May 2, 2018

City of Lompoc - Water Treatment Plant
Lab ID : CC 1881133
Customer : 8-45
Attn: Mary Erland
100 Civic Center Plaza
Lompoc, CA 93436

Laboratory Report

Introduction: This report package contains total of 9 pages divided into 3 sections:

Case Narrative (2 pages): An overview of the work performed at FGL.
Sample Results (6 pages): Results for each sample submitted.
Quality Control (1 page): Supporting Quality Control (QC) results.

Case Narrative

This Case Narrative pertains to the following samples:

<table>
<thead>
<tr>
<th>Sample Description</th>
<th>Date Sampled</th>
<th>Date Received</th>
<th>FGL Lab ID #</th>
<th>Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>ME - Cafeteria Fountain</td>
<td>04/18/2018</td>
<td>04/18/2018</td>
<td>CC 1881133-001</td>
<td>DW</td>
</tr>
<tr>
<td>ME - CN Kitchen Sink</td>
<td>04/18/2018</td>
<td>04/18/2018</td>
<td>CC 1881133-002</td>
<td>DW</td>
</tr>
<tr>
<td>ME - Room 3 Exterior Ftn. Low</td>
<td>04/18/2018</td>
<td>04/18/2018</td>
<td>CC 1881133-003</td>
<td>DW</td>
</tr>
<tr>
<td>ME - Room 17 Exerior Ftn. Low</td>
<td>04/18/2018</td>
<td>04/18/2018</td>
<td>CC 1881133-004</td>
<td>DW</td>
</tr>
<tr>
<td>ME - Room 19 Exterior Ftn. Low</td>
<td>04/18/2018</td>
<td>04/18/2018</td>
<td>CC 1881133-005</td>
<td>DW</td>
</tr>
<tr>
<td>DISTRIBUTION SOURCE (SS3)</td>
<td>04/18/2018</td>
<td>04/18/2018</td>
<td>CC 1881133-006</td>
<td>DW</td>
</tr>
</tbody>
</table>

Sampling and Receipt Information: All samples were received in acceptable condition and within temperature requirements, unless noted on the Condition Upon Receipt (CUR) form. All samples arrived on ice. All samples were prepared and analyzed within the method specified hold time. All samples were checked for pH if acid or base preservation is required (except for VOAs). For details of sample receipt information, please see the attached Chain of Custody and Condition Upon Receipt Form.

Quality Control: All samples were prepared and analyzed according to the following tables:

<table>
<thead>
<tr>
<th>Inorganic - Metals QC</th>
</tr>
</thead>
<tbody>
<tr>
<td>200.8</td>
</tr>
<tr>
<td>04/20/2018:205569 All analysis quality controls are within established criteria</td>
</tr>
<tr>
<td>04/20/2018:204523 All preparation quality controls are within established criteria</td>
</tr>
</tbody>
</table>
Certification: I certify that this data package is in compliance with ELAP standards, both technically and for completeness, except for any conditions listed above. Release of the data contained in this data package is authorized by the Laboratory Director or his designee, as verified by the following electronic signature.

KD:DMB
INORGANIC CHEMICALS ANALYSIS

Date of Report : May 02, 2018  
Sample ID : CC 1881133-001

Laboratory Name : FGL Environmental

 Approved By Kelly A. Dunnahoo, B.S. 
Title: Laboratory Director
 Date: 2018-05-02

Sampled On : 04/18/2018-06:25
Received On : 04/18/2018-10:15
Completed On : 04/20/2018
Sampler : Mary Erland
Employed By : City of Lompoc Water

System Name : LOMPOC-CITY WATER UTILITY DIV  
Number : 4210006-AAJ-A  
EDT

Name Or Number of Sample Source : Miguelito Elementary-Cafeteria fountain

<table>
<thead>
<tr>
<th>MCL</th>
<th>UNITS</th>
<th>CHEMICALS</th>
<th>ENTRY</th>
<th>RESULT</th>
<th>DLR</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>ug/L</td>
<td>Lead</td>
<td>01051</td>
<td>ND</td>
<td>5</td>
</tr>
</tbody>
</table>

MCL - Maximum Contaminant Level,  
DLR - Detection Limit for Reporting Purpose,  
ND - Not Detected at or above DLR
INORGANIC CHEMICALS ANALYSIS

Date of Report : May 02, 2018  
Sample ID : CC 188113-002

Laboratory Name : FGL Environmental  
Approved By: Kelly A. Dunnahoo, B.S.

Sampled On : 04/18/2018-06:27  
Sampler : Mary Erland

Received On : 04/18/2018-10:15  
Employed By : City of Lompoc Water

Completed On : 04/20/2018

System Name : LOMPOC-CITY WATER UTILITY DIV  
Number : 4210006-AAJ-B

Name Or Number of Sample Source : Miguelito Elementary-CN kitchen sink

User ID : TAP  
Station Number : 4210006-AAJ-B

Date/Time of Sample : 1804180627  
Laboratory Code : 5867

Submitted By : FGL Environmental  
Phone # : (805) 392-2000

REGULATED INORGANIC

<table>
<thead>
<tr>
<th>MCL</th>
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<th>ENTRY</th>
<th>RESULT</th>
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<td>ug/L</td>
<td>Lead</td>
<td>01051</td>
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</tbody>
</table>

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ND - Not Detected at or above DLR
INORGANIC CHEMICALS ANALYSIS

Date of Report : May 02, 2018  
Sample ID : CC 188113-003

Laboratory Name : FGL Environmental  
Approved By: Kelly A. Dunnahoo, B.S.

