Monday, November 20, 2017

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

Project ID: CROTON RIVER
Sample ID#s: BZ42518 - BZ42525

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
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: GBZ42518
Phoenix ID: BZ42518

Parameter | Result | RL/PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Extraction for 525.3 | Completed |  |  |  |  |  |  |  |  |  |

Semivolatile Organic

Fluridone | 0.51 | 0.29 | 1 | ug/L |  |  |  | 11/17/17 | MH | E525.3 |

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene | 96 | 1 | % | NA | NA | NA | 11/17/17 | MH | 70 - 130 %
% benzo(a)pyrene-d12 | 98 | 1 | % | NA | NA | NA | 11/17/17 | MH | 70 - 130 %
% Triphenylphosphate | 100 | 1 | % | NA | NA | NA | 11/17/17 | MH | 70 - 130 %
<table>
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<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 (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.

525 Analysis:
Chlorine was present; Sample was de-chlorinated prior to extraction/analysis. (EPA requires dechlorination at time of sampling.) A sample bias can not be ruled out.

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

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**Phyllis Shiller, Laboratory Director**

**November 20, 2017**

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 20, 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: GBZ42518
- Phoenix ID: BZ42519

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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<td>O/Q</td>
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Semivolatile Organic

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<th>Units</th>
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<td>0.47</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td>11/17/17</td>
<td>MH</td>
<td>E525.3</td>
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QA/QC Surrogates

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<th>Units</th>
<th>Date/Time</th>
<th>By</th>
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<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>81</td>
<td>1</td>
<td>%</td>
<td>11/17/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>87</td>
<td>1</td>
<td>%</td>
<td>11/17/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>82</td>
<td>1</td>
<td>%</td>
<td>11/17/17</td>
<td>MH</td>
<td>70 - 130 %</td>
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<tr>
<td>Parameter</td>
<td>Result</td>
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<td>DIL</td>
<td>Units</td>
<td>AL</td>
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<tr>
<td>RL/PQL=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>
</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.

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Phyllis Shiller, Laboratory Director
November 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 20, 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.:

Project ID: CROTON RIVER
Client ID: DW1-A

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

Laboratory Data
SDG ID: GBZ42518
Phoenix ID: BZ42520

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<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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</thead>
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<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
<td>Semivolatile Organic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Fluoridine</td>
<td>0.96</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>E525.3</td>
</tr>
<tr>
<td>QA/QC Surrogates</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>77</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/19/17</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>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
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<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/19/17</td>
<td>MH</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.

525 Analysis:
Chlorine was present; Sample was de-chlorinated prior to extraction/analysis. (EPA requires dechlorination at time of sampling.) A sample bias can not be ruled out.

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Analysis Report
November 20, 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
11/15/17
11/15/17

Time
12:43
17:00

Laboratory Data
SDG ID: GBZ42518
Phoenix ID: BZ42521

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

Semivolatile Organic
Fluridone | 0.89 | 0.29 | 1 | ug/L | | | | 11/19/17 | MH | E525.3 |

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene | 78 | | 1 | % | NA | NA | NA | 11/19/17 | MH | 70 - 130 % |
% benzo(a)pyrene-d12 | 88 | | 1 | % | NA | NA | NA | 11/19/17 | MH | 70 - 130 % |
% Triphenylphosphate | 86 | | 1 | % | NA | NA | NA | 11/19/17 | MH | 70 - 130 % |
**Comments:**

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


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

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**Phyllis Shiller, Laboratory Director**

**November 20, 2017**

**Reviewed and Released by: Bobbi Aloisa, Vice President**
Analysis Report
November 20, 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: see "By" below
Received by: LB
Analyzed by: 11/15/17 12:55

Laboratory Data
SDG ID: GBZ42518
Phoenix ID: BZ42522

Project ID: CROTON RIVER
Client ID: DW3-A

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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
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<td>11/20/17</td>
<td>H/H</td>
<td>E525.3</td>
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</tbody>
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Semivolatile Organic
Fluridone
0.35
0.29
1
ug/L
11/20/17
MH
E525.3
1

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene
76
1
%
NA
NA
NA
11/20/17
MH
70 - 130 %

