Tuesday, November 28, 2017

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

Project ID: CROTON RIVER
Sample ID#s: BZ46223 - BZ46230

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 28, 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: GBZ46223
- Phoenix ID: BZ46223

#### Parameter Results

<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>11/25/17</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>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.33</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/26/17</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>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>84</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/26/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>88</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/26/17</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>11/26/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
</tbody>
</table>

Ver 1
### Parameter Results

<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>
<tbody>
<tr>
<td>RL/PQL=</td>
<td>Reporting/Practical Quantitation Level</td>
<td>DIL=Dilution (analysis required diluting to evaluate)</td>
<td>ND=Not Detected</td>
<td>BRL=Below Reporting Level (less than the reporting level, the lowest amount the laboratory can detect and report)</td>
<td>AL = Action Level</td>
<td>MCL = Maximum Contaminant Level</td>
<td>MCLG = Maximum Contaminant Level Goal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**
- 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

**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 28, 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

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

Extraction for 525.3 Completed 11/25/17 H/H E525.3

Semivolatile Organic
Fluridone 0.32 0.29 1 ug/L 11/26/17 MH E525.3 1

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 82 1 % NA NA NA 11/26/17 MH 70 - 130 %
% benzo(a)pyrene-d12 97 1 % NA NA NA 11/26/17 MH 70 - 130 %
% Triphenylphosphate 90 1 % NA NA NA 11/26/17 MH 70 - 130 %
Client ID: FW1-B

<table>
<thead>
<tr>
<th>Parameter 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 (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 28, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 28, 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
- Date: 11/22/17
- Time: 10:20

SDG ID: GBZ46223
Phoenix ID: BZ46225

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/ PQL</th>
<th>DIL</th>
<th>Units</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>E525.3</td>
</tr>
</tbody>
</table>

Semivolatile Organic

- Fluridone 0.77 0.29 1 ug/L 11/26/17 MH E525.3

QA/QC Surrogates

- % 1,3-Dimethyl-2-nitrobenzene 73 1 % NA NA NA 11/26/17 MH 70 - 130 %
- % benzo(a)pyrene-d12 82 1 % NA NA NA 11/26/17 MH 70 - 130 %
- % Triphenylphosphate 79 1 % NA NA NA 11/26/17 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>
</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.

---

Phyllis Shiller, Laboratory Director

November 28, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 28, 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
Date: 11/22/17
Time: 10:21

Parameter | Result | RL/PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
----------|--------|--------|-----|-------|----|-----|------|-----------|----|---------
Extraction for 525.3 | Completed | | | | | | | 11/25/17 | H/H | E525.3

Semivolatile Organic

Fluridone

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fluridone</td>
<td>0.89</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td>11/26/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
</tbody>
</table>

QA/QC Surrogates

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>85</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>11/26/17</td>
<td>MH</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>91</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>11/26/17</td>
<td>MH</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>11/26/17</td>
<td>MH</td>
</tr>
<tr>
<td>Parameter</td>
<td>Result</td>
<td>PQL</td>
<td>DIL</td>
<td>Units</td>
<td>AL</td>
<td>MCL</td>
<td>MCLG</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>--------</td>
<td>-----</td>
<td>-----</td>
<td>-------</td>
<td>-----</td>
<td>-----</td>
<td>------</td>
</tr>
</tbody>
</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.

**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 28, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
## Sample Information

<table>
<thead>
<tr>
<th>Matrix:</th>
<th>DRINKING WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location Code:</td>
<td>SOLITUDE</td>
</tr>
<tr>
<td>Rush Request:</td>
<td>72 Hour</td>
</tr>
<tr>
<td>P.O.#:</td>
<td></td>
</tr>
</tbody>
</table>

## Custody Information

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/22/17</td>
<td>9:30</td>
</tr>
<tr>
<td>11/22/17</td>
<td>14:56</td>
</tr>
</tbody>
</table>

Collected by: [Name]
Received by: [Name]
Analyzed by: [Name]

## Laboratory Data

<table>
<thead>
<tr>
<th>SDG ID: GBZ46223</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoenix ID: BZ46227</td>
</tr>
</tbody>
</table>

## Parameter Results

**Semivolatile Organic**

<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>11/25/17</td>
<td>H/H</td>
<td>E525.3</td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.45</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/26/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
</tbody>
</table>

**QA/QC Surrogates**

<table>
<thead>
<tr>
<th>Surrogate</th>
<th>%</th>
<th>DIL</th>
<th>Units</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,3-Dimethyl-2-nitrobenzene</td>
<td>85</td>
<td>1</td>
<td>%</td>
<td>11/26/17</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>11/26/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphate</td>
<td>91</td>
<td>1</td>
<td>%</td>
<td>11/26/17</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>
</tr>
<tr>
<td>-----------</td>
<td>--------</td>
<td>-----</td>
<td>-----</td>
<td>-------</td>
<td>----</td>
<td>-----</td>
</tr>
</tbody>
</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.

