Thursday, November 09, 2017

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

Project ID: CROTON RIVER  
Sample ID#s: BZ33835 - BZ33842  

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  
VT Lab Registration #VT11301
Analysis Report
November 09, 2017

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: 72 Hour
P.O.:

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

Laboratory Data
SDG ID: GBZ33835
Phoenix ID: BZ33835

Parameter Result
RL/ PQL DIL Units AL MCL MCLG Date/Time By Reference
Extraction for 525.3 Completed 11/08/17 E/E E525.3

Semivolatile Organic

Fluridone 0.77 0.29 1 ug/L 11/09/17 MH E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 89 1 % NA NA NA 11/09/17 MH 70 - 130 %
% benzo(a)pyrene-d12 94 1 % NA NA NA 11/09/17 MH 70 - 130 %
% Triphenylphosphate 96 1 % NA NA NA 11/09/17 MH 70 - 130 %
Phoenix I.D.: BZ33835

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

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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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Phyllis Shiller, Laboratory Director
November 09, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
### Analysis Report
November 09, 2017

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:** 72 Hour
- **P.O.#:**

#### Custody Information
- **Collected by:**
- **Received by:** B
- **Analyzed by:** see “By” below
- **Date:** 11/07/17
- **Time:** 12:10
- **Date:** 11/07/17
- **Time:** 15:20

#### Laboratory Data
- **SDG ID:** GBZ33835
- **Phoenix ID:** BZ33836

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#### Semivolatile Organic

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<tr>
<td>Fluridone</td>
<td>0.74</td>
<td>0.29</td>
<td>1</td>
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**QA/QC Surrogates**

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<th>DIL</th>
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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>87</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>89</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>
**Parameter** | **Result** | **PQL** | **DIL** | **Units** | **AL** | **MCL** | **MCLG Date/Time** | **By** | **Reference**
---|---|---|---|---|---|---|---|---|---

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**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.

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Phyllis Shiller, Laboratory Director  
November 09, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President
Sample Information

Matrix: DRINKING WATER
Location Code: SOLITUDE
Rush Request: 72 Hour
P.O.#: 

Custody Information

Collected by: 
Received by: B
Analyzed by: see "By" below

Date         Time
11/07/17     12:15
11/07/17     15:20

Laboratory Data

DW1-A

Project ID: CROTON RIVER
Client ID: DW1-A

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

Extraction for 525.3 Completed 11/08/17 E/E E525.3

Semivolatile Organic

Fluridone 1.2 0.29 1 ug/L 11/09/17 MH E525.3

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene 98 1 % NA NA NA 11/09/17 MH 70 - 130 %
% benzo(a)pyrene-d12 91 1 % NA NA NA 11/09/17 MH 70 - 130 %
% Triphenylphosphate 100 1 % NA NA NA 11/09/17 MH 70 - 130 %
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.

525 Analysis:
Chlorine was present; Sample was de-chlorinated prior to extraction/analysis. (EPA requires dechlorination at time of sampling.) A sample bias can not be ruled out.

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Phyllis Shiller, Laboratory Director
November 09, 2017
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<th>Parameter</th>
<th>Result</th>
<th>PQL</th>
<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By Reference</th>
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Analysis Report  
November 09, 2017

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: 72 Hour
P.O. #: 

Custody Information
Collected by: 
Received by: B 
Analyzed by: see “By” below

Laboratory Data

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Semivolatile Organic

Fluridone  
1.3 0.29 1 ug/L  
11/09/17 MH E525.3  

QA/QC Surrogates

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<th>Surrogate</th>
<th>Result</th>
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<th>DIL</th>
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<th>MCLG</th>
<th>Date/Time</th>
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<tr>
<td>1,3-Dimethyl-2-nitrobenzene</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>benzo(a)pyrene-d12</td>
<td>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphate</td>
<td>98</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
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<td>Parameter</td>
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<td>By Reference</td>
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**Phyllis Shiller, Laboratory Director**

