Analysis Report  
August 12, 2021

**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>
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</table>

**Custody Information**

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>08/10/21</td>
<td>9:45</td>
</tr>
<tr>
<td>08/10/21</td>
<td>16:20</td>
</tr>
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</table>

**Laboratory Data**

<table>
<thead>
<tr>
<th>SDG ID:</th>
<th>GCI94343</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phoenix ID:</td>
<td>CI94343</td>
</tr>
</tbody>
</table>

**Project ID:**  CROTON RIVER  
**Client ID:**  FW-1A

<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 (Fluridone)</td>
<td>Completed</td>
<td></td>
<td></td>
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<td></td>
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<td>08/11/21</td>
<td>G/G</td>
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**Semivolatile Organic**

<table>
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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>
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</thead>
<tbody>
<tr>
<td>Fluridone</td>
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<td>0.29</td>
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<td>HM</td>
<td>E525.3</td>
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**QA/QC Surrogates**

<table>
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<tr>
<th>Percentage</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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</thead>
<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>72</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>103</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
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<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
</tbody>
</table>

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Phyllis Shiller, Laboratory Director  
August 12, 2021  
Official Report Release To Follow
Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

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

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

Custody Information
Collected by: 
Received by: CP
Analyzed by: see “By” below

Date Time
08/10/21 9:45
08/10/21 16:20

SDG ID: GCI94343
Phoenix ID: CI94344

Laboratory Data

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<th>MCLG</th>
<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>Extraction for 525.3 (Fluridone)</td>
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<td>G/G</td>
<td>E525.3</td>
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<tr>
<td>Semivolatile Organic</td>
<td></td>
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</tr>
<tr>
<td>Fluridone</td>
<td>0.45</td>
<td>0.29</td>
<td>1</td>
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<td>08/12/21</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>
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<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>79</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
<td>100</td>
<td>1</td>
<td>%</td>
<td>NA</td>
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<tr>
<td>% Triphenylphosphate</td>
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<td>%</td>
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<td>NA</td>
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<td>HM</td>
<td>70 - 130 %</td>
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</tr>
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Phyllis Shiller, Laboratory Director
August 12, 2021
Official Report Release To Follow
Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
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: CP
Analyzed by: see "By" below

Date Time
08/10/21 10:05
08/10/21 16:20

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94345

Project ID: CROTON RIVER
Client ID: DW-1A

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

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<th>Result</th>
<th>RL/ 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>
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<tbody>
<tr>
<td>Extraction for 525.3 (Fluridone)</td>
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<td></td>
<td>E525.3</td>
</tr>
<tr>
<td>Semivolatile Organic</td>
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<tr>
<td>Fluridone</td>
<td>0.37</td>
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<td></td>
<td>08/12/21</td>
<td>HM</td>
<td>E525.3</td>
</tr>
<tr>
<td>QA/QC Surrogates</td>
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<td></td>
<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>83</td>
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<td>%</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM 70 - 130 %</td>
<td></td>
<td></td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>98</td>
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<td>%</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM 70 - 130 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>101</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM 70 - 130 %</td>
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<td></td>
</tr>
</tbody>
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Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
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: CP
Analyzed by: see "By" below

Date Time
08/10/21 10:05
08/10/21 16:20

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94346

Project ID: CROTON RIVER
Client ID: DW-1B

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<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>Extraction for 525.3 (Fluridone)</td>
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<td>E525.3</td>
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<tr>
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<td>HM</td>
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<tr>
<td>QA/QC Surrogates</td>
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<td></td>
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<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>92</td>
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<td>%</td>
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<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
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<td>%</td>
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<td>HM</td>
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<tr>
<td>% Triphenylphosphate</td>
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<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
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<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
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</table>

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August 12, 2021
Official Report Release To Follow
Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
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: CP
Analyzed by: see "By" below

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94347

<table>
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<th>Date/Time</th>
<th>By</th>
<th>Reference</th>
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<tbody>
<tr>
<td>Extraction for 525.3 (Fluridone)</td>
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<tr>
<td>Semivolatile Organic</td>
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<td></td>
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<tr>
<td>Fluridone</td>
<td>0.79</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td>08/12/21</td>
<td>HM</td>
<td>E525.3</td>
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<td></td>
</tr>
</tbody>
</table>

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene | 73 | 1 | % | NA | NA | NA | 08/12/21 | HM | 70 - 130 % |
% benzo(a)pyrene-d12 | 105 | 1 | % | NA | NA | NA | 08/12/21 | HM | 70 - 130 % |
% Triphenylphosphate | 106 | 1 | % | NA | NA | NA | 08/12/21 | HM | 70 - 130 % |

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August 12, 2021

FOR: Attn: Vicky Thiel
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: CP 
Analyzed by: see "By" below

