Monday, October 11, 2021

Attn:  
Solitude Lake Management  
310 East Washington Ave  
Washington NJ 07882

Project ID:  CROTON RIVER  
SDG ID:  GCJ49414  
Sample ID#s: CJ49414 - CJ49416

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller  
Laboratory Director

NELAC - #NY11301  
NJ Lab Registration #CT-003
CT Lab Registration #PH-0618  
NY Lab Registration #11301
MA Lab Registration #M-CT007  
PA Lab Registration #68-03530
ME Lab Registration #CT-007  
RI Lab Registration #63
NH Lab Registration #213693-A,B  
UT Lab Registration #CT00007

Sample Id Cross Reference

Project ID: CROTON RIVER

<table>
<thead>
<tr>
<th>Client Id</th>
<th>Lab Id</th>
<th>Matrix</th>
</tr>
</thead>
<tbody>
<tr>
<td>FW-1A</td>
<td>CJ49414</td>
<td>DRINKING WATER</td>
</tr>
<tr>
<td>DW-1A</td>
<td>CJ49415</td>
<td>DRINKING WATER</td>
</tr>
<tr>
<td>DW-3A</td>
<td>CJ49416</td>
<td>DRINKING WATER</td>
</tr>
</tbody>
</table>
### Analysis Report
October 11, 2021

**FOR:**
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

**Sample Information**
- **Matrix:** DRINKING WATER
- **Location Code:** SOLITUDE
- **Rush Request:** Standard
- **P.O. #:**

**Custody Information**
- **Collected by:**
- **Received by:** CP
- **Analyzed by:** see "By" below

**Date** | **Time**
--- | ---
10/05/21 | 10:10
10/05/21 | 16:13

**Laboratory Data**
- **SDG ID:** GCJ49414
- **Phoenix ID:** CJ49414

**Parameter** | **Result** | **RL/ PQL** | **DIL** | **Units** | **AL** | **MCL** | **MCLG** | **Date/Time** | **By** | **Reference**
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---

**Extraction for 525.3 (Fluridone)**
- Completed 10/06/21 W/W E525.3

**Semivolatile Organic**
- **Fluridone**
  - 0.35 0.29 1 ug/L 10/08/21 MH E525.3

**QA/QC Surrogates**
- **% 1,3-Dimethyl-2-nitrobenzene**
  - 92 1 % NA NA NA 10/08/21 MH 70 - 130 %
- **% benzo(a)pyrene-d12**
  - 92 1 % NA NA NA 10/08/21 MH 70 - 130 %
- **% Triphenylphosphate**
  - 83 1 % NA NA NA 10/08/21 MH 70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

**Comments:**
If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 11, 2021
Reviewed and Released by: Rashmi Makol, Project Manager
Analysis Report
October 11, 2021

FOR: Attn: Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

Sample Information
Matrix: DRINKING WATER  
Location Code: SOLITUDE
Rush Request: Standard
P.O.#:

Custody Information
Collected by:  
Received by: CP
Analyzed by: see "By" below

Date  Time
10/05/21 10:12
10/05/21 16:13

Laboratory Data
SDG ID: GCJ49414
Phoenix ID: CJ49415

Project ID: CROTON RIVER
Client ID: DW-1A

Parameter  Result  RL/PQL  DIL  Units  AL  MCL  MCLG Date/Time  By  Reference

Extraction for 525.3 (Fluridone)  Completed  10/06/21  W/W  E525.3

Semivolatile Organic
Fluridone  0.34  0.29  1  ug/L  10/08/21  MH  E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene  84  1  %  NA  NA  NA  10/08/21  MH  70 - 130 %
% benzo(a)pyrene-d12  90  1  %  NA  NA  NA  10/08/21  MH  70 - 130 %
% Triphenylphosphate  80  1  %  NA  NA  NA  10/08/21  MH  70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level  DIL=Dilution (analysis required diluting to evaluate)  ND=Not Detected
BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)
AL = Action Level  MCL = Maximum Contaminant Level  MCLG = Maximum Contaminant Level Goal
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:
If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. 
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
October 11, 2021
Reviewed and Released by: Rashmi Makol, Project Manager
**Analysis Report**
October 11, 2021

