

## Nathanael Roberts TTI Environmental Inc. 1253 North Church Street Moorestown, NJ 08057

Phone: (856) 840-8800 Fax: (856) 840-8815

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 5/10/2022. The results are tabulated on the attached data pages for the following client designated project:

## 22-612 / Chatsworth Elementary School

The reference number for these samples is EMSL Order #012207489. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Ch MM

Owen McKenna, Chemistry Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted. NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.

5/23/2022



| Method         Parameter         Result         RL Units         Date & Analyst         Date & Analyst           METALS         200.8         Lead         3.06         1.00 µg/L         5/17/2022         JW         5/18/2022           Client Sample Description         2 / CES-WF-01 / Near Library         Collectet:         5/10/2022         Lab ID:         01207489-           Method         Parameter         Result         RL Units         Prep<br>Date & Analyst         Paralyst         Parales Ar           Method         Parameter         Result         RL Units         Prep<br>Date & Analyst         Paramete Ar           Method         Parameter         Result         RL Units         Parameter         01207489-           Client Sample Description         3 / CES-S-02 / Kitchen         Collected:         5/10/2022         VD         5/19/2022           Client Sample Description         3 / CES-S-02 / Kitchen         Collected:         5/10/2022         VD         5/19/2022           Method         Parameter         Result         RL Units         Prep<br>Date & Analyst         Date & Analyst           Method         Parameter         Result         RL Units         Prep<br>Date & Analyst         Date & Analyst           Method         Parameter         Resu   | Client Sample Description 1 / CES-POE / Basement Boiler Room |                                     | Collected: | 5/10/2022<br>7:45:00 AM | Lat | D ID:             | 012207489-0 | 0001                 |      |
|---|--|-------------------------------------|------------|-------------------------|-----|-------------------|-------------|----------------------|------|
| 200.8       Lead       3.06       1.00 μg/L       5/17/2022       JW       5/18/2022         Client Sample Description       2 / CES-WF-01 / Near Library       Collected:       5/10/2022       Lab ID:       012207489-<br>7/46:00 AM         Method       Parameter       Result       RL Units       Prep<br>Date & Analys       Analys         METALS       200.8       Lead       ND       1.00 μg/L       5/18/2022       VD       5/19/2022         Client Sample Description       3 / CES-S-02 / Kitchen       Collected:       5/10/2022       Lab ID:       012207489-<br>7:50:00 AM         Method       Parameter       Result       RL Units       Prep<br>Date & Analys       012207489-<br>7:50:00 AM         Method       Parameter       Result       RL Units       Date & Analys       012207489-<br>7:50:00 AM         Method       Parameter       Result       RL Units       Date & Analys       Date & Analys         Method       Parameter       Result       RL Units       Date & Analys       Date & Analys         Kethod       Parameter       Result       RL Units       Date & Analys       Date & Analys         Kethod       Parameter       Result       RL Units       Date & Analys       Date & Analys         Kethod   | Method   | Parameter                           | Result     | RL Unit                 | ts  |                   |             | Analysi<br>Date & An |      |
| Cilient Sample Description       2/ CES-WF-01 / Near Library       Collected:       5/10/2022<br>7.46:00 AM       Lab ID:<br>0.1207489-<br>7.46:00 AM       01207489-<br>7.46:00 AM         Method       Parameter       Result       RL Units       Pare<br>Date & Analys       Analys<br>Date & Analys         METALS       200.8       Lead       ND       1.00 µg/L       5/18/2022<br>5/10/202       VD       5/19/2022<br>22:06         Cilient Sample Description       3 / CES-S-02 / Kitchen       Collected:       5/10/202<br>7:50:00 AM       VD       5/19/2022<br>22:06         Method       Parameter       Result       RL Units       Pare<br>Date & Analys       Analys<br>20:207489-<br>7:50:00 AM         Method       Parameter       Result       RL Units       Date & Analys<br>20:207       2:20789-<br>2:2072         Collect Sample Description       5 / CES-S-04 / Kindergarten CR 7       Collected:       5/10/2022<br>7:5:00 AM       Lab ID:       01207489-<br>2:19/2022         Cilient Sample Description       5 / CES-S-04 / Kindergarten CR 7       Collected:       5/10/2022<br>7:5:00 AM       Lab ID:       01207489-<br>2:207         Method       Parameter       Result       RL Units       Pare<br>Date & Analys       Analys<br>2:215         Collect Sample Description       7 / CES-S-06 / Nurse CR 4       Collec  | METALS   |                                     |            |                         |     |                   |             |                      |      |