**November 09, 2017**

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 09, 2017

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: 72 Hour
P.O.#:

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

Laboratory Data
SDG ID: GBZ33835
Phoenix ID: BZ33839

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<td>Fluridone</td>
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</table>
| % 1,3-Dimethyl-2-nitrobenzene | 94             | 1       | %   | NA    | NA | NA  |      | 11/09/17  | MH| 70 - 130 |%
| % benzo(a)pyrene-d12       | 90              | 1       | %   | NA    | NA | NA  |      | 11/09/17  | MH| 70 - 130 |%
| % Triphenylphosphate       | 96              | 1       | %   | NA    | NA | NA  |      | 11/09/17  | MH| 70 - 130 |%

Ver 1
### Comments:

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Phyllis Shiller, Laboratory Director  
November 09, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President

---

Ver 1
Analysis Report
November 09, 2017

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: 72 Hour
P.O.#:

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

Laboratory Data
SDG ID: GBZ33835
Phoenix ID: BZ33840

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Semivolatile Organic

<table>
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<td>Fluridone</td>
<td>0.74</td>
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<td>1</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>96</td>
<td>1</td>
<td>%</td>
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<td>% benzo(a)pyrene-d12</td>
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<td>% Triphenylphosphate</td>
<td>98</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
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<td>MH</td>
<td>70 - 130 %</td>
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**Parameter Result**

<table>
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<tr>
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<th>Units</th>
<th>AL</th>
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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: 72 Hour
P.O.:

Custody Information
Collected by:
Received by: B
Analyzed by: see “By” below

Laboratory Data
SDG ID: GBZ33835
Phoenix ID: BZ33841

Project ID: CROTON RIVER
Client ID: DW4-A

Parameter | Result | RL/PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Extraction for 525.3 | Completed | | | | | | | 11/08/17 | E/E | E525.3

Semivolatile Organic

Fluridone 0.55 0.29 1 ug/L 11/09/17 MH E525.3

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene 70 1 % NA NA NA 11/09/17 MH 70 - 130 %
% benzo(a)pyrene-d12 72 1 % NA NA NA 11/09/17 MH 70 - 130 %
% Triphenylphosphate 74 1 % NA NA NA 11/09/17 MH 70 - 130 %
Parameter | Result | PQL | DIL | Units | AL | MCL | MCLG Date/Time | By | Reference
---|---|---|---|---|---|---|---|---|---

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


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Phyllis Shiller, Laboratory Director
November 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 09, 2017

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: 72 Hour
P.O. #:

Laboatory Data

SDG ID: GBZ33835
Phoenix ID: BZ33842

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<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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Semivolatile Organic

Fluridone 0.91 0.29 1 ug/L 11/09/17 MH E525.3

QA/QC Surrogates

<p>| | | | | | | | | | | |</p>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>96</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>104</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>100</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
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<td>Parameter</td>
<td>RL/PQL</td>
<td>DIL</td>
<td>Units</td>
<td>AL</td>
<td>MCL</td>
<td>MCLG Date/Time</td>
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Phyllis Shiller, Laboratory Director
November 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
### QA/QC Report

November 09, 2017

#### QA/QC Data

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<tr>
<th>Parameter</th>
<th>Blank</th>
<th>Blk RL</th>
<th>LCS %</th>
<th>LCSD %</th>
<th>LCS RPD</th>
<th>MS %</th>
<th>MSD %</th>
<th>MS RPD</th>
<th>% Rec Limits</th>
<th>% RPD Limits</th>
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<tbody>
<tr>
<td>QA/QC Batch 408716 (ug/L), QC Sample No: BZ33837 (BZ33835, BZ33836, BZ33837, BZ33838, BZ33839, BZ33840, BZ33841, BZ33842)</td>
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</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>
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</tr>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>0.30</td>
<td>98</td>
<td>117</td>
<td>112</td>
<td>4.4</td>
<td>70 - 130</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>89</td>
<td>%</td>
<td>94</td>
<td>98</td>
<td>94</td>
<td>4.2</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>81</td>
<td>%</td>
<td>85</td>
<td>88</td>
<td>89</td>
<td>1.1</td>
<td>70 - 130</td>
<td>20</td>
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</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>100</td>
<td>%</td>
<td>96</td>
<td>102</td>
<td>99</td>
<td>3.0</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
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</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
November 09, 2017
Phoenix Laboratories does not assume responsibility for the data contained in this 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.

