Monday, September 25, 2017

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

Project ID:  CROTON RIVER
Sample ID#s: BZ04966 - BZ04973

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.
If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102   Fax (860) 645-0823
Analysis Report
September 25, 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: 09/20/17 12:28
Received by: LB 09/20/17 15:00
Analyzed by: see "By" below

Laboratory Data
SDG ID: GBZ04966
Phoenix ID: BZ04966

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>09/21/17</td>
<td></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>0.59</td>
<td>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/22/17</td>
<td>HM</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>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>91</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>105</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>

Ver 1
<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 (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  
September 25, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 25, 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: GBZ04966
Phoenix ID: BZ04967

Project ID: CROTON RIVER
Client ID: FW1-B

Parameter Result
<table>
<thead>
<tr>
<th>Parameter</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>09/21/17</td>
<td>H/H</td>
<td>E525.3</td>
</tr>
</tbody>
</table>

Semivolatile Organic

Fluridone
<table>
<thead>
<tr>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.61</td>
</tr>
</tbody>
</table>

0.30 ug/L

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene
<table>
<thead>
<tr>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>95</td>
</tr>
</tbody>
</table>

1 %

% benzo(a)pyrene-d12
<table>
<thead>
<tr>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>92</td>
</tr>
</tbody>
</table>

1 %

% Triphenylphosphate
<table>
<thead>
<tr>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>108</td>
</tr>
</tbody>
</table>

1 %

For 525.3

09/22/17 HM E525.3

Ver 1
<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>
</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
September 25, 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:** GBZ04966
- **Phoenix ID:** BZ04968

### 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></td>
<td></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>1.4</td>
<td>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/24/17</td>
<td>HM</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>91</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/24/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>92</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/24/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>108</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/24/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>

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

| Comments: |

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.


Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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

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

Phyllis Shiller, Laboratory Director

September 25, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report  
September 25, 2017

FOR:  Atttn: 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: GBZ04966  
Phoenix ID: BZ04969

<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>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>1.3</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/22/17</td>
<td>HM</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>94</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>91</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>107</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>

Ver 1
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

**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:** 09/20/17  
- **Time:** 12:20  
- **Date:** 09/20/17  
- **Time:** 15:00

## Laboratory Data
- **SDG ID:** GBZ04966  
- **Phoenix ID:** BZ04970

## Project ID: CROTON RIVER  
**Client ID:** DW3-A

## 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>09/21/17</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>0.73</td>
<td>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/22/17</td>
<td>HM</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>109</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>103</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>122</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>

**Version:** 1

---

*Page 10 of 22*
<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

**Comments:**

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.


Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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

Phyllis Shiller, Laboratory Director
September 25, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 25, 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: GBZ04966
Phoenix ID: BZ04971

<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>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>0.74</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/22/17</td>
<td>HM</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>98</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>benzo(a)pyrene-d12</td>
<td>96</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Triphenylphosphate</td>
<td>117</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>Parameter</td>
<td>RL/</td>
<td>Result</td>
<td>PQL</td>
<td>DIL</td>
<td>Units</td>
<td>AL</td>
<td>MCL</td>
<td>MCLG</td>
<td>Date/Time</td>
<td>By</td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>--------</td>
<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

Comments:

Maximum Contaminant Level (MCL) (Lower of): 40 CFR Part 141; Public Health Law, Section 225 Part 5. The highest level of a contaminant that is allowed in drinking water. MCLs are enforceable standards.


Secondary DW Maximum Contaminant Level Goal (MCLG): (Lower of): 40 CFR Part 141; 40 CFR Part 143. The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs are non-enforceable public health goals.

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

Phyllis Shiller, Laboratory Director
September 25, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report  
September 25, 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: GBZ04966  
Phoenix ID: BZ04972

<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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>09/24/17</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>0.66</td>
<td>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/25/17</td>
<td>HM</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></td>
<td>09/25/17</td>
<td>HM</td>
<td>70 - 130 %</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></td>
<td>09/25/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>115</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/25/17</td>
<td>HM</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**  
**September 25, 2017**  
**Reviewed and Released by: Bobbi Aloisa, Vice President**
Analysis Report
September 25, 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
09/20/17
09/20/17

Time
12:46
15:00

Laboratory Data
SDG ID: GBZ04966
Phoenix ID: BZ04973

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

Extraction for 525.3
Completed
09/21/17
H/H
E525.3

Semivolatile Organic
Fluridone
0.54
0.30
1
ug/L
09/22/17
HM
E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene
100
1
%
NA
NA
NA
09/22/17
HM
70 - 130 %

% benzo(a)pyrene-d12
95
1
%
NA
NA
NA
09/22/17
HM
70 - 130 %

% Triphenylphosphate
113
1
%
NA
NA
NA
09/22/17
HM
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**