FOR: Attn:
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

---

### Sample Information
- **Matrix:** DRINKING WATER
- **Location Code:** SOLITUDE
- **Rush Request:** Standard

### Custody Information
- Collected by: 
- Received by: CP
- Analyzed by: see "By" below

### Laboratory Data
- **SDG ID:** GCJ49414
- **Phoenix ID:** CJ49416

### Date/Time
- 10/05/21 10:17
- 10/05/21 16:13

---

#### Laboratory Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3 (Fluridone)</td>
<td>Completed</td>
<td></td>
<td></td>
<td>W/W</td>
<td></td>
<td></td>
<td>10/06/21</td>
<td></td>
<td>E525.3</td>
</tr>
</tbody>
</table>

#### Semivolatile Organic

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluridone</td>
<td>0.52</td>
<td>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td>10/08/21</td>
<td>MH</td>
<td>E525.3</td>
</tr>
</tbody>
</table>

**QA/QC Surrogates**

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Dimethyl-2-nitrobenzene</td>
<td>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>10/08/21</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>benzo(a)pyrene-d12</td>
<td>97</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>10/08/21</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphate</td>
<td>87</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>10/08/21</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>

---

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level  DIL=Dilution (analysis required diluting to evaluate)  ND=Not Detected

BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report.)

AL=Action Level  MCL=Maximum Contaminant Level  MCLG=Maximum Contaminant Level Goal

**QA/QC Surrogates:** Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

**Comments:**

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

---

Phyllis Shiller, Laboratory Director
October 11, 2021
Reviewed and Released by: Rashmi Makol, Project Manager
**Environmental Laboratories, Inc.**
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102  Fax (860) 645-0823

**QA/QC Report**  
October 11, 2021

**QA/QC Data**  
SDG I.D.: GCJ4941

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>LCSD</th>
<th>LCS</th>
<th>MSD</th>
<th>MS Dup</th>
<th>% Rec</th>
<th>RPD Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA/QC Batch 595030 (ug/L), QC Sample No: CJ 49414 (CJ 49414, CJ 49415, CJ 49416)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Semivolatile Organic Compounds - Drinking Water</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>98</td>
<td>103</td>
<td>100</td>
<td>3.0</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>87</td>
<td>79</td>
<td>88</td>
<td>86</td>
<td>2.3</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>91</td>
<td>79</td>
<td>82</td>
<td>88</td>
<td>7.1</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>86</td>
<td>78</td>
<td>86</td>
<td>86</td>
<td>0.0</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td><strong>Comment:</strong></td>
<td>Because insufficient sample volume was received, tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference  
LCS - Laboratory Control Sample  
LCSD - Laboratory Control Sample Duplicate  
MS - Matrix Spike  
MS Dup - Matrix Spike Duplicate  
NC - No Criteria  
Intf - Interference

Phyllis Shiller, Laboratory Director  
October 11, 2021
Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.
Analysis Comments
October 11, 2021
SDG I.D.: GCJ49414

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.
The samples in this delivery group were received at 2.5°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)
<table>
<thead>
<tr>
<th>Client Sample - Information - Identification</th>
<th>Analysis Request</th>
<th>This section MUST be completed with Bottle Quantities.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sample #</td>
<td>Matrix Code</td>
<td>Date</td>
</tr>
<tr>
<td>49414</td>
<td>DW-1A</td>
<td>10/5/21</td>
</tr>
<tr>
<td>49415</td>
<td>DW-1A</td>
<td>10/11</td>
</tr>
<tr>
<td>49416</td>
<td>DW-3A</td>
<td>10/17</td>
</tr>
</tbody>
</table>

**Customer:** Solitude Lake Management

**Address:** 310 W Washington Ave Suite Washington, NY 10282

**Project:** Croton River

**Invoice to:** Krista M.  

**Phone:** 609-850-6233

**Email:** VPh.EC1@Solitude1Inc.com