| Nethod       Parameter       Result       RL Units       Preport       Analysis         METALS       200.8       Lead       ND       1.00 µg/L       5/18/022       VD       5/19/0225       22:06         Client Sample Description       3 / CES-S-02 / Kitchen       Collected:       5/10/022       Leab       Date & Analysis       0.2020 r489-<br>22:06       22:06         Method       Parameter       Result       RL Units       Date & Analysis   | 200.8  | Lead                                | 3.06       | 1.00 µg/L               |     | 5/17/2022         | JW          |                      | ΛL   |
| Wethod       Parameter       Result       RL Units       Date & Analyst       Date & A Aralyst         METALS       200.8       Lead       ND $1.00 \mu g/L$ $5/18/2022$ $VD$ $5/19/2022$ $22:06$ Client Sample Description $3 / CES-S-02 / Kitchen$ Collected: $5/10/2022$ Lab ID: $012007489-7:50:00 AM$ $012007489-7:5$   | Client Sample De   | escription 2 / CES-WF-01 / Near Lil | orary      | Collected:              |     | Lat               | D ID:       | 012207489-0          | 0002 |
| 200.8       Lead       ND       1.00 µg/L       5/18/2022       VD       5/19/2022<br>22:06         Client Sample Description       3 / CES-S-02 / Kitchen       Collected:       5/10/2022       Lab ID:       012207489-<br>7:50:00 AM         Method       Parameter       Result       RL Units       Prep<br>Date & Analyst       Analys         Method       Parameter       Result       RL Units       Date & Analyst       Date & Analyst         200.8       Lead       ND       1.00 µg/L       5/18/2022       VD       5/19/2022<br>22:07         Client Sample Description       5 / CES-S-04 / Kindergarten CR 7       Collected:       5/10/2022       Lab ID:       012207489-<br>7:53:00 AM         Method       Parameter       Result       RL Units       Prep<br>Date & Analyst       Date & Aralyst         Method       Parameter       Result       RL Units       Date & Analyst       Date & Aralyst         200.8       Lead       2.34       1.00 µg/L       5/18/2022       VD       5/19/2022       22:15         Client Sample Description       7 / CES-S-06 / Nurse CR 4       Collected:       5/10/2022       Lab ID:       012207489-<br>7:55:00 AM       012207489-<br>7:55:00 AM         Method       Parameter       Result       RL Units       Prep<br>D  | Method   | Parameter                           | Result     | RL Unit                 | ts  |                   |             | Analysi<br>Date & An |      |
| Client Sample Description         3 / CES-S-02 / Kitchen         Collected:         5/10/2022<br>7:50:00 AM         Lab ID:         012207489-<br>7:50:00 AM           Method         Parameter         Result         RL Units         Date & Analys         Date & Analys           Method         Parameter         Result         RL Units         Date & Analys         Date & Analys           Method         Parameter         Result         RL Units         Date & Analys         Date & Analys           Olient Sample Description         5 / CES-S-04 / Kindergarten CR 7         Collected:         5/10/2022<br>7:53:00 AM         VD         012207489-<br>7:53:00 AM           Method         Parameter         Result         RL Units         Prep<br>Date & Analys         Date & Analys           Method         Parameter         Result         RL Units         Date & Analys         Date & Analys           Method         Parameter         Result         RL Units         Date & Analys         Date & Analys           Method         Parameter         Result         Result         RL Units         Date & Analys         Date & Analys           Method         Parameter         Result         Collected:         5/10/2022<br>7:55:00 AM         O12207489-<br>7:55:00 AM           Method         Parameter         R   | METALS   |                                     |            |                         |     |                   |             |                      |      |
| Method       Parameter       Result       RL Units $Prep Date & Amalys & Date & Amal$ | 200.8  | Lead                                | ND         | 1.00 µg/L               | -   | 5/18/2022         | VD          |                      | VD   |
| Method         Parameter         Result         RL Units         Date & Ånalyst         Date & Ån           METALS         METALS         ND         1.00 µg/L         \$/18/2022         ½D         \$/219/2022         \$/22:07         \$/18/2022         ½D         \$/219/2022         \$/22:07         \$/219/2022         \$/219/20  | Client Sample De   | escription 3 / CES-S-02 / Kitchen   |            | Collected:              |     | Lat               | D ID:       | 012207489-0          | 0003 |
| 200.8       Lead       ND       1.00 μg/L       5/18/2022       VD       5/19/2022       22:07         Client Sample Description       5 / CES-S-04 / Kindergarten CR 7       Collected:       5/10/2022       Lab ID:       012207489-         Method       Parameter       Result       RL Units       Prep<br>Date & Analys       Analys         METALS       Collected:       5/10/2022       VD       5/19/2022       012207489-         Client Sample Description       7 / CES-S-06 / Nurse CR 4       Collected:       5/10/2022       VD       5/19/2022       22:15         Method       Parameter       Result       1.00 µg/L       5/10/2022       VD       5/19/2022       22:15         Method       Parameter       Result       RL Units       Date & Analys       012207489-         Method       Parameter       Result       S/10/2022       VD       5/19/2022       22:15         Method       Parameter       Result       RL Units       Date & Analys       Date & Analys         Method       Parameter       Result       RL Units       Date & Analys       Date & Analys         020.8       Lead       ND       1.00 µg/L       5/18/2022       VD       5/19/2022  | Method   | Parameter                           | Result     | RL Unit                 | ts  |                   |             | Analysi<br>Date & An |      |