September 25, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President

---

<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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DIL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ND</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BRL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>AL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCL</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MCLG</td>
<td></td>
<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.
QA/QC Report  
September 25, 2017

### QA/QC Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>Blk</th>
<th>LCS</th>
<th>LCSD</th>
<th>LCS</th>
<th>MS</th>
<th>MSD</th>
<th>% Rec</th>
<th>% RPD</th>
<th>Limits</th>
<th>Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA/QC Batch 402392 (ug/L), QC Sample No: BZ04962 (BZ04966, BZ04967, BZ04969, BZ04970, BZ04971, BZ04972, BZ04973)</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>Semivolatile Organic Compounds - Drinking Water</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>ND</td>
<td>0.30</td>
<td>88</td>
<td>92</td>
<td>110</td>
<td>17.8</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>90</td>
<td>%</td>
<td>101</td>
<td>86</td>
<td>91</td>
<td>5.6</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>85</td>
<td>%</td>
<td>91</td>
<td>89</td>
<td>92</td>
<td>3.3</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>96</td>
<td>%</td>
<td>104</td>
<td>102</td>
<td>110</td>
<td>7.5</td>
<td>70 - 130</td>
<td>20</td>
<td></td>
<td></td>
<td></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  
September 25, 2017
Sample Criteria Exceedances Report

GBZ04966 - SOLITUDE

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.

<table>
<thead>
<tr>
<th>SampNo</th>
<th>Acode</th>
<th>Phoenix Analyte</th>
<th>Criteria</th>
<th>Result</th>
<th>RL</th>
<th>CR</th>
<th>Analysis Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>*** No Data to Display ***</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Monday, September 25, 2017
Criteria: NY: DW
State: NY

Page 19 of 22
Analysis Comments

September 25, 2017

SDG I.D.: GBZ04966

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 3.3°C.  
(Note acceptance criteria is above freezing up to 6°C)
**NY/NJ CHAIN OF CUSTODY RECORD**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040  
Email: info@phoenixlabs.com  Fax: (860) 645-0823  
Client Services (860) 645-8726

**Customer:** SLM  
**Address:** 570 East Washington Ave. Suite C  
**Washington**, CT 07822

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

---

### Sampler's Information - Identification

**Signature:**  
**Date:**

### Matrix Code:

- DW = Drinking Water  
- GW = Ground Water  
- SW = Surface Water  
- WW = Waste Water  
- RW = Raw Water  
- SE = Sediment  
- SL = Sludge  
- S = Soil  
- D = Solid  
- W = Wipe  
- OIL = Oil  
- B = Bulk  
- L = Liquid

### PHOENIX USE ONLY

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Identification</th>
<th>Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>01906</td>
<td>FW-1-A</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:28</td>
</tr>
<tr>
<td>04907</td>
<td>FW-1-B</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:28</td>
</tr>
<tr>
<td>04908</td>
<td>DW-1-A</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:30</td>
</tr>
<tr>
<td>04909</td>
<td>DW-1-B</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:30</td>
</tr>
<tr>
<td>04910</td>
<td>DW-3-A</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:49</td>
</tr>
<tr>
<td>04911</td>
<td>DW-3-B</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:53</td>
</tr>
<tr>
<td>04912</td>
<td>DW-4-A</td>
<td>DW</td>
<td>9/20/17</td>
<td>12:49</td>
</tr>
<tr>
<td>04913</td>
<td>DW-4-B</td>
<td>DW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Turnaround:

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

**N.J.:**  
- Res. Criteria  
- Non-Res. Criteria  
- Impact to GW Soil Cleanup Criteria  
- Impact to GW soil screen Criteria  
- GW Criteria

**N.Y.:**  
- TOGS GW  
- CP-51 SOIL  
- 375SCO Unrestricted Soil  
- 375SCO Residential Soil  
- 375SCO Commercial Soil  
- 375SCO Industrial Soil  
- Subpart 5 DW

### Data Format:

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

### Data Package:

- NJ Reduced Deliv. *  
- NY Enhanced (ASP B) *  
- Other

---

**Comments, Special Requirements or Regulations:**
Monday, September 25, 2017

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

Project ID: CROTON RIVER
Sample ID#:s: BZ04962 - BZ04965

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.
If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301
Analysis Report
September 25, 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: GBZ04962
Phoenix ID: BZ04962

Parameter Result
RL/PQL Date/Time By Reference

Semivolatile Organic
Fluridone
0.57 0.29 1 ug/L 09/22/17 HM E525.3

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 97 1 % NA NA NA 09/22/17 HM 70 - 130 %
% benzo(a)pyrene-d12 97 1 % NA NA NA 09/22/17 HM 70 - 130 %
% Triphenylphosphate 112 1 % NA NA NA 09/22/17 HM 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
September 25, 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:** GBZ04962  
- **Phoenix ID:** BZ04963

