Monday, November 06, 2017

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

Project ID:  CROTON RIVER
Sample ID#s: BZ30354 - BZ30361

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

## 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:** GBZ30354
- **Phoenix ID:** BZ30354

### Parameter Result

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<th>Units</th>
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<th>Date/Time</th>
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### QA/QC Surrogates
- **% 1,3-Dimethyl-2-nitrobenzene:** 100
- **% benzo(a)pyrene-d12:** 101
- **% Triphenylphosphate:** 95

1

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**Analysis Report**

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- **Phoenix ID:** BZ30354

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</table>

**QA/QC Surrogates**
- **% 1,3-Dimethyl-2-nitrobenzene:** 100
- **% benzo(a)pyrene-d12:** 101
- **% Triphenylphosphate:** 95

1
### 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 06, 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:  LB  11/01/17  15:06
Analyzed by:  see “By” below

Date  Time
11/01/17  12:47
11/01/17  15:06

Laboratory Data
SDG ID:  GBZ30354
Phoenix ID:  BZ30355

Parameter Result

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Phyllis Shiller, Laboratory Director
November 06, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
### Analysis Report

November 06, 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  
  11/01/17 15:06
- **Analyzed by:** see "By" below  
  11/01/17 12:56

### Laboratory Data

- **SDG ID:** GBZ30354  
- **Phoenix ID:** BZ30356

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[Signature]

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November 06, 2017
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Analysis Report  
November 06, 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: GBZ30354
- Phoenix ID: BZ30357

### Parameter Results

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Parameter | Result | PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
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November 06, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 06, 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: GBZ30354
Phoenix ID: BZ30358

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<th>AL</th>
<th>MCL</th>
<th>MCLG Date/Time</th>
<th>By</th>
<th>Reference</th>
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</table>

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**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:** GBZ30354
- **Phoenix ID:** BZ30359

<table>
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<tr>
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<th>Result</th>
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<th>DIL</th>
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<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></td>
<td></td>
<td>11/03/17</td>
<td>H/H</td>
<td>E525.3</td>
</tr>
<tr>
<td><strong>Semivolatile Organic</strong></td>
<td></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>0.72</td>
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<td>1</td>
<td>ug/L</td>
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<td></td>
<td>11/04/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>92</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>82</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>89</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
</tbody>
</table>
Parameters | 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.

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  
November 06, 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:** LB
- **Analyzed by:** see "By" below

**Laboratory Data**

- **SDG ID:** GBZ30354
- **Phoenix ID:** BZ30360

### Parameter Result

<table>
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<tr>
<th>Parameter</th>
<th>Result</th>
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<th>DIL</th>
<th>Units</th>
<th>AL</th>
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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
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</thead>
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<tr>
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<td></td>
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<td></td>
<td>E525.3</td>
</tr>
<tr>
<td>Semivolatile Organic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Fluridone</td>
<td>0.59 0.29</td>
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<td></td>
<td>11/04/17</td>
<td>MH</td>
<td>E525.3</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>101</td>
<td>1</td>
<td>%</td>
<td>NA</td>
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<td>NA</td>
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<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>97</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
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<td>Parameter</td>
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</tr>
</tbody>
</table>

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Phyllis Shiller, Laboratory Director
November 06, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 06, 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

DRINKING WATER

SDG ID: GBZ30354
Phoenix ID: BZ30361

Laboratory Data

Project ID: CROTON RIVER
Client ID: DW4-B

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<thead>
<tr>
<th>Parameter</th>
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<th>Units</th>
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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>Semivolatile Organic</td>
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<td></td>
<td></td>
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<td></td>
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<td>Fluridone</td>
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<td></td>
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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></td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>85</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/04/17</td>
<td>MH</td>
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</tr>
<tr>
<td>% Triphenylphosphate</td>
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<td>MH</td>
<td>70 - 130 %</td>
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Phyllis Shiller, Laboratory Director  
November 06, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President
## QA/QC Data

### SDG I.D.: GBZ30354

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<th>Parameter</th>
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<th>LCSD %</th>
<th>LCS RPD</th>
<th>MS %</th>
<th>MS RPD</th>
<th>MS %</th>
<th>MS RPD</th>
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<tbody>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>0.30</td>
<td>96</td>
<td>81</td>
<td>83</td>
<td>2.4</td>
<td>70 - 130</td>
<td>20</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>84</td>
<td>%</td>
<td>97</td>
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<td>96</td>
<td>2.1</td>
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<td>20</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>82</td>
<td>%</td>
<td>95</td>
<td>97</td>
<td>92</td>
<td>5.3</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>81</td>
<td>%</td>
<td>96</td>
<td>96</td>
<td>94</td>
<td>2.1</td>
<td>70 - 130</td>
<td>20</td>
<td></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.