% benzo(a)pyrene-d12
86
1
%
NA
NA
NA
11/20/17
MH
70 - 130 %

% Triphenylphosphate
87
1
%
NA
NA
NA
11/20/17
MH
70 - 130 %
<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>
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</thead>
<tbody>
<tr>
<td>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.</td>
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<tr>
<td>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.</td>
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<tr>
<td>525 Analysis: Chlorine was present; Sample was de-chlorinated prior to extraction/analysis. (EPA requires dechlorination at time of sampling.) A sample bias can not be ruled out.</td>
<td></td>
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Phyllis Shiller, Laboratory Director
November 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 20, 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: GBZ42518
Phoenix ID: BZ42523

Client ID: DW3-B
Project ID: CROTON RIVER

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<th>MCLG</th>
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<th>Reference</th>
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<td></td>
<td></td>
<td>11/17/17</td>
<td>H/H</td>
<td>E525.3</td>
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Semivolatile Organic

Fluridone
0.34 0.29 1 ug/L 11/19/17 MH E525.3

QA/QC Surrogates

% 1,3-Dimethyl-2-nitrobenzene
80 1 % NA NA NA 11/19/17 MH 70 - 130 %

% benzo(a)pyrene-d12
91 1 % NA NA NA 11/19/17 MH 70 - 130 %

% Triphenylphosphate
87 1 % NA NA NA 11/19/17 MH 70 - 130 %
### Comments:

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


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

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Analysis Report
November 20, 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: GBZ42518
Phoenix ID: BZ42524

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<th>By</th>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>81</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>88</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
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</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.


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Analysis Report  
November 20, 2017

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

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

Custody Information  
Collected by:  
Received by:  LB  11/15/17  17:00
Analyzed by:  see "By" below  

Laboratory Data  
SDG ID: GBZ42518
Phoenix ID: BZ42525

<table>
<thead>
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<th>Parameter</th>
<th>Result</th>
<th>RL/ PQL</th>
<th>DIL</th>
<th>Units</th>
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<th>MCL</th>
<th>MCLG</th>
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<td>E525.3</td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
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<td>70 - 130 %</td>
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<tr>
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<tr>
<td>% Triphenyl phosphate</td>
<td>89</td>
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<td>NA</td>
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<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
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</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.


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---

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

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---

Phyllis Shiller, Laboratory Director  
November 20, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
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<th>Parameter</th>
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<th>RPD</th>
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<td>99</td>
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<tr>
<td>% Triphenylphosphate</td>
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

**QA/QC Report**

November 20, 2017

**QA/QC Data**

**SDG I.D.: GBZ42518**

**Fluridone**

- **1,3-Dimethyl-2-nitrobenzene**
- **% benzo(a)pyrene-d12**
- **% Triphenylphosphate**

**Semivolatile Organic Compounds - Drinking Water**

**Tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.
### Sample Criteria Exceedances Report

**GBZ42518 - SOLITUDE**

<table>
<thead>
<tr>
<th>SampNo</th>
<th>Acode</th>
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<th>Criteria</th>
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</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 4.1°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) 645-826

---

**Customer:** SLM  
Address: 310 E. Washington Ave. Suite C  
Washington, NJ 07622

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

---

**Client Sample - Information - Identification**

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Customer Sample Identification</th>
<th>Sample Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
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**Relinquished by:**  
**Accepted by:**  
**Date:** 11-15-17  
**Time:** 3:00

---

**Comments, Special Requirements or Regulations:**

---

**NY**

- TOGS GW
- CP-51 SOIL
- 375SC0 Unrestricted Soil
- 375SC0 Residential Soil
- 375SC0 Residential
- 375SC0 Commercial Soil
- 375SC0 Industrial Soil
- Subpart 5 DW

**NJ**

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

**Comments on the samples collected:**

---

**Data Format**

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

**Data Package**

- N-, Reduced Deliv. *
- NY Enhanced (ASP B) *
Monday, November 20, 2017

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

Project ID: CROTON RIVER
Sample ID#:s: BZ42526 - BZ42529

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,

[Signature]
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
November 20, 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.#: 

Laboratory Data
SDG ID: GBZ42526
Phoenix ID: BZ42526

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<tr>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>83</td>
<td>1</td>
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<td>70 - 130 %</td>
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<td>%</td>
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<td>NA</td>
<td></td>
<td>11/19/17</td>
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<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>92</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
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</table>
Parameter Result PQL DIL Units AL MCL MCLG Date/Time By Reference

