: 10:40 AM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: F-1 (5.5')

CHLORIDE EPA 300.0

**Concentration**

ND

**LOD**

52

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

9/12/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE

GTA PROJECT NO: 091219-1

GTA SAMPLE NO: 2

PROJECT NO:

LOCATION: ALLEN B3-34

DATE SAMPLED: 9/12/2019

TIME SAMPLED: 8:35 AM

DATE RECEIVED: 9/12/2019

TIME RECEIVED: 10:40 AM

MI

SAMPLED BY: B. BAUMANN/ECT

**SAMPLE ANALYSIS**

| <u>No:</u> | <u>Analysis</u>       | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|-----------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: F-2 (5.5') |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0    | ND                   | 54         | mg/Kg (PPM)  | LV             | 9/12/2019   | SOIL          |

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE

PROJECT NO:

LOCATION: ALLEN B3-34

MI

SAMPLED BY: B. BAUMANN/ECT

GTA PROJECT NO: 091219-1

GTA SAMPLE NO: 3

DATE SAMPLED: 9/12/2019

TIME SAMPLED: 8:40 AM

DATE RECEIVED: 9/12/2019

TIME RECEIVED: 10:40 AM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SW-N (2.5')

CHLORIDE EPA 300.0

**Concentration**

120

**LOD**

53

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

9/12/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

COMPANY: RIVERSIDE  
PROJECT NO:  
LOCATION: ALLEN B3-34

GTA PROJECT NO: 091219-1  
GTA SAMPLE NO: 4

DATE SAMPLED: 9/12/2019  
TIME SAMPLED: 8:45 AM  
DATE RECEIVED: 9/12/2019  
TIME RECEIVED: 10:40 AM

MI  
SAMPLED BY: B. BAUMANN/ECT

**SAMPLE ANALYSIS**

| <u>No:</u> | <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|------------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: SW-E (2.5') |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0     | ND                   | 51         | mg/Kg (PPM)  | LV             | 9/12/2019   | SOIL          |

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

COMPANY: RIVERSIDE  
PROJECT NO:  
LOCATION: ALLEN B3-34  
MI  
SAMPLED BY: B. BAUMANN/ECT  
GTA PROJECT NO: 091219-1  
GTA SAMPLE NO: 5  
DATE SAMPLED: 9/12/2019  
TIME SAMPLED: 8:50 AM  
DATE RECEIVED: 9/12/2019  
TIME RECEIVED: 10:40 AM

**SAMPLE ANALYSIS**

| <u>No:</u> | <u>Analysis</u>        | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date</u> | <u>Sample</u> |
|------------|------------------------|----------------------|------------|--------------|----------------|-------------|---------------|
|            | SAMPLE ID: SW-S (2.5') |                      |            |              |                |             |               |
|            | CHLORIDE EPA 300.0     | ND                   | 52         | mg/Kg (PPM)  | LV             | 9/12/2019   | SOIL          |

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

COMPANY: RIVERSIDE

PROJECT NO:

LOCATION: ALLEN B3-34

MI

SAMPLED BY: B. BAUMANN/ECT

GTA PROJECT NO: 091219-1

GTA SAMPLE NO: 6

DATE SAMPLED: 9/12/2019

TIME SAMPLED: 8:55 AM

DATE RECEIVED: 9/12/2019

TIME RECEIVED: 10:40 AM

**SAMPLE ANALYSIS**

**No: Analysis**

SAMPLE ID: SW-W (2.5')

CHLORIDE EPA 300.0

**Concentration**

ND

**LOD**

52

**Units**

mg/Kg (PPM) LV

**Analyst**

**Date**

9/12/2019

**Sample**

SOIL

ND = NOT DETECTED, RESULT < LOD

LOD = LIMIT OF DETECTION

s.u. = STANDARD pH UNITS REPORTED AT 25 C

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COMPANY: RIVERSIDE

GTA PROJECT NO: 091219-1

NAME:  
PROJECT NO:

SAMPLED BY: B. BAUMANN/ECT

DATE SAMPLED: 9/12/2019

TIME SAMPLED: 8:30 AM

SAMPLE MATRIX: SOIL

LOCATION: ALLEN B3-34

DATE RECEIVED: 9/12/2019

TIME RECEIVED: 10:40 AM

MI

**MOISTURE**

| <u>No:</u>             | <u>Analysis</u>      | <u>Concentration</u> | <u>LOD</u> | <u>Units</u> | <u>Analyst</u> | <u>Date Complete</u> |
|------------------------|----------------------|----------------------|------------|--------------|----------------|----------------------|
| SAMPLE ID: F-1 (5.5')  | % MOISTURE EPA 3550C | 8.1                  | 0.050      | % OF SAMPLE  | AS             | 9/12/2019            |
| SAMPLE ID: F-2 (5.5')  | % MOISTURE EPA 3550C | 7.9                  | 0.050      | % OF SAMPLE  | AS             | 9/12/2019            |
| SAMPLE ID: SW-N (2.5') | % MOISTURE EPA 3550C | 7.0                  | 0.050      | % OF SAMPLE  | AS             | 9/12/2019            |
| SAMPLE ID: SW-E (2.5') | % MOISTURE EPA 3550C | 7.5                  | 0.050      | % OF SAMPLE  | AS             | 9/12/2019            |
| SAMPLE ID: SW-S (2.5') | % MOISTURE EPA 3550C | 8.1                  | 0.050      | % OF SAMPLE  | AS             | 9/12/2019            |
| SAMPLE ID: SW-W (2.5') | % MOISTURE EPA 3550C | 4.0                  | 0.050      | % OF SAMPLE  | AS             | 9/12/2019            |

**CHAIN OF CUSTODY**

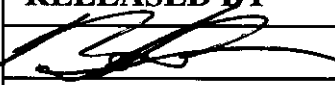
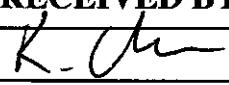
|                |                   |               |
|----------------|-------------------|---------------|
| PROJECT NUMBER | SITE NAME/ADDRESS | COMPANY/NAME  |
|                | ALLEN B3-34       | RIVERSIDE     |
| SAMPLED BY     | COMPANY           | GTA PROJECT # |
| B. BARMANN     | ECT               | 091219-1      |

**SAMPLE INFORMATION**

| # | SAMPLE ID   | DATE SAMPLED | TIME | MATRIX | ANALYSIS |
|---|-------------|--------------|------|--------|----------|
| 1 | F-1 (5.5')  | 9-12-19      | 0830 | SOIL   | CHLORIDE |
| 2 | F-2 (5.5')  |              | 0835 |        |          |
| 3 | SW-N (2.5') |              | 0840 |        |          |
| 4 | SW-E (2.5') |              | 0845 |        |          |
| 5 | SW-S (2.5') |              | 0850 |        |          |
| 6 | SW-W (2.5') |              | 0855 |        |          |
| 7 | F-1 (7.5')  |              | 0905 |        | HOLD     |
| 8 | F-1 (9.5')  |              | 0910 |        | HOLD     |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |
|   |             |              |      |        |          |

BILL TO: LISA HARRIGER  
ECT

REPORT TO:  
Brian Barmann, ECT

|                                                                                    |              |                                                                                         |                 |
|------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------|-----------------|
| RELEASED BY                                                                        | DATE/TIME    | RECEIVED BY                                                                             | DATE/TIME       |
|  | 9-12-19/1040 | K.  | 9/12/19 10:40am |
|                                                                                    |              |                                                                                         |                 |
|                                                                                    |              |                                                                                         |                 |

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