### QA/QC Batch 408244 (ug/L), QC Sample No: BZ30352 (BZ30359, BZ30360, BZ30361)

#### Semivolatile Organic Compounds - Drinking Water

<table>
<thead>
<tr>
<th>Fluridone</th>
<th>ND</th>
<th>0.30</th>
<th>79</th>
<th>86</th>
<th>89</th>
<th>3.4</th>
<th>70 - 130</th>
<th>20</th>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>85</td>
<td>%</td>
<td>92</td>
<td>92</td>
<td>97</td>
<td>5.3</td>
<td>70 - 130</td>
<td>20</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>75</td>
<td>%</td>
<td>79</td>
<td>83</td>
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<tr>
<td>% Triphenylphosphate</td>
<td>81</td>
<td>%</td>
<td>89</td>
<td>91</td>
<td>97</td>
<td>6.4</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 06, 2017
### Sample Criteria Exceedances Report

GBZ30354 - SOLITUDE

**Criteria:** NY: DW  
**State:** NY

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<th>Criteria</th>
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<td></td>
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<td></td>
</tr>
</tbody>
</table>

*** No Data to Display ***

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 2.1°C.  
(Note acceptance criteria is above freezing up to 6°C)
### NY/NJ Chain of Custody Record

**Customer:**

- **Name:** SLN
- **Address:** 30 East Washington Ave., Suite C
- **City:** Washington, NJ. 07882

**Project:** Croton River

**Report to:** Chris Boyle

**Invoice to:** Krista W.

### Matrix Code:

- DW = Drinking Water
- GW = Ground Water
- SW = Surface Water
- WW = Waste Water
- RW = Raw Water
- SE = Sediment
- SL = Sludge
- S = Soil
- SD = Solid
- W = Wipe

**Sample Identification/Time Sampled**

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Matrix</th>
<th>Date/Time Sampled</th>
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</thead>
<tbody>
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<td>30354</td>
<td>F11-A</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30355</td>
<td>F11-B</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30356</td>
<td>F21-A</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30357</td>
<td>F21-B</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30358</td>
<td>F23-A</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30359</td>
<td>F23-B</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30360</td>
<td>F34-A</td>
<td>11/17 12:05</td>
</tr>
<tr>
<td>30361</td>
<td>F34-B</td>
<td>11/17 12:05</td>
</tr>
</tbody>
</table>

**Relinquished by:**

- **Name:** B. Ansley

**Accepted by:**

- **Name:**

**Date:** 11/17 12:05

**Time:** 15:06

### Comments, Special Requirements or Regulations:

- SURCHARGE APPLIES

**What State were samples collected?**

- [ ] NY
- [ ] NJ

**NY**

- TOGS GW
- 3755CO
- 3755SOIL
- 3755SCO
- 3755SCOT
- 3755SOIL
- 3755SCO
- 3755SOIL
- 3755SCO
- 3755SOIL

**NJ**

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

**Data Format**

- Phoenix Std Report
- Excel
- PDF
- GIS/Key
- EOuls
- NJ Hazard EDD
- NY Fitz EDD (ASP)
- Other

**Data Package**

- NJ Reduced Deliv. *
- NY Enhanced (ASP B) *
Monday, November 06, 2017

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

Project ID: CROTON RIVER
Sample ID#s: BZ30350 - BZ30353

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
November 06, 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: GBZ30350
- Phoenix ID: BZ30350

Parameter Result
- Parameter: Extraction for 525.3
  - Result: Completed
  - Date/Time: 11/03/17 E/E E525.3

Semivolatile Organic
- Fluridone
  - Result: 0.45
  - Date/Time: 11/04/17 MH E525.3

QA/QC Surrogates
- % 1,3-Dimethyl-2-nitrobenzene
  - Result: 94
  - Date/Time: 11/04/17 MH 70 - 130 %
- % benzo(a)pyrene-d12
  - Result: 94
  - Date/Time: 11/04/17 MH 70 - 130 %
- % Triphenylphosphate
  - Result: 90
  - Date/Time: 11/04/17 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.

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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---

### Parameter Result

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<tr>
<th>Parameter</th>
<th>Result</th>
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<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By Reference</th>
</tr>
</thead>
</table>

1 = This parameter is not certified by NY NELAC for this matrix. NY NELAC does not offer certification for all parameters at this time.

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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.