Date | Time
---|---
08/10/21 | 10:10
08/10/21 | 16:20

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94348

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<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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<tbody>
<tr>
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<td>Completed</td>
<td></td>
<td></td>
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<td></td>
<td>08/11/21</td>
<td>G/G</td>
<td>E525.3</td>
</tr>
<tr>
<td>Semivolatile Organic</td>
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</tr>
<tr>
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<td></td>
<td>08/12/21</td>
<td>HM</td>
<td>E525.3</td>
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<table>
<thead>
<tr>
<th>QA/QC Surrogates</th>
<th></th>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>79</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% benzo(a)pyrene-d12</td>
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<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>103</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>08/12/21</td>
<td>HM</td>
<td>70 - 130 %</td>
<td></td>
</tr>
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</table>

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Comments:
If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
August 12, 2021
Official Report Release To Follow
Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
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: CP
Anaalyzed by: see "By" below

Date Time
08/10/21 9:50
08/10/21 16:20

Laboratory Data
SDG ID: GI94343
Phoenix ID: CI94349

Project ID: CROTON RIVER
Client ID: DW-4A

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

Extraction for 525.3 (Fluridone) Completed 08/11/21 G/G E525.3

Semivolatile Organic

Fluridone ND 0.29 1 ug/L 08/12/21 HM E525.3 1

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 86 1 % NA NA NA 08/12/21 HM 70 - 130 %
% benzo(a)pyrene-d12 106 1 % NA NA NA 08/12/21 HM 70 - 130 %
% Triphenylphosphate 104 1 % NA NA NA 08/12/21 HM 70 - 130 %

1 = This parameter is not certified by the primary accrediting authority (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

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Phyllis Shiller, Laboratory Director
August 12, 2021
Official Report Release To Follow
Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

Sample Information
Matrix: DRINKING WATER
Location Code: SOLITUDE
Rush Request: 72 Hour

Custody Information
Collected by: 
Received by: CP
Analyzed by: see “By” below

Date Time
08/10/21 9:50
08/10/21 16:20

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94350

Project ID: CROTON RIVER
Client ID: DW-4B

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

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<th>Date/Time</th>
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<td>70 - 130 %</td>
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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
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Phyllis Shiller, Laboratory Director
August 12, 2021
Official Report Release To Follow
Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

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

Custody Information
Collected by: 
Received by: CP
Analyzed by: see “By” below

Date Time
08/10/21 12:30
08/10/21 16:20

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94359

Project ID: CROTON RIVER
Client ID: MB

Parameter Result PQL Units Dilution Date/Time By Reference

Extraction for 525.3 (Fluridone) Completed 08/11/21 G/G E525.3

Semivolatile Organic
Fluridone ND 0.29 ug/L 1 08/12/21 HM E525.3 1

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene 96 % 1 08/12/21 HM 70 - 130 %
% benzo(a)pyrene-d12 97 % 1 08/12/21 HM 70 - 130 %
% Triphenylphosphate 111 % 1 08/12/21 HM 70 - 130 %

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
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.

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Phyllis Shiller, Laboratory Director
August 12, 2021
Official Report Release To Follow
Phyllis Shiller, Laboratory Director
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
August 12, 2021

FOR: Attn: Vicky Thiel
Solitude Lake Management
310 East Washington Ave
Washington NJ 07882

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

Custody Information
Collected by:
Received by: CP

Date Time
08/10/21 12:00
08/10/21 16:20

Rush Request: 72 Hour

Laboratory Data
SDG ID: GCI94343
Phoenix ID: CI94360

Project ID: CROTON RIVER
Client ID: UNIT

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Phyllis Shiller, Laboratory Director
August 12, 2021
Official Report Release To Follow
Sample Criteria Exceedances Report
GCI94343 - SOLITUDE

Thursday, August 12, 2021

Criteria: NY: DW
State: NY

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<th>Criteria</th>
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance 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.
**NY/NJ/PA CHAIN OF CUSTODY RECORD**

### Customer Information
- **Name:** Solitude Lake Management
- **Address:** 310 E. Washington Ave, Suite C
- **City:** Washington, NJ 07882

### Project Details
- **Project:** Croton River
- **Report to:** Viccy Thiel
- **Invoice to:** KM

### Analysis Request
- **Sample:** Plunkett 5255

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

### Sample Information
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### Reimbursement
- **Received by:** [Signature]
- **Accepted by:** [Signature]

### Comments, Special Requirements or Regulations:

### Data Format:
- Phoenix Std Report
- Excel
- PDF
- GIS/Key

### Data Package:
- NJ Reduced Deliv.
- NY Enhanced (ASP B)

### Contact Options:
- **Phone:** 908-850-0303
- **Fax:**
- **Email:** vthiel@soluteak.com

### State Samples Collected?
- [ ] Yes
- [ ] No