<table>
<thead>
<tr>
<th>SampNo</th>
<th>Acode</th>
<th>Phoenix Analyte</th>
<th>Criteria</th>
<th>Result</th>
<th>RL</th>
<th>Criteria</th>
<th>RL Criteria</th>
<th>Analysis</th>
<th>Units</th>
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</table>

*** No Data to Display ***
Analysis Comments

November 09, 2017

SDG I.D.: GBZ33835

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 4.6°C.
(Note acceptance criteria is above freezing up to 6°C)
# NY/NJ CHAIN OF CUSTODY RECORD

## PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com  
Fax (860) 645-0823  
Client Services (860) 645-8726

**Customer:** SLM  
**Address:** 310 East Washington Ave Suite  
Washington, NY 07823

**Project:** Croton River  
**Report to:** Chris Dayle  
**Invoice to:** [Redacted]

---

**Client Sample - Information - Identification**

<table>
<thead>
<tr>
<th>Matrix Code:</th>
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</thead>
<tbody>
<tr>
<td>DW=Drinking Water</td>
<td>GW=Ground Water</td>
<td>SW=Surface Water</td>
</tr>
<tr>
<td>WW=Waste Water</td>
<td>RW=Raw Water</td>
<td>SE=Sediment</td>
</tr>
<tr>
<td>SL=Sludge</td>
<td>S=Soil</td>
<td>SD=Solid</td>
</tr>
<tr>
<td>W=Wipe</td>
<td>OIL=Oil</td>
<td>B=Bulk</td>
</tr>
</tbody>
</table>

**PHOENIX USE ONLY**

<table>
<thead>
<tr>
<th>SAMPLE #</th>
<th>Customer Sample Identification</th>
<th>Sample Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
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</thead>
<tbody>
<tr>
<td>33835</td>
<td>FW1-A</td>
<td>DW</td>
<td>1-7-17</td>
<td>12:10</td>
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<tr>
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**Relinquished by:** [Signature]  
**Accepted by:** [Signature]  
**Date:** 1-17-17  
**Time:** 15:20

**Comments, Special Requirements or Regulations:**

---

**Analysis Request**

**Turnaround:**

- [ ] 1 Day*
- [ ] 2 Days*
- [ ] 3 Days*
- [ ] 5 Days
- [ ] 10 Days
- [ ] Other

- [ ] SURCHARGE APPLIES

**NJ**

- [ ] Res. Criteria
- [ ] Non-Res. Criteria
- [ ] Impact to GW Soil Cleanup Criteria
- [ ] Impact to GW soil screen Criteria
- [ ] GW Criteria

**NY**

- [ ] TOGS GW
- [ ] CP-51 SOIL
- [ ] 375SCO
- [ ] Unrestricted Soil
- [ ] Residential Soil
- [ ] Residential
- [ ] Commercial Soil
- [ ] Industrial Soil
- [ ] Subpart 5 DW

**Data Format**

- [ ] Phoenix Std Report
- [ ] Excel
- [ ] PDF
- [ ] GIS/Key
- [ ] EquiS
- [ ] NJ Hazsite EDD
- [ ] NY EZ EDD (ASP)
- [ ] Other

**Data Package**

- [ ] NJ Reduced Deliv.
- [ ] NY Enhanced (ASP A)
- [ ] Other

---

"This section MUST be completed with Bottle Quantities."
Thursday, November 09, 2017