Sampled On : 04/18/2018-06:21  
Sampler : Mary Erland

Received On : 04/18/2018-10:15  
Employed By : City of Lompoc Water

Completed On : 04/20/2018

System Name : LOMPOC-CITY WATER UTILITY DIV  
Number : 4210006-AAJ-C

Name Or Number of Sample Source : Miguelito Elementary-Room 3 exterior fou

<table>
<thead>
<tr>
<th>MCL</th>
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<th>ENTRY</th>
<th>RESULT</th>
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</table>

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INORGANIC CHEMICALS ANALYSIS

Date of Report : May 02, 2018  
Sample ID : CC 188113-004

Laboratory Name : FGL Environmental  
Approved By: Kelly A. Dunnahoo, B.S. 
Title: Laboratory Director
Date: 2018-05-02

Sampled On : 04/18/2018-06:23  
Sampler : Mary Erland

Received On : 04/18/2018-10:15  
Employed By : City of Lompoc Water

Completed On : 04/20/2018

System Name : LOMPOC-CITY WATER UTILITY DIV  
Number : 4210006-AAJ-D

Name Or Number of Sample Source : Miguelito Elementary-Room 17 exterior fo

User ID : TAP  
Station Number : 4210006-AAJ-D

Date/Time of Sample : 1804180623  
Laboratory Code : 5 8 6 7

Submitted By : FGL Environmental  
Phone # : (805) 392-2000

REGULATED INORGANIC

<table>
<thead>
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<th>MCL</th>
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</table>

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ND - Not Detected at or above DLR
INORGANIC CHEMICALS ANALYSIS

Date of Report : May 02, 2018  Sample ID : CC 188113-005
Laboratory Name : FGL Environmental  Approved By Kelly A. Dunnahoo, B.S.
Sampled On : 04/18/2018-06:28  Employer : City of Lompoc Water
Received On : 04/18/2018-10:15  Sampled By : Mary Erland
Completed On : 04/20/2018  Submitted By : FGL Environmental

System Name : LOMPOC-CITY WATER UTILITY DIV  Station Number : 4210006-AAJ-E
Number : 4210006-AAJ-E  Laboratory Code : 5 8 6 7
Name Or Number of Sample Source : Miguelito Elementary-Room 19 exterior

<table>
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<th>ENTRY</th>
<th>RESULT</th>
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## INORGANIC CHEMICALS ANALYSIS

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<thead>
<tr>
<th>Field</th>
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<td>Name Or Number of Sample Source</td>
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<tr>
<td>Submitted By</td>
<td>FGL Environmental</td>
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<tr>
<td>Phone #</td>
<td>(805) 392-2000</td>
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May 2, 2018
City of Lompoc - Water Treatment Plant

Lab ID : CC 1881133
Customer : 8-45

Quality Control - Inorganic

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Method</th>
<th>Date/ID</th>
<th>Type</th>
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<th>Conc.</th>
<th>QC Data</th>
<th>DQO</th>
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<td></td>
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<tr>
<td>Lead</td>
<td>200.8</td>
<td>(CC 1881005-001)</td>
<td>MS</td>
<td>µg/L</td>
<td>5.000</td>
<td>120 %</td>
<td>75-125</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>MSD</td>
<td>µg/L</td>
<td>5.000</td>
<td>105 %</td>
<td>75-125</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>MSRPD</td>
<td>µg/L</td>
<td>5.000</td>
<td>13.0%</td>
<td>≤20</td>
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<tr>
<td>Metals</td>
<td></td>
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<td>CCV</td>
<td>ppb</td>
<td>120.0</td>
<td>103 %</td>
<td>90-110</td>
<td>0.5</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>CCB</td>
<td>ppb</td>
<td>-0.115</td>
<td>-0.115</td>
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<tr>
<td>Metals</td>
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<td>CCB</td>
<td>ppb</td>
<td>-0.122</td>
<td>0.5</td>
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</table>

**Definition**

- **CCV**: Continuing Calibration Verification - Analyzed to verify the instrument calibration is within criteria.
- **CCB**: Continuing Calibration Blank - Analyzed to verify the instrument baseline is within criteria.
- **MS**: Matrix Spikes - A random sample is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- **MSD**: Matrix Spike Duplicate of MS/MSD pair - A random sample duplicate is spiked with a known amount of analyte. The recoveries are an indication of how that sample matrix affects analyte recovery.
- **MSRPD**: MS/MSD Relative Percent Difference (RPD) - The MS relative percent difference is an indication of precision for the preparation and analysis.
- **DQO**: Data Quality Objective - This is the criteria against which the quality control data is compared.