| Client Sample Description         5 / CES-S-04 / Kindergarten CR 7         Collected:         5/10/2022<br>7:53:00 AM         Lab ID:         012207489-<br>7:53:00 AM           Method         Parameter         Result         RL Units         Date & Analyst         Date & Analyst           METALS         Lead         2:34         1.00 µg/L         5/18/2022         VD         5/19/2022<br>22:15           Client Sample Description         7 / CES-S-06 / Nurse CR 4         Collected:         5/10/2022<br>7:55:00 AM         Lab ID:         012207489-<br>20:15           Method         Parameter         Result         RL Units         Prep<br>5/19/2022         Analys           Method         Parameter         Result         S/10/2022<br>7:55:00 AM         Lab ID:         012207489-<br>20:15           Method         Parameter         Result         RL Units         Prep<br>Date & Analyst         Analyst           Method         Parameter         Result         RL Units         Date & Analyst         Date & Aralyst           Method         Parameter         Result         RL Units         Date & Analyst         Date & Aralyst           Method         Parameter         VD         1.00 µg/L         5/18/2022         VD         5/19/2022  | METALS   |                                     |            |                         |     |                   |             |                      |      |
| Method       Parameter       Result       RL Units       Prep Date & Analys       Analys         METALS       200.8       Lead       2.34       1.00 µg/L       5/18/2022       VD       5/19/2022       22:15  | 200.8  | Lead                                | ND         | 1.00 µg/L               |     | 5/18/2022         | VD          |                      | VD   |
| Method         Parameter         Result         RL Units         Date & Analyst         Date & Analyst           METALS         200.8         Lead         2.34         1.00 µg/L         5/18/2022         VD         5/19/2022           200.8         Lead         2.34         1.00 µg/L         5/18/2022         VD         5/19/2022           Client Sample Description         7 / CES-S-06 / Nurse CR 4         Collected:         5/10/2022         Lab ID:         012207489-           Method         Parameter         Result         RL Units         Prep Date & Analyst         Date & Analyst           METALS         200.8         Lead         ND         1.00 µg/L         5/18/2022         VD         5/19/2022   | Client Sample De   | escription 5 / CES-S-04 / Kindergar | ten CR 7   | Collected:              |     | Lab               | ) ID:       | 012207489-0          | 0004 |
| 200.8       Lead       2.34       1.00 μg/L       5/18/2022       VD       5/19/2022       22:15         Client Sample Description       7 / CES-S-06 / Nurse CR 4       Collected:       5/10/2022       Lab ID:       012207489-         Method       Parameter       Result       RL Units       Prep       Analyst         METALS       200.8       Lead       ND       1.00 μg/L       5/18/2022       VD       5/19/2022  | Method   | Parameter                           | Result     | RL Unit                 | ts  |                   |             | Analysi<br>Date & An |      |
| 22:15           Client Sample Description         7 / CES-S-06 / Nurse CR 4         Collected:         5/10/2022<br>7:55:00 AM         Lab ID:         012207489-           Method         Parameter         Result         RL Units         Prep<br>Date & Analyst         Analys           METALS         200.8         Lead         ND         1.00 µg/L         5/18/2022         VD         5/19/2022  | METALS   |                                     |            |                         |     |                   |             |                      |      |
| Time     Time       Method     Parameter     Result     RL Units     Prep<br>Date & Analyst     Analys<br>Date & Ar       METALS     200.8     Lead     ND     1.00 µg/L     5/18/2022     VD     5/19/2022   | 200.8  | Lead                                | 2.34       | 1.00 µg/L               |     | 5/18/2022         | VD          |                      | VD   |
| Method Parameter Result RL Units Date & Analyst Date & Ar<br>METALS<br>200.8 Lead ND 1.00 µg/L 5/18/2022 VD 5/19/2022   | Client Sample De   | escription 7 / CES-S-06 / Nurse CR  | 4          | Collected:              |     | Lat               | ) ID:       | 012207489-0          | 0005 |
| 200.8 Lead ND 1.00 μg/L 5/18/2022 VD 5/19/2022  | Method   | Parameter                           | Result     | RL Unit                 | ts  | Prep<br>Date & An | alyst       | Analysi<br>Date & An |      |
|   | METALS   |                                     |            |                         |     |                   |             |                      |      |
|   | 200.8  | Lead                                | ND         | 1.00 µg/L               |     | 5/18/2022         | VD          | 5/19/2022<br>22:17   | VD   |