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

Project ID: CROTON RIVER
Sample ID#:s BZ33843 - BZ33846

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                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  VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102    Fax (860) 645-0823
Analysis Report  
November 09, 2017

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: 72 Hour  
P.O.#:  

Custody Information
Collected by:  
Received by: B  
Date: 11/07/17  
Time: 11:05

Received by:  
Date: 11/07/17  
Time: 15:20

Analyzed by: see "By" below

Laboratory Data
SDG ID: GBZ33843  
Phoenix ID: BZ33843

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

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<th>Date/Time</th>
<th>By</th>
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<td>E/E</td>
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<td>Semivolatile Organic</td>
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<tr>
<td>Fluridone</td>
<td>0.82</td>
<td>0.29</td>
<td>1</td>
<td></td>
<td>ug/L</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>91</td>
<td>1</td>
<td></td>
<td></td>
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<td>% benzo(a)pyrene-d12</td>
<td>97</td>
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<td>NA</td>
<td></td>
<td></td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
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Ver 1
UNH-1
Phoenix I.D.: BZ33843

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<th>MCLG</th>
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Phyllis Shiller, Laboratory Director
November 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
### Sample Information
- **Matrix:** DRINKING WATER
- **Location Code:** SOLITUDE
- **Rush Request:** 72 Hour
- **P.O. #:**

### Custody Information
- **Collected by:**
- **Received by:** B 11/07/17 15:20
- **Analyzed by:** see "By" below 11/07/17 11:20

### Laboratory Data
- **Laboratory:** Environmental Laboratories, Inc.
- **SDG ID:** GBZ33843
- **Phoenix ID:** BZ33844

### Analysis Report
**FOR:**
- **Attn:** Mr. Chris Doyle
- **Solitude Lake Management**
- **310 East Washington Ave**
- **Washington NJ 07882**

**Date:** November 09, 2017

### Sample Information
- **Matrix:** DRINKING WATER
- **Location Code:** SOLITUDE
- **Rush Request:** 72 Hour
- **P.O. #:**

### Custody Information
- **Collected by:**
- **Received by:** B 11/07/17 15:20
- **Analyzed by:** see "By" below 11/07/17 11:20

### Laboratory Data
- **Laboratory:** Environmental Laboratories, Inc.
- **SDG ID:** GBZ33843
- **Phoenix ID:** BZ33844

**Parameter** | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Extraction for 525.3 | Completed | 11/08/17 | E/E | E525.3 |

### Semivolatile Organic

#### Fluridone
- **0.74** 1 ug/L 11/09/17 MH E525.3

#### QA/QC Surrogates

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<th>Units</th>
<th>AL</th>
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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>94</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
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<td>%</td>
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<tr>
<td>% Triphenylphosphate</td>
<td>99</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
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**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.


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Phyllis Shiller, Laboratory Director

November 09, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

---

Ver 1
Analysis Report
November 09, 2017

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: 72 Hour
P.O.:

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

Date Time
11/07/17 11:35
11/07/17 15:20

Laboratory Data
SDG ID: GBZ33843
Phoenix ID: BZ33845

Project ID: CROTON RIVER
Client ID: RFH-1

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

<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</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tr>
<td>Extraction for 525.3</td>
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<td>E525.3</td>
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**Semivolatile Organic**

Fluridone          0.74  0.29  1  ug/L 11/09/17 MH E525.3

**QA/QC Surrogates**

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<thead>
<tr>
<th>Substance</th>
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<th>DIL</th>
<th>Units</th>
<th>Date/Time</th>
<th>By</th>
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</thead>
<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>91</td>
<td>1</td>
<td>%</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>11/09/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Parameter</td>
<td>Result</td>
<td>PQL</td>
<td>DIL</td>
<td>Units</td>
<td>AL</td>
<td>MCL</td>
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</table>

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Phyllis Shiller, Laboratory Director
November 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
### Sample Information
- **Matrix:** DRINKING WATER
- **Location Code:** SOLITUDE
- **Rush Request:** 72 Hour
- **P.O. #:**