---

Phyllis Shiller, Laboratory Director
November 06, 2017

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

**November 06, 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:** GBZ30350
- **Phoenix ID:** BZ30351

### Parameter Results

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<td></td>
<td>11/03/17</td>
<td>E/E</td>
<td>E525.3</td>
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### Semivolatile Organic

- **Fluridone**
  - **Result:** 0.54
  - **Units:** ug/L
  - **Date/Time:** 11/04/17
  - **By:** MH
  - **Reference:** E525.3

### QA/QC Surrogates

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<th>Units</th>
<th>Date/Time</th>
<th>By</th>
<th>% Recovery</th>
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</thead>
<tbody>
<tr>
<td>1,3-Dimethyl-2-nitrobenzene</td>
<td>94</td>
<td>%</td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Benzo(a)pyrene-d12</td>
<td>99</td>
<td>%</td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphate</td>
<td>94</td>
<td>%</td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
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</table>
# Parameters and Results

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<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By Reference</th>
</tr>
</thead>
</table>

**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 06, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 06, 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
11/01/17 12:01
11/01/17 15:06

Laboratory Data
SDG ID: GBZ30350
Phoenix ID: BZ30352

Parameter Result RL/ PQL DIL Units AL MCL MCLG Date/Time By Reference
Extraction for 525.3 Completed 11/03/17 H/H E525.3

Semivolatile Organic
Fluridone 0.51 0.29 1 ug/L 11/04/17 MH E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 95 1 % NA NA NA 11/04/17 MH 70 - 130 %
% benzo(a)pyrene-d12 78 1 % NA NA NA 11/04/17 MH 70 - 130 %
% Triphenylphosphate 96 1 % NA NA NA 11/04/17 MH 70 - 130 %

Ver 1
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<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By Reference</th>
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</thead>
</table>

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525 Analysis:
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Phyllis Shiller, Laboratory Director
November 06, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 06, 2017

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

<table>
<thead>
<tr>
<th>Sample Information</th>
<th>Custody Information</th>
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<th>Time</th>
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<td>12:15</td>
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<tr>
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Laboratory Data
 SDG ID: GBZ30350
 Phoenix ID: BZ30353

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Semivolatile Organic

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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>Fluridone</td>
<td>0.51</td>
<td>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
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<td>11/04/17</td>
<td>MH</td>
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 QA/QC Surrogates

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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>76</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>86</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>78</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/04/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Parameter</td>
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---

Phyllis Shiller, Laboratory Director

November 06, 2017

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

November 06, 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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<tr>
<td>Semivolatile Organic Compounds - Drinking Water</td>
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<tr>
<td>Fluridone</td>
<td>ND</td>
<td>0.30</td>
<td>96</td>
<td></td>
<td>96</td>
<td>81</td>
<td>83</td>
<td>2.4</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>84</td>
<td>%</td>
<td>97</td>
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<td>97</td>
<td>98</td>
<td>96</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
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<td>%</td>
<td>95</td>
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<td>95</td>
<td>97</td>
<td>92</td>
<td>5.3</td>
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<tr>
<td>% Triphenylphosphate</td>
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<td>%</td>
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<td>96</td>
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<tr>
<td>Tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.</td>
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<tr>
<td>Semivolatile Organic Compounds - Drinking Water</td>
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<tr>
<td>Fluridone</td>
<td>ND</td>
<td>0.30</td>
<td>79</td>
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<td>79</td>
<td>86</td>
<td>89</td>
<td>3.4</td>
<td>70 - 130</td>
<td>20</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>75</td>
<td>%</td>
<td>79</td>
<td></td>
<td>79</td>
<td>83</td>
<td>85</td>
<td>2.4</td>
<td>70 - 130</td>
<td>20</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>75</td>
<td>%</td>
<td>79</td>
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<td>83</td>
<td>85</td>
<td>2.4</td>
<td>70 - 130</td>
<td>20</td>
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<tr>
<td>% Triphenylphosphate</td>
<td>81</td>
<td>%</td>
<td>89</td>
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</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
November 06, 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**

**GBZ30350 - SOLITUDE**

<table>
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<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 Units</th>
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</thead>
</table>

*** 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 2.1°C. (Note acceptance criteria is above freezing up to 6°C)
**NY/NJ CHAIN OF CUSTODY RECORD**

Customer: SCM  
Address: 310 East Washington Ave, Suite C  
Wilmington, DE 19822

Project: Croton River  
Report to: Chris Doyle  
Invoice to: Krista M

**Client Sample - Information - Identification**

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Matrix Code</th>
<th>Date</th>
<th>Time</th>
<th>Sampled</th>
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<tbody>
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<td>01/11/17</td>
<td>11:22</td>
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<td>30351</td>
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<td>30353</td>
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**Analysis Request**

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

* SURCHARGE APPLIES

Relinquished by:  
Accepted by:

Date: 1/1/17  
Time: 11:15

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

**Data Package:**  
- [ ] NJ Reduced Deliv.*  
- [ ] NY Enhanced (ASP B) *

**What State were samples collected?**

The form includes sections for matrix codes, sample dates, time sampled, and comments or special requirements. It also has fields for turnaround options and data format choices.