Thursday, September 06, 2018

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

Project ID: CROTON RIVER
Sample ID#s: CB23123 - CB23126

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

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

Laboratory Data
SDG ID: GCB23123
Phoenix ID: CB23123

Parameter Result
<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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<tbody>
<tr>
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<td>09/05/18</td>
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<td>E525.3</td>
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</table>

Semivolatile Organic

Fluridone
ND 0.29 1 ug/L 09/06/18 MH E525.3 1

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene 73 1 % NA NA NA 09/06/18 MH 70 - 130 %
% benzo(a)pyrene-d12 113 1 % NA NA NA 09/06/18 MH 70 - 130 %
% Triphenylphosphate 115 1 % NA NA NA 09/06/18 MH 70 - 130 %
<table>
<thead>
<tr>
<th>Parameter</th>
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<th>MCLG</th>
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<th>By Reference</th>
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</thead>
</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)  
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MCLG = Maximum Contaminant Level Goal  
QA/QC Surrogates: Surrogates are compounds (preceded 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.

If there are any questions regarding this data, please call Phoenix Client Services. This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director  
September 06, 2018  
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: SW
Analyzed by: see "By" below

Laboratory Data
SDG ID: GCB23123
Phoenix ID: CB23124

Parameter | Result | RL/PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Extraction for 525.3 | Completed | | | | | | | | | |

Semivolatile Organic
Fluridone | 0.58 | 0.29 | 1 | ug/L | | | | 09/06/18 | MH | E525.3

QA/QC Surrogates

<p>| | | | | | | | | | |</p>
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<tr>
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<th></th>
<th></th>
<th></th>
</tr>
</thead>
</table>
| % 1,3-Dimethyl-2-nitrobenzene | 70 | 1 | % | NA | NA | NA | 09/06/18 | MH | 70 - 130 %
| % benzo(a)pyrene-d12 | 100 | 1 | % | NA | NA | NA | 09/06/18 | MH | 70 - 130 %
| % Triphenylphosphate | 105 | 1 | % | NA | NA | NA | 09/06/18 | MH | 70 - 130 %

Client ID: DW 1-A

Project ID: CROTON RIVER

Phoenix I.D.: CB23124

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

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Phyllis Shiller, Laboratory Director
September 06, 2018
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 06, 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: 72 Hour
P.O.:

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

Laboratory Data
SDG ID: GCB23123
Phoenix ID: CB23125

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<td>Fluridone</td>
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<td>ug/L</td>
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<td>MH</td>
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<td>QA/QC Surrogates</td>
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<td>% 1,3-Dimethyl-2-nitrobenzene</td>
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<td>1</td>
<td>%</td>
<td>NA</td>
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<td>MH</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>102</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>09/06/18</td>
<td>MH</td>
<td>70 - 130 %</td>
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<tr>
<td>% Triphenylphosphate</td>
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<td>%</td>
<td>NA</td>
<td>09/06/18</td>
<td>MH</td>
<td>70 - 130 %</td>
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</table>

Ver 1
Parameter | Result | PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---

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Phyllis Shiller, Laboratory Director
September 06, 2018
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report  
September 06, 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:** 72 Hour  
- **P.O.#:**

### Custody Information

- **Collected by:**  
- **Received by:** SW  
- **Analyzed by:** see "By" below

### Laboratory Data

- **SDG ID:** GCB23123  
- **Phoenix ID:** CB23126

#### Parameter Result

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<tr>
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<th>By</th>
<th>Reference</th>
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</tbody>
</table>

**Semivolatile Organic**

- **Fluridone:** ND 0.29 1 ug/L 09/06/18 MH E525.3

**QA/QC Surrogates**

- **% 1,3-Dimethyl-2-nitrobenzene:** 81 1 % NA NA NA 09/06/18 MH 70 - 130 %
- **% benzo(a)pyrene-d12:** 104 1 % NA NA NA 09/06/18 MH 70 - 130 %
- **% Triphenylphosphate:** 116 1 % NA NA NA 09/06/18 MH 70 - 130 %
<table>
<thead>
<tr>
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Phyllis Shiller, Laboratory Director  
September 06, 2018  
Reviewed and Released by: Bobbi Aloisa, Vice President
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.

<table>
<thead>
<tr>
<th>SampNo</th>
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<th>Criteria</th>
<th>Result</th>
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</tbody>
</table>
The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.
NY Temperature Narration
September 06, 2018

The samples in this delivery group were received at 3.1°C.
(Note acceptance criteria for relevant matrices 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) 645-8723
Client Services (860) 645-8726

**Project:** Co-Jean River  
**Report to:** Chris Doyle  
**Invoice to:** Krista M.

**Matrix Code:**  
Dw=Drinking Water  GW=Ground Water  SW=Surface Water  WW=Waste Water  
RW=Raw Water  SE=Sediment  SL=Sludge  SS=Soil  SD=Sediment-Water  Wv=Wp

<table>
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<th>Sample Id</th>
<th>Sample Type</th>
<th>Matrix</th>
<th>Date</th>
<th>Time</th>
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<td>Dw</td>
<td>1:25</td>
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**Comments, Special Requirements or Regulations:**

Page 13 of 13