Analysis Report
July 23, 2021
FOR: Attn: Ms. Emily Mayer
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: GCI77910
- Phoenix ID: CI77910

<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>
<td></td>
<td></td>
<td></td>
<td></td>
<td>07/21/21</td>
<td></td>
<td>G/G E525.3</td>
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<tr>
<td><strong>Semivolatile Organic</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fluridone</td>
<td>ND</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
<td></td>
<td></td>
<td>07/22/21</td>
<td></td>
<td>MH E525.3</td>
</tr>
<tr>
<td><strong>QA/QC Surrogates</strong></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>84</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>07/22/21</td>
<td></td>
<td>MH 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>07/22/21</td>
<td></td>
<td>MH 70 - 130 %</td>
</tr>
<tr>
<td>% Triphenylphosphate</td>
<td>100</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td></td>
<td>07/22/21</td>
<td></td>
<td>MH 70 - 130 %</td>
</tr>
</tbody>
</table>
### Comments:

525 Analysis:

pH was outside the acceptable buffered range. (EPA requires pH preservation at time of sampling.) A sample bias can not be ruled out.

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.

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Phyllis Shiller, Laboratory Director

July 23, 2021

Official Report Release To Follow
Analysis Report
July 23, 2021

FOR: Attn: Ms. Emily Mayer
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: GCI77910
Phoenix ID: CI77911

Project ID: CROTON RIVER
Client ID: DW-3A

Parameter | Result | RL/ PQL | DIL | Units | AL | MCL | MCLG | Date/Time | By | Reference
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- | ---
Extraction for 525.3 (Fluridone) | Completed | | | | | | | 07/21/21 | G/G | E525.3

Semivolatile Organic
Fluridone | 0.35 | 0.29 | 1 | ug/L | | | | 07/22/21 | MH | E525.3 | 1

QA/QC Surrogates
% 1,3-Dimethyl-2-nitrobenzene | 80 | 1 | % | NA | NA | NA | 07/22/21 | MH | 70 - 130 %
% benzo(a)pyrene-d12 | 97 | 1 | % | NA | NA | NA | 07/22/21 | MH | 70 - 130 %
% Triphenylphosphate | 100 | 1 | % | NA | NA | NA | 07/22/21 | MH | 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.

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:
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Phyllis Shiller, Laboratory Director
July 23, 2021
Official Report Release To Follow
Analysis Report
July 23, 2021

FOR: Attn: Ms. Emily Mayer
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

SDG ID: GCI77910
Phoenix ID: CI77912

Laboratory Data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Result</th>
<th>RL/PQL</th>
<th>DIL</th>
<th>Units</th>
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Semivolatile Organic

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<td>ND</td>
<td>0.29</td>
<td>1</td>
<td>ug/L</td>
<td></td>
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</tr>
<tr>
<td>% 1,3-Dimethyl-2-nitrobenzene</td>
<td>90</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>07/22/21</td>
<td>MH</td>
<td>70 - 130 %</td>
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<tr>
<td>% benzo(a)pyrene-d12</td>
<td>95</td>
<td>1</td>
<td>%</td>
<td>NA</td>
<td>NA</td>
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<td>NA</td>
<td>07/22/21</td>
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Phyllis Shiller, Laboratory Director
July 23, 2021
Official Report Release To Follow
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

### Company Information

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

### Project Information

- **Customer:** Solitude Lake Management
- **Address:** 30 E. Washington Ave Suite C, Washington, NJ 07882
- **Project:** Croton River
- **Report to:** Emily Mayer
- **Invoice to:** Krista Ny
- **Project P.O.:**

### Sample Information

- **Sample Code:**
  - DW
  - GW
  - SW
  - WW
  - RE

- **Matrix Code:**
  - Drinking Water
  - Ground Water
  - Surface Water
  - Waste Water
  - Raw Water
  - Sediment
  - Soil
  - Solid
  - Wipe
  - Oil

- **Sample Information:**
  - **Sample #**: DW-1A, DW-2A, SW-1, WW-1, RE-1, EL-1
  - **Matrix**: DW, SW
  - **Sample Date**: 7/9/21
  - **Sampled By**: Victor L. Thiel
  - **Sampled At**: 12:00 PM

### Analysis Request

- **Analysis Request**: Turbidity 525.2
- **Sampled By**: Victor L. Thiel
- **Date**: 7/9/21

### Comments, Special Requirements or Regulations

- **Data Format:**
  - Excel
  - PDF
  - GIS/Key
  - Other

- **Data Package:**
  - NJ Reduced Delivery*
  - Other
  - NY Enhanced (ASP B)*

- **Res. Criteria**
  - Non-Res. Criteria
  - Impact to GW Soil Cleanup Criteria
  - Impact to GW Soil Screen Criteria
  - GW Criteria

### Contact Options

- **Phone:** 908-650-0303
- **Fax:**
- **Email:** emayer@solitudelake.com

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### Additional Information

- **Coolant:** Yes
- **Temp:** 72°C
- **Run Time:** 2 hrs
- **Run Date:** 7/13/21
- **Run No.:** 12
- **Run Time:** 12:00 PM
- **Run Date:** 7/13/21
- **Run No.:** 12

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**State Samples Collected?**

- **NY**