## Project ID: CROTON RIVER  
**Client ID:** MB-1

<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>09/21/17</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>0.58</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/22/17</td>
<td>HM</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>94</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>92</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>108</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></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  
September 25, 2017  
Reviewed and Released by: Bobbi Aloisa, Vice President

---

<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 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  
September 25, 2017

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

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>Collected by:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Received by:</td>
<td>LB</td>
</tr>
<tr>
<td>Analyzed by:</td>
<td>see “By” below</td>
</tr>
</tbody>
</table>

Laboratory Data

<table>
<thead>
<tr>
<th>SDG ID:</th>
<th>GBZ04962</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoenix ID:</td>
<td>BZ04964</td>
</tr>
</tbody>
</table>

<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>
</tbody>
</table>

Semivolatile Organic

<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>0.54</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td>09/22/17</td>
<td>HM</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>92</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>89</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>105</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>
RFJ-1

Phoenix I.D.: BZ04964

Client ID: RFJ-1

<table>
<thead>
<tr>
<th>Parameter</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>
</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
September 25, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
September 25, 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: GBZ04962
Phoenix ID: BZ04965

<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>09/21/17</td>
<td>H/H</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>0.30</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>09/22/17</td>
<td>HM</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></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>89</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>106</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>09/22/17</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
</tbody>
</table>
Project ID: CROTON RIVER
Client ID: HF-1

<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</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.

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.

Reviewed and Released by: Bobbi Aloisa, Vice President

Phyllis Shiller, Laboratory Director
September 25, 2017
**QA/QC Report**  
**September 25, 2017**

### QA/QC Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>LCS%</th>
<th>LCSD%</th>
<th>MS%</th>
<th>MSD%</th>
<th>% RPD Limits</th>
<th>% Rec Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>QA/QC Batch 402392 (ug/L), QC Sample No: BZ04962 (BZ04962, BZ04963, BZ04964, BZ04965)</td>
<td>ND</td>
<td>88</td>
<td>92</td>
<td>110</td>
<td>17.8</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td><strong>Semivolatile Organic Compounds - Drinking Water</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>70 - 130</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>90</td>
<td>101</td>
<td>86</td>
<td>91</td>
<td>5.6</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>85</td>
<td>91</td>
<td>89</td>
<td>92</td>
<td>3.3</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>96</td>
<td>104</td>
<td>102</td>
<td>110</td>
<td>7.5</td>
<td>70 - 130</td>
<td>20</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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**

**Inf - Interference**

---

Phyllis Shiller, Laboratory Director  
September 25, 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.

*** 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 3.3°C.
(Note acceptance criteria is above freezing up to 6°C)
# NY/NJ Chain of Custody Record

**Phoenix Environmental Laboratories, Inc.**

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06049

Email: info@phoenixlabs.com  Fax: (860) 645-0823

Client Services: (860) 645-8726

---

**Customer:** 5LM

**Address:** 210 East Washington Ave Suite C

Washington, NJ 07882

**Project:** Croton River

**Report to:** Chris Ante

**Invoice to:** Krista M.

---

### Client Sample - Information - Identification

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Customer Sample Identification</th>
<th>Matrix</th>
<th>Sample Date</th>
<th>Time Sampled</th>
</tr>
</thead>
<tbody>
<tr>
<td>04962</td>
<td>U.N. H-1</td>
<td>DW</td>
<td>9/30/17</td>
<td>11:58</td>
</tr>
<tr>
<td>04963</td>
<td>MB-1</td>
<td>D</td>
<td>11:58</td>
<td></td>
</tr>
<tr>
<td>04964</td>
<td>R.E. H-1</td>
<td></td>
<td>11:22</td>
<td></td>
</tr>
<tr>
<td>04965</td>
<td>H.F. -1</td>
<td></td>
<td>11:37</td>
<td></td>
</tr>
</tbody>
</table>

---

### Analysis Request

- **Product:** Fluoride, TDS

---

### Relinquished by

- **BY:** TC

- **Accept by:** MM

**Date:** 9/30/17  **Time:** 12:54 PM

**Date:** 10/11/17  **Time:** 15:00

---

**Comments, Special Requirements or Regulations:**

---

**Turnaround:**

- **NJ:**
  - Res. Criteria
  - Non-Res. Criteria
  - Impact to GW Soil Cleanup Criteria
  - Impact to GW soil screen Criteria

- **NY:**
  - TOGS GW
  - CP-51 SOIL
  - 375SCO Unrestricted Soil
  - 375SCO Residential Soil
  - 375SCO Commercial Soil
  - 375SCO Industrial Soil
  - 375SCO Subpart 5 DW

**Data Format:**

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

**Data Package:**

- NJ Reduced Deliv. *
- NY Enhanced (ASP B) *
- Other

---

**This section MUST be completed with Bottle Quantities.**