**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 28, 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: GBZ46223
- Phoenix ID: BZ46228

Parameter	Result	RL/PQL	DIL	Units	AL	MCL	MCLG	Date/Time	By	Reference
Extraction for 525.3	Completed				11/25/17	H/H	E525.3

Semivolatile Organic
- Fluridone 0.37	0.29	1	ug/L	11/26/17	MH	E525.3

QA/QC Surrogates
- 1,3-Dimethyl-2-nitrobenzene 87	1	%	NA	NA	NA	11/26/17	MH	70 - 130 %
- benzo(a)pyrene-d12 96	1	%	NA	NA	NA	11/26/17	MH	70 - 130 %
- Triphenylphosphate 93	1	%	NA	NA	NA	11/26/17	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.

---

**Phyllis Shiller, Laboratory Director**  
**November 28, 2017**  
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 28, 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: GBZ46223
Phoenix ID: BZ46229

<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></td>
<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>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.38</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/28/17</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>70</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/28/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>88</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/28/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>81</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/28/17</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 28, 2017**  
**Reviewed and Released by: Bobbi Aloisa, Vice President**
Analysis Report
November 28, 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: GBZ46223
Phoenix ID: BZ46230

<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></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>0.37</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/28/17</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>86</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/28/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>98</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/28/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>94</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/28/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
</tbody>
</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.

### 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 28, 2017

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

**SDG I.D.: GBZ46223**

### Semivolatile Organic Compounds - Drinking Water

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>LCSD</th>
<th>LCS</th>
<th>MS</th>
<th>MSD</th>
<th>MS</th>
<th>% Rec Limits</th>
<th>% RPD Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA/QC Batch 410734 (ug/L), QC Sample No: BZ44840 (BZ46223, BZ46224, BZ46225, BZ46226, BZ46227, BZ46228)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>67</td>
<td>79</td>
<td>89</td>
<td>79</td>
<td>11.9</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>67</td>
<td>80</td>
<td>79</td>
<td>75</td>
<td>5.2</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>66</td>
<td>83</td>
<td>94</td>
<td>87</td>
<td>7.7</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>70</td>
<td>86</td>
<td>90</td>
<td>86</td>
<td>4.5</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Comment:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>LCSD</th>
<th>LCS</th>
<th>MS</th>
<th>MSD</th>
<th>MS</th>
<th>% Rec Limits</th>
<th>% RPD Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA/QC Batch 410813 (ug/L), QC Sample No: BZ45322 (BZ46229, BZ46230)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>81</td>
<td>74</td>
<td>81</td>
<td>74</td>
<td>7.1</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>81</td>
<td>74</td>
<td>81</td>
<td>87</td>
<td>7.1</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>82</td>
<td>78</td>
<td>88</td>
<td>100</td>
<td>12.8</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>91</td>
<td>84</td>
<td>91</td>
<td>99</td>
<td>8.4</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Comment:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* $s$ = This parameter is outside laboratory Blank Surrogate specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
### Sample Criteria Exceedances Report

**Criteria:** NY: DW  
**State:** NY  
**GBZ46223 - SOLITUDE**

<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>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.
NY Temperature Narration
November 28, 2017

SDG ID.: GBZ46223

The samples in this delivery group were received at 2.0°C.
(Note acceptance criteria is above freezing up to 6°C)
<table>
<thead>
<tr>
<th>Sample #</th>
<th>Customer Sample Identification</th>
<th>Sample Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>46228</td>
<td>DW1-A</td>
<td>Dw</td>
<td>11/22/17</td>
<td>10:00</td>
</tr>
<tr>
<td>46224</td>
<td>DW1-B</td>
<td>Dw</td>
<td>11/22/17</td>
<td>10:00</td>
</tr>
<tr>
<td>46225</td>
<td>DW1-C</td>
<td>Dw</td>
<td>11/22/17</td>
<td>10:00</td>
</tr>
<tr>
<td>46226</td>
<td>DW1-D</td>
<td>Dw</td>
<td>11/22/17</td>
<td>10:00</td>
</tr>
<tr>
<td>46227</td>
<td>DW1-E</td>
<td>Dw</td>
<td>11/22/17</td>
<td>10:00</td>
</tr>
</tbody>
</table>

**Relinquished by:**

B. C. ppm

**Accepted by:**

O. C. ppm

**Date:**

11/22/17

**Time:**

11:34

---

**Comments, Special Requirements or Regulations:**

---

**What State were samples collected?**

---

**Data Format**

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

**Data Package**

- N. Reduced Deliv. *
- NY Enhanced (ASP B) *