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Independent School District #197  
1897 Delaware Avenue  
Mendota Heights, MN 55118  
Attn: Mr. Mark Fenton

**RE: Lead in Drinking Water Sampling**  
**SITE: Garlough Elementary**  
**DATE: December 2018**

Dear Mark Fenton,

Field Environmental Consulting, Inc. (FIELD ENVIRONMENTAL) appreciates the opportunity to provide results for lead in drinking water sampling conducted at Garlough Elementary.

Initial sampling ("first draw") was completed on Thursday, October 4, 2018. All samples were below the action level of 20 ppb (or µg/L).

Analysis was conducted by Pace Analytical Services, Inc. of Minneapolis, Minnesota using EPA Method 200.8 ICPMS for determination of trace elements in drinking water.

**PREPARED and REVIEWED BY:**

**Field Environmental Consulting, Inc.**

A handwritten signature in cursive script that reads "Amy Weinzierl".

Amy Weinzierl (CSP #27824)

Environmental Health and Safety Manager

amy@fieldconsultinginc.com

952-746-5880

School Name: **Garlough Elementary (GAR)**Date: **10/4/2018**

| Floor | Room Number | Location             | Sample ID | Type<br>DF = Drinking Fountain<br>S = Sink<br>WC = Water Cooler<br>BF = Bottle Filler<br>K=Kettle | Lead Result (ppb) |
|-------|-------------|----------------------|-----------|---|-------------------|
| First | -           | Kitchen              | 1         | S   | 0.21              |
| First | -           | Kitchen              | 2         | S   | 3.7               |
| First | -           | Kitchen              | 3         | S   | 1                 |
| First | -           | Kitchen              | 4         | S   | 0.64              |
| First | -           | Kitchen              | 5         | K   | 1.4               |
| First | 120         | Staff Lounge         | 6         | S   | 1.9               |
| First | 138         | Classroom            | 7         | S   | 2.3               |
| First | 138         | Classroom            | 8         | DF  | 3.9               |
| First | 143         | Classroom            | 9         | S   | 0.89              |
| First | 143         | Classroom            | 10        | DF  | 0.42              |
| First | 141         | Classroom            | 11        | S   | 0.64              |
| First | 141         | Classroom            | 12        | DF  | 0.83              |
| First | 136         | Classroom            | 13        | S   | 2.2               |
| First | 136         | Classroom            | 14        | DF  | 2.5               |
| First | 139         | Classroom            | 15        | S   | 2.7               |
| First | 137         | Classroom            | 16        | S   | 0.61              |
| First | 137         | Classroom            | 17        | DF  | 0.12              |
| First | 134         | Classroom            | 18        | S   | 4                 |
| First | 134         | Classroom            | 19        | DF  | 4.5               |
| First | 132         | Classroom            | 20        | S   | 4.6               |
| First | 132         | Classroom            | 21        | DF  | 7.2               |
| First | -           | Hallway East by 133G | 22        | WC  | ND                |
| First | -           | Hallway West by 133B | 23        | WC  | ND                |
| First | 130         | Classroom            | 24        | S   | 0.67              |
| First | 130         | Classroom            | 25        | DF  | 0.16              |
| First | 130         | Classroom            | 26        | S   | 0.77              |
| First | 129         | Classroom            | 27        | S   | 0.57              |
| First | 129         | Classroom            | 28        | DF  | 0.52              |
| First | 128         | Classroom            | 29        | S   | 0.52              |
| First | 128         | Classroom            | 30        | DF  | 0.16              |
| First | 127         | Classroom            | 31        | S   | 0.58              |
| First | 127         | Classroom            | 32        | DF  | 0.19              |
| First | 126         | Classroom            | 33        | S   | 0.57              |
| First | 126         | Classroom            | 34        | DF  | 0.2               |
| First | 125         | Classroom            | 35        | S   | 1.1               |
| First | 125         | Classroom            | 36        | DF  | 0.57              |
| First | 124         | Classroom            | 37        | S   | 0.75              |
| First | 124         | Classroom            | 38        | DF  | 0.12              |
| First | -           | Hallway by 123       | 39        | WC  | ND                |
| First | -           | Hallway by 123       | 40        | BF  | ND                |
| First | -           | Hallway by 121       | 41        | WC  | ND                |
| First | -           | Hallway by 121       | 42        | BF  | 0.22              |
| First | 115         | Classroom            | 43        | S   | 0.25              |
| First | 145         | Nurse                | 44        | S   | 0.33              |

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|-------|-------------|----------------|-----------|---|-------------------|
| First | -           | Hallway by 100 | 45        | WC  | ND                |
| First | 102         | Classroom      | 46        | S   | 0.17              |
| First | 102         | Classroom      | 47        | S   | 0.23              |
| First | 104         | Classroom      | 48        | S   | 1.2               |
| First | 104         | Classroom      | 49        | DF  | 0.24              |
| First | 105         | Classroom      | 50        | S   | 0.76              |
| First | 105         | Classroom      | 51        | DF  | 0.28              |
| First | 106         | Classroom      | 52        | S   | 0.64              |
| First | 106         | Classroom      | 53        | DF  | 0.2               |
| First | 107         | Classroom      | 54        | S   | 0.68              |
| First | 107         | Classroom      | 55        | DF  | 0.3               |
| First | 108         | Classroom      | 56        | S   | 1                 |
| First | 108         | Classroom      | 57        | DF  | 0.2               |
| First | 109         | Classroom      | 58        | S   | 0.88              |
| First | 109         | Classroom      | 59        | DF  | 0.17              |

Garlough Elementary School  
 1<sup>st</sup> Floor  
 Lead in Drinking Water  
 Project # 19010



First Draw Sampling (October 2018)

- ◆ Lead <= 20 ppb
- ◆ Lead > 20 ppb (Action Level)