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Phyllis Shiller, Laboratory Director
November 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 20, 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: GBZ42526
Phoenix ID: BZ42527

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<tr>
<td>% benzo(a)pyrene-d12</td>
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Phyllis Shiller, Laboratory Director

November 20, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report  
November 20, 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  
Received by: see "By" below

Laboratory Data  
SDG ID: GBZ42526  
Phoenix ID: BZ42528

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<td>NA</td>
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<td>70 - 130 %</td>
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<td>% benzo(a)pyrene-d12</td>
<td>87</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>88</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td>11/19/17</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.
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Phyllis Shiller, Laboratory Director
November 20, 2017
Reviewed and Released by: Bobbi Aloisa, Vice President
Analysis Report
November 20, 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: GBZ42526
Phoenix ID: BZ42529

Project ID: CROTON RIVER
Client ID: HF-1

Parameter Result

<table>
<thead>
<tr>
<th>Parameter</th>
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<th>DIL</th>
<th>Units</th>
<th>AL</th>
<th>MCL</th>
<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<td></td>
<td></td>
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<tr>
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<td>0.29</td>
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<td>ug/L</td>
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<tr>
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<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>93</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>11/19/17</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>11/19/17</td>
<td>MH</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>Parameter</td>
<td>Result</td>
<td>PQL</td>
<td>DIL</td>
<td>Units</td>
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<td>MCL</td>
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<td>Date/Time</td>
<td>By Reference</td>
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</tr>
</tbody>
</table>

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Phyllis Shiller, Laboratory Director

November 20, 2017

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

**Parameter**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Blank</th>
<th>Blk RL</th>
<th>LCS %</th>
<th>LCSD %</th>
<th>LCS RPD</th>
<th>MS %</th>
<th>MSD %</th>
<th>MS RPD</th>
<th>% Rec Limits</th>
<th>% RPD Limits</th>
</tr>
</thead>
</table>

| QA/QC Batch 410064 (ug/L), QC Sample No: BZ42520 (BZ42526, BZ42527, BZ42528, BZ42529) |
| Semivolatile Organic Compounds - Drinking Water |

### Fluridone
- ND 0.30
- LCS: 95, LCSD: 90, LCS RPD: 102%

### % 1,3-Dimethyl-2-nitrobenzene
- 71%
- LCS: 77, LCSD: 76, LCS RPD: 77%
- Rec: 1.3%
- Limits: 70 - 130%

### % benzo(a)pyrene-d12
- 79%
- LCS: 83, LCSD: 81, LCS RPD: 85%
- Rec: 4.8%
- Limits: 70 - 130%

### % Triphenylphosphate
- 80%
- LCS: 86, LCSD: 82, LCS RPD: 86%
- Rec: 4.8%
- Limits: 70 - 130%

**Comment:**

Tap water, collected and dechlorinated in sample containers, was used as the MS and MSD.

---

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

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

---

*Phyllis Shiller, Laboratory Director*

November 20, 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.
Analysis Comments
November 20, 2017

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 4.1°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 06040

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

Client Services (860) 645-8726

**Customer:** SLM  
**Address:** 310 E. Washington Ave. Suite C  
**Winston V. 587842**

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

---

### Client Sample - Information - Identification

<table>
<thead>
<tr>
<th>Sample #</th>
<th>Identification</th>
<th>Sample Matrix</th>
<th>Date Sampled</th>
<th>Time Sampled</th>
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</thead>
<tbody>
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<td>UWH-1</td>
<td>DW</td>
<td>11/15/17</td>
<td>12:04 X</td>
</tr>
<tr>
<td>125305</td>
<td>MR-1</td>
<td></td>
<td></td>
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<tr>
<td>125306</td>
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<td>125307</td>
<td>HE-1</td>
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<td>11/17</td>
<td>X</td>
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</tbody>
</table>

---

### Analysis Request

- **Fluridone SW**

---

### Relinquished by: T. Cast  
**Accepted by:** T. K.  
**Date:** 11-15-17  
**Time:** 3:00

---

## Comments, Special Requirements or Regulations:

---

### What State were samples collected?

---

### Data Format

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

### Data Package

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

---

*SURCHARGE APPLIES*