Thursday, October 04, 2018

Attn: Mr. Chris Doyle
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

Project ID: CROTON RIVER
Sample ID#s: CB60870 - CB60873

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 have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301
Analysis Report
October 04, 2018

FOR: Attn: Mr. Chris Doyle
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: LB
Analyzed by: see "By" below

Date Time
09/28/18 12:00
09/28/18 16:18

Laboratory Data
SDG ID: GCB60870
Phoenix ID: CB60870

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

Parameter Result RL/ PQL DIL Units AL MCL MCLG Date/Time By Reference
Extraction for 525.3 Completed 10/01/18 W/W E525.3

Semivolatile Organic
Fluridone 0.67 0.29 1 ug/L 10/02/18 MH E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 90 1 % NA NA NA 10/02/18 MH 70 - 130 %
% benzo(a)pyrene-d12 99 1 % NA NA NA 10/02/18 MH 70 - 130 %
% Triphenylphosphate 103 1 % NA NA NA 10/02/18 MH 70 - 130 %

### Comments:

- **Maximum Contaminant Level (MCL)** (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.

- **Action Level (AL)** (Lower of): 40 CFR Part 141.80; Public Health Law, Section 225 Part 5.

- **Secondary DW Maximum Contaminant Level Goal (MCLG)** (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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

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---

**Phyllis Shiller, Laboratory Director**

**October 04, 2018**

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
October 04, 2018

FOR: Attn: Mr. Chris Doyle
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: LB
Analyzer by: see "By" below

Date Time
09/28/18 12:10
09/28/18 16:18

Laboratory Data
SDG ID: GCB60870
Phoenix ID: CB60871

Parameter Result RL/ PQL DIL Units AL MCL MCLG Date/Time By Reference
Extraction for 525.3 Completed 10/01/18 W/W E525.3

Semivolatile Organic
Fluridone 0.77 0.29 1 ug/L 10/02/18 MH E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 86 1 % NA NA NA 10/02/18 MH 70 - 130 %
% benzo(a)pyrene-d12 101 1 % NA NA NA 10/02/18 MH 70 - 130 %
% Triphenylphosphate 102 1 % NA NA NA 10/02/18 MH 70 - 130 %
<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>
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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.

**Notes:**
- 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:**

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.


Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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Analysis Report
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Washington NJ 07882

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

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

Laboratory Data
SDG ID: GCB60870
Phoenix ID: CB60872

Parameter Result
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<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<td>E525.3</td>
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<tr>
<td>Semivolatile Organic</td>
<td></td>
<td></td>
<td>0.29</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td>10/02/18</td>
<td>MH</td>
<td>E525.3</td>
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<tr>
<td>Fluridone</td>
<td>1.1</td>
<td></td>
<td></td>
<td>ug/L</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>1,3-Dimethyl-2-nitrobenzene</td>
<td>79</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>10/02/18</td>
<td>MH</td>
<td>70 - 130 %</td>
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<tr>
<td>benzo(a)pyrene-d12</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>10/02/18</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphat</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>10/02/18</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>

QA/QC Surrogates

Ver 1
Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.


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October 04, 2018
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Analysis Report
October 04, 2018

FOR: Attn: Mr. Chris Doyle
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: LB
Analyzed by: see "By" below

Laboratory Data
SDG ID: GCB60870
Phoenix ID: CB60873

Parameter Result

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<th>AL</th>
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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
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<td>10/01/18</td>
<td>W/W</td>
<td>E525.3</td>
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<td>Semivolatile Organic</td>
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<td></td>
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<tr>
<td>Fluridone</td>
<td>0.40</td>
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<td>ug/L</td>
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<td></td>
<td>10/02/18</td>
<td>MH</td>
<td>E525.3</td>
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<td>QA/QC Surrogates</td>
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<td></td>
<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>85</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>10/02/18</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>96</td>
<td>1</td>
<td>%</td>
<td>NA</td>
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<td>NA</td>
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<td>10/02/18</td>
<td>MH</td>
<td>70 - 130 %</td>
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<tr>
<td>% Triphenylphosphate</td>
<td>98</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>10/02/18</td>
<td>MH</td>
<td>70 - 130 %</td>
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Ver 1
Phoenix I.D.: CB60873

Project ID: CROTON RIVER  
Client ID: DW-4A

<table>
<thead>
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<th>Parameter</th>
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<th>Units</th>
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<th>MCL</th>
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<th>Date/Time</th>
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</thead>
</table>

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Phyllis Shiller, Laboratory Director  
October 04, 2018  
Reviewed and Released by: Bobbi Aloisa, Vice President
## QA/QC Data

### QA/QC Batch 449685 (ug/L), QC Sample No: CB60870 (CB60870, CB60871, CB60872, CB60873)

### Semivolatile Organic Compounds - Drinking Water

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<th>Parameter</th>
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<th>LCS</th>
<th>LCSD</th>
<th>MS</th>
<th>MSD</th>
<th>% Rec Limits</th>
<th>% RPD Limits</th>
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<tr>
<td>Fluridone</td>
<td>ND</td>
<td>86</td>
<td></td>
<td>100</td>
<td>102</td>
<td>2.0</td>
<td>70 - 130</td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>81</td>
<td></td>
<td>84</td>
<td>89</td>
<td>94</td>
<td>5.5</td>
<td>70 - 130</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>81</td>
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<td>91</td>
<td>97</td>
<td>100</td>
<td>3.0</td>
<td>70 - 130</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>94</td>
<td>97</td>
<td>103</td>
<td>107</td>
<td>3.8</td>
<td>70 - 130</td>
<td></td>
</tr>
</tbody>
</table>

**Comment:**
Tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.

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 04, 2018
Sample Criteria Exceedances Report
GCB60870 - SOLITUDE

| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | Analysis
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</tbody>
</table>

*** No Data to Display ***

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.
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 1.6°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)
<table>
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<tr>
<th>Sample #</th>
<th>Identification</th>
<th>Sample Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
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<tr>
<td>LO8-1</td>
<td>Fu-1A</td>
<td>DW-3</td>
<td>12/01/18</td>
<td>12:00</td>
</tr>
<tr>
<td>LO8+1</td>
<td>Fu-1A</td>
<td>DW-3</td>
<td>12/10/18</td>
<td>12:00</td>
</tr>
<tr>
<td>LO8+2</td>
<td>Fu-3A</td>
<td>DW-3</td>
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<td>LO8+3</td>
<td>Fu-4A</td>
<td>DW-3</td>
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</table>

**Client Simple - Information - Identification**

**Analysis Request**

**This section MUST be completed with Bottle Quantities.**

**Comments, Special Requirements or Regulations:**

<table>
<thead>
<tr>
<th>Data Format</th>
<th>Phoenix Std Report</th>
<th>Excel</th>
<th>NDS</th>
<th>NY EZ EDD (ASP)</th>
<th>GIS/Key</th>
<th>Other</th>
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<th>Other</th>
<th>NY Enhanced (ASP) B *</th>
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**NY/NJ/PA CHAIN OF CUSTODY RECORD**

[Additional text and details as per the original document layout.]