Tuesday, November 14, 2017

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

Project ID: CROTON RIVER  
Sample ID#:s: BZ40001 - BZ40008

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

**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:** GBZ40001  
**Phoenix ID:** BZ40001

**Parameter** | Result | RL/PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
---|---|---|---|---|---|---|---|---|---|---
Extraction for 525.3 | Completed | | | | | | | 11/13/17 | e/E | E525.3

#### Semivolatile Organic

- **Fluridone** | 0.50 | 0.29 | 1 | ug/L | | | | 11/14/17 | MH | E525.3

#### QA/QC Surrogates

- **1,3-Dimethyl-2-nitrobenzene** | 93 | | 1 | % | NA | NA | NA | 11/14/17 | MH | 70 - 130 %
- **benzo(a)pyrene-d12** | 98 | | 1 | % | NA | NA | NA | 11/14/17 | MH | 70 - 130 %
- **Triphenylphosphate** | 90 | | 1 | % | NA | NA | NA | 11/14/17 | 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.

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.

---

<table>
<thead>
<tr>
<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>
</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.

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 (preceded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.
Analysis Report
November 14, 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:
Analyzed by: see "By" below

Laboratory Data
SDG ID: GBZ40001
Phoenix ID: BZ40002

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

Semivolatile Organic
Fluridone 0.46 0.29 1 ug/L 11/14/17 MH E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 100 1 % NA NA NA 11/14/17 MH 70 - 130 %
% benzo(a)pyrene-d12 98 1 % NA NA NA 11/14/17 MH 70 - 130 %
% Triphenylphosphate 99 1 % NA NA NA 11/14/17 MH 70 - 130 %

Completed

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Ver 1
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=R Reporting/Pactical 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.

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 14, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 14, 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
11/11/17 6:30
11/12/17 11:00

Laboratory Data
SDG ID: GBZ40001
Phoenix ID: BZ40003

Project ID: CROTON RIVER
Client ID: DW1-A

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/13/17</td>
<td>E/E</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>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.89</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
<td>QA/QC Surrogates</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>97</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130%</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>100</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130%</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>100</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130%</td>
</tr>
</tbody>
</table>
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 14, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
## Analysis Report
November 14, 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:** GBZ40001
- **Phoenix ID:** BZ40004

### Parameter Result

<table>
<thead>
<tr>
<th>Parameter Description</th>
<th>Result</th>
<th>RL/</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</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/13/17</td>
<td>E/E</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>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.85</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
<td><strong>QA/QC Surrogates</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>98</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>102</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>99</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</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.

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.
Analysis Report
November 14, 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: GBZ40001
Phoenix ID: BZ40005

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>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/13/17</td>
<td>E/E</td>
<td>E525.3</td>
</tr>
</tbody>
</table>

Semivolatile Organic

Fluridone 0.42 0.29 1 ug/L 11/14/17 MH E525.3

QA/QC Surrogates

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>Result</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>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Dimethyl-2-nitrobenzene</td>
<td>101</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</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>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphate</td>
<td>102</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>
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 14, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
## Analysis Report
### For:
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:** GBZ40001  
- **Phoenix ID:** BZ40006

### Client ID:
- **Project ID:** CROTON RIVER  
- **Sample:** DW3-B

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/13/17</td>
<td>E/E</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>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.40</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>E525.3</td>
</tr>
<tr>
<td><strong>QA/QC Surrogates</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>97</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>90</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>96</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</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.

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 14, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 14, 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: 11/11/17 6:00
Received by: LB 11/12/17 11:00
Analyzed by: see “By” below

Laboratory Data
SDG ID: GBZ40001
Phoenix ID: BZ40007

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/13/17</td>
<td>E/E</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>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.47</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
<td>QA/QC Surrogates</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130%</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>90</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130%</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130%</td>
</tr>
</tbody>
</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.

- **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.

This report must not be reproduced except in full as defined by the attached chain of custody.

---

**Report Details**

- **Client ID**: DW4-A
- **Project ID**: CROTON RIVER
- **Phoenix I.D.**: BZ40007

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>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>
</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.

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.
Analysis Report  
November 14, 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: GBZ40001  
- Phoenix ID: BZ40008

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Extraction for 525.3</td>
<td>Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/13/17</td>
<td>E/E</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>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.46</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/14/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
<td>QA/QC Surrogates</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>91</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></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>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>90</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/14/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
</tbody>
</table>
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 14, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
## QA/QC Report

### QA/QC Data

**Parameter** | **Blank** | **MS** | **Rec Limits**
--- | --- | --- | ---

**QA/QC Batch 409322 (ug/L), QC Sample No: BZ39498 (BZ40001, BZ40002, BZ40003, BZ40004, BZ40005, BZ40006, BZ40007, BZ40008)**

**Semivolatile Organic Compounds - Drinking Water**

- **Fluridone**: ND 0.30 % 93 84 84 0.0 70 - 130 20
- **% 1,3-Dimethyl-2-nitrobenzene**: 97 % 97 103 103 0.0 70 - 130 20
- **% benzo(a)pyrene-d12**: 99 % 98 110 103 6.6 70 - 130 20
- **% Triphenylphosphate**: 98 % 96 104 98 5.9 70 - 130 20

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

**RPD** - Relative Percent Difference  
**LCS** - Laboratory Control Sample  
**LCS D** - Laboratory Control Sample Duplicate  
**MS** - Matrix Spike  
**MS Dup** - Matrix Spike Duplicate  
**NC** - No Criteria  
**Intf** - Interference

---

**Phyllis Shiller, Laboratory Director**  
November 14, 2017
### Sample Criteria Exceedances Report

**GBZ40001 - SOLITUDE**

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

<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</th>
<th>Analysis Units</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<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°C.
(Note acceptance criteria is above freezing up to 6°C)
# NY/NJ Chain of Custody Record

## Details

**Client:** SLM  
**Address:** 310 East Washington Ave, Suite C  
**Washington, NJ 07882**  
**Project:** Ceston River  
**Report to:** Cheri Doyle  
**Invoice to:** Krista M.

## Sample Information

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Customer Sample Identification</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>400001</td>
<td>F01-A</td>
<td>DW</td>
<td>11/11/17</td>
</tr>
<tr>
<td>400002</td>
<td>F01-B</td>
<td></td>
<td>11/11/17</td>
</tr>
<tr>
<td>400003</td>
<td>D01-A</td>
<td>DW</td>
<td>11/11/17</td>
</tr>
<tr>
<td>400004</td>
<td>D01-B</td>
<td>DW</td>
<td>11/11/17</td>
</tr>
<tr>
<td>400005</td>
<td>D03-A</td>
<td>DW</td>
<td>11/11/17</td>
</tr>
<tr>
<td>400006</td>
<td>D03-B</td>
<td>DW</td>
<td>11/11/17</td>
</tr>
<tr>
<td>400007</td>
<td>D04-A</td>
<td></td>
<td>11/11/17</td>
</tr>
<tr>
<td>400008</td>
<td>D04-B</td>
<td></td>
<td>11/11/17</td>
</tr>
</tbody>
</table>

## Turnaround

- **Date:** 11/13/17  
- **Time:** 9:00

## Comments, Special Requirements or Regulations:

- **Turnaround:** 1 Day
- **Location:** NY
- **Access:** TOGS GW
- **Status:** New

## Data Format

- **File Extension:** .pdf
- **Data Package:** NY Reduced Deliv.