| EMSL             | EMSL Analytical,<br>200 Route 130 North, Cinnamin<br>Phone/Fax: (856) 303-2500 /<br>http://www.EMSL.com | nson, NJ 08077            |              | EMSL Order:<br>CustomerID:<br>CustomerPO:<br>ProjectID: | 012207489<br>TTIE54<br>034799 |
|------------------|---|---------------------------|--------------|---|-------------------------------|
| TTI En<br>1253 N | nael Roberts<br>vironmental Inc.<br>lorth Church Street<br>stown, NJ 08057                              | Phone:<br>Fax:<br>Receive | (856) 840-88 | 15  |                               |
| Project: 22-612  | 2 / Chatsworth Elementary Schoo   | ol                        |              |   | ,                             |

|                  |                                    | Analytical | Results                |                                |                            |  |
|------------------|------------------------------------|------------|------------------------|--------------------------------|----------------------------|--|
| Client Sample De | scription 8 / CES-WF-07 / By Nurse |            |                        | )/2022 <b>Lab ID:</b><br>00 AM | 012207489-0006             |  |
| Method           | Parameter                          | Result     | RL Units               | Prep<br>Date & Analyst         | Analysis<br>Date & Analyst |  |
| METALS           |                                    |            |                        |                                |                            |  |
| 200.8            | Lead                               | ND         | 1.00 μg/L              | 5/18/2022 VD                   | 5/19/2022 VD<br>22:18      |  |
| Client Sample De | scription 9 / CES-BF-08 / CR2      |            |                        | 0/2022 <b>Lab ID:</b><br>00 AM | 012207489-0007             |  |
| Method           | Parameter                          | Result     | RL Units               | Prep<br>Date & Analyst         | Analysis<br>Date & Analyst |  |
| METALS           |                                    |            |                        |                                |                            |  |
| 200.8            | Lead                               | 12.9       | 1.00 µg/L              | 5/18/2022 VD                   | 5/19/2022 VD<br>22:20      |  |
| Client Sample De | <i>scription</i> 10 / Blank        |            | <b>Collected:</b> 5/10 | )/2022 Lab ID:                 | 012207489-0008             |  |
| Method           | Parameter                          | Result     | RL Units               | Prep<br>Date & Analyst         | Analysis<br>Date & Analyst |  |
| METALS           |                                    |            |                        |                                |                            |  |
| 200.8            | Lead                               | ND         | 1.00 μg/L              | 5/18/2022 VD                   | 5/19/2022 VD<br>22:21      |  |
| S. C             |                                    |            |                        |                                |                            |  |

## **Definitions:**

MDL - method detection limit J - Result was below the reporting limit, but at or above the MDL ND - indicates that the analyte was not detected at the reporting limit RL - Reporting Limit (Analytical) D - Dilution Sample required a dilution which was used to calculate final results