Friday, September 15, 2017

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

Project ID:  CROTON RIVER
Sample ID#s: BY98514 - BY98525

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
Analysis Report  
September 15, 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: LB  
- Analyzed by: see "By" below

**Laboratory Data**
- SDG ID: GBY98514  
- Phoenix ID: BY98514

**Parameter** | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
---|---|---|---|---|---|---|---|---|---|---
Extraction for 525.3 | Completed | | | | | | | 09/11/17 | | E525.3

**Semivolatile Organic**

**Fluridone**  
0.56  
0.29  
1  
ug/L  
09/12/17  
MH  
E525.3  

**QA/QC Surrogates**

% 1,3-Dimethyl-2-nitrobenzene  
97  
1  
%  
NA  
NA  
NA  
09/12/17  
MH  
70 - 130 %

% benzo(a)pyrene-d12  
86  
1  
%  
NA  
NA  
NA  
09/12/17  
MH  
70 - 130 %

% Triphenylphosphate  
99  
1  
%  
NA  
NA  
NA  
09/12/17  
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.

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---

**Phyllis Shiller, Laboratory Director**

**September 15, 2017**

Reviewed and Released by: Bobbi Aloisa, Vice President
## Analysis Report
September 15, 2017

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

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

### Laboratory Data

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<td>MH</td>
<td>70 - 130 %</td>
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</table>
Parameter Result PQL DIL Units AL MCL MCLG Date/Time By Reference

1 = This parameter is not certified by 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:

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
September 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
**Analysis Report**  
September 15, 2017

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

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

**Laboratory Data**  
SDG ID: GBY98514  
Phoenix ID: BY98516  

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<th>By</th>
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</tr>
</tbody>
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**Comments:**

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Phyllis Shiller, Laboratory Director
September 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 15, 2017

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

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

Date | Time
--- | ---
09/11/17 | 11:18
09/11/17 | 15:11

Laboratory Data
- SDG ID: GBY98514
- Phoenix ID: BY98517

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<td><strong>Semivolatile Organic</strong></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>92</td>
<td>1</td>
<td>%</td>
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<td>70 - 130 %</td>
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<td>% benzo(a)pyrene-d12</td>
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<td>% Triphenylphosphate</td>
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Ver 1
Comments:

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September 15, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
## Analysis Report

**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:** LB  
- **Analyzed by:** see "By" below

### Laboratory Data
- **SDG ID:** GBY98514  
- **Phoenix ID:** BY98518

### Parameter Result

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September 15, 2017

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Analysis Report  
September 15, 2017

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

Sample Information

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<td>09/13/17</td>
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Laboratory Data

SDG ID: GBY98514  
Phoenix ID: BY98519

Environmental Laboratories, Inc.  
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045  
Tel. (860) 645-1102            Fax (860) 645-0823
### 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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**September 15, 2017**  
**Reviewed and Released by: Bobbi Aloisa, Vice President**
Analysis Report
September 15, 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: LB
- Analyzed by: see "By" below

Date Time
09/11/17 11:32
09/11/17 15:11

Laboratory Data
SDG ID: GBY98514
Phoenix ID: BY98520

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

Extraction for 525.3 Completed 09/12/17 H/H E525.3

Semivolatile Organic

Fluridone 0.46 0.29 1 ug/L 09/14/17 MH E525.3

1

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene 97 1 % NA NA NA 09/14/17 MH 70 - 130 %
% benzo(a)pyrene-d12 88 1 % NA NA NA 09/14/17 MH 70 - 130 %
% Triphenylphosphate 90 1 % NA NA NA 09/14/17 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.


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**  
**September 15, 2017**  
**Reviewed and Released by: Bobbi Aloisa, Vice President**
## Analysis Report

**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:** LB
- **Analyzed by:** see "By" below

### Laboratory Data

- **SDG ID:** GBY98514
- **Phoenix ID:** BY98521

### Project ID:

- CROTON RIVER
- DW4-B

### Parameter Results

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<td>% Triphenylphosphate</td>
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Ver 1
Parameters | Result | PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---

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---

Phyllis Shiller, Laboratory Director

September 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 15, 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: LB
Analyzed by: see "By" below

Laboratory Data
SDG ID: GBY98514
Phoenix ID: BY98522

Project ID: CROTON RIVER
Client ID: UNH-1

Parameter Result

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<td>NA</td>
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Semivolatile Organic

QA/QC Surrogates

Ver 1
UNH-1
Phoenix I.D.: BY98522

Client ID: UNH-1

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Phyllis Shiller, Laboratory Director
September 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 15, 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: LB
Analyzed by: see "By" below

Laboratory Data
SDG ID: GBY98514
Phoenix ID: BY98523

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<td>%</td>
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<td>% benzo(a)pyrene-d12</td>
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<td>% Triphenylphosphate</td>
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Phyllis Shiller, Laboratory Director  
September 15, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report  
September 15, 2017

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

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**Semivolatile Organic**

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**QA/QC Surrogates**

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<td>%</td>
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<td>% Triphenylphosphate</td>
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Project ID: CROTON RIVER
Client ID: RFH-1

Phoenix I.D.: BY98524

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Phyllis Shiller, Laboratory Director  
September 15, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 15, 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: LB
Analyzed by: see "By" below

Laboratory Data
SDG ID: GBY98514
Phoenix ID: BY98525

Project ID: CROTON RIVER
Client ID: HF-1

Parameter Result

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<tr>
<td>% Triphenylphosphate</td>
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**Phyllis Shiller, Laboratory Director**

September 15, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
### QA/QC Report

**September 15, 2017**

**QA/QC Data**

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**Comment:**
Tap water, collected and dechlorinated in sample containers, was used as the MS. A blank MS was analyzed with this batch.

### QA/QC Report

**September 15, 2017**

**QA/QC Data**

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<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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**Comment:**
Tap water, collected and dechlorinated in sample containers, was used as the MS. A blank MS was analyzed with this batch.

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

**Phyllis Shiller, Laboratory Director**

**September 15, 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.

---

### Sample Criteria Exceedances Report

**GBY98514 - SOLITUDE**

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*** No Data to Display ***
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 2.2°C.
(Note acceptance criteria is above freezing up to 6°C)
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<th>Sample</th>
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**Comments, Special Requirements or Regulations:**

Signature: [Signature]

**PHOENIX USE ONLY**

- Sample Identification
- Sample Matrix
- Date Sampled
- Time Sampled
- Analysis Request
- Turnaround:
  - 1 Day
  - 2 Days
  - 3 Days
  - 4 Days
  - 5 Days
  - 10 Days
  - Other

**What State were samples collected?**

- NJ
- NY

**Data Format**
- Phoenix Std Report
- Excel
- PDF
- GIS/Key
- EqUS
- NJ Hazsite EDD
- NY EZ EDD (ASP)
- Other

**Data Package**
- NL Reduced Deliver *
- NY Enhanced (ASP B) *