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

### Laboratory Data
- **SDG ID:** GBZ33843
- **Phoenix ID:** BZ33846

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<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
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<td></td>
<td>11/08/17</td>
<td>E/E</td>
<td>E525.3</td>
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#### Semivolatile Organic

<table>
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<tr>
<th>Compound</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
<th>By</th>
<th>Reference</th>
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</thead>
<tbody>
<tr>
<td>Fluridone</td>
<td>0.76</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td>E525.3</td>
</tr>
<tr>
<td>Fluridone</td>
<td>11/09/17</td>
<td>MH</td>
<td></td>
<td></td>
<td></td>
<td></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>By</th>
<th>Reference</th>
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</thead>
<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>90</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>MH 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>MH 70 - 130</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>100</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>MH 70 - 130</td>
</tr>
</tbody>
</table>
**Parameter** | **Result** | **PQL** | **DIL** | **Units** | **AL** | **MCL** | **MCLG Date/Time** | **By Reference**
--- | --- | --- | --- | --- | --- | --- | --- | ---

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Phyllis Shiller, Laboratory Director
November 09, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
### QA/QC Data

**QA/QC Report**  
November 09, 2017

**Parameter** | **Blank** | **RL** | **LCS** | **LCSD** | **MS** | **MSD** | **% Rec Limits** | **% RPD Limits**
---|---|---|---|---|---|---|---|---
QA/QC Batch 408716 (ug/L), QC Sample No: BZ33837 (BZ33843, BZ33844, BZ33845, BZ33846)  
**Semivolatile Organic Compounds - Drinking Water**

<table>
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<tr>
<th>Parameter</th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>0.30</td>
<td>98</td>
<td>117</td>
<td>112</td>
<td>4.4</td>
<td>70 - 130</td>
<td>20</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>89</td>
<td>%</td>
<td>94</td>
<td>98</td>
<td>94</td>
<td>4.2</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>81</td>
<td>%</td>
<td>85</td>
<td>88</td>
<td>89</td>
<td>1.1</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>100</td>
<td>%</td>
<td>96</td>
<td>102</td>
<td>99</td>
<td>3.0</td>
<td>70 - 130</td>
<td>20</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**  
November 09, 2017
Phoenix Laboratories does not assume responsibility for the data contained in this 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 4.6°C.  
(Note acceptance criteria is above freezing up to 6°C)
### NY/NJ Chain of Custody Record

**PHOENIX Environmental Laboratories, Inc.**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com  Fax: (860) 645-0823  
Client Services (860) 645-8726

Customer: SLM  
Address: 310 East Washington Ave Suite C  
Washington, NY 12822

Project: Croton River  
Report to: Chris Doyle  
Invoice to: Christine Li

---

### Client Sample - Information - Identification

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Customer Sample Identification</th>
<th>Sample Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
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<tr>
<td>33843</td>
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<td></td>
<td>11/17</td>
<td>11:05</td>
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<tr>
<td>33844</td>
<td>MB-1</td>
<td></td>
<td>11/20</td>
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<td>33845</td>
<td>RFH-1</td>
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<td>11/31</td>
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<tr>
<td>33846</td>
<td>HF-1</td>
<td></td>
<td>11/50</td>
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</tr>
</tbody>
</table>

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### Analysis Request

- [x] Fluoride

---

### Relinquished by:  
Accepted by: 
Date: 11/14/14  
Time: 15:23

**Comments, Special Requirements or Regulations:**

---

### Data Format

- [ ] Phoenix Std Report  
- [ ] Excel  
- [ ] PDF  
- [ ] GIS/Key  
- [ ] ECO  
- [ ] NJ Hazards EDD  
- [ ] NY EZ EDD (ASP)  
- [ ] Other

### Data Package

- [ ] NJ Reduced Deliv.  
- [ ] NY Enhanced (ASP B)  
- [ ] Other

---

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