Analytical Report For
Abandoned Mine Reclamation

Sample ID: 7135 007  Date Collected: 06/06/2018 09:30:00 AM  Lab Sample ID: O2018003630  Status: Completed

Name of Sample Collector: Joseph S Kasulaitis
Date Received: 06/07/2018
County: Berks
Municipality: Windsor Twp
MP ID: SOIL1 158476
MP Type: Impoundment
MP Location Description: Soil from Point 1

<table>
<thead>
<tr>
<th>Alias ID</th>
<th>Project / Facility</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOIL1</td>
<td>KERNSVILLE</td>
</tr>
</tbody>
</table>

Sample Medium: Soil
Sample Medium Type: Soil
Location: NOT INDICATED
Reason: Routine Sampling
Project: KERNSVILLE Kernsville Dam
Suite: PCBSW
Matrix: Soil

Stream Condition:

Sample Comment: Schuylkill River

Sample Lab Comment: This sample appeared to contain multiple PCB Aroclor mixtures. When more than one Aroclor mixture is present, the contribution of a single peak to different Aroclors cannot be accurately determined. Because of this, please be aware that the Total PCBs present in the sample may actually be less than the sum of the individual Aroclor results.
### Analytical Report For
### Abandoned Mine Reclamation

<table>
<thead>
<tr>
<th>Test Codes / CAS # - Description</th>
<th>Reported Results</th>
<th>Date And Time Analyzed</th>
<th>Approved by</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>12674112 Arochlor 1016</td>
<td>0.0500 mg/kg (U)</td>
<td>07/07/2018 02:00 AM</td>
<td>GSUAREZRIV</td>
<td>EPA 8082A</td>
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<tr>
<td>11104282 Arochlor 1221</td>
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<td>EPA 8082A</td>
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<tr>
<td>11141165 Arochlor 1232</td>
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<td>07/07/2018 02:00 AM</td>
<td>GSUAREZRIV</td>
<td>EPA 8082A</td>
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<tr>
<td>53469219 Arochlor 1242</td>
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<td>EPA 8082A</td>
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<tr>
<td>12672296 Arochlor 1248</td>
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<td>EPA 8082A</td>
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<tr>
<td>11097691 Arochlor 1254</td>
<td>0.0706 mg/kg</td>
<td>07/07/2018 02:00 AM</td>
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<tr>
<td>11096825 Arochlor 1260</td>
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<tr>
<td>EXTRACTED DATE</td>
<td></td>
<td>07/07/2018 02:00 AM</td>
<td>GSUAREZRIV</td>
<td>EPA 8082A</td>
</tr>
</tbody>
</table>

### Notes:
- The results of the analyses provided in this laboratory report relate only to the sample(s) identified therein. Unless otherwise noted, the results presented on this laboratory report meet all requirements of the 2009 TNI standard. Sample was in acceptable condition when received by the Laboratory. Any exceptions are noted in the report.
- * denotes tests that the laboratory is not accredited for.

Taru Upadhyay, Technical Director, Bureau of Laboratories

### ORGANICS LABORATORY QUALIFIERS

- **U** - Indicates analysis was performed for the compound but it was not detected. The sample quantitation limit is reported.
- **J** - Indicates an estimated value, below the quantitation limit, but above the method detection limit.
- **N** - Indicates presumptive evidence of a compound.
- **B** - This flag is used when the analyte is found in the associated blank as well as in the sample.
- **E** - This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- **P** - This flag is used with a target analyte when there is greater than a 40% difference between the results obtained from the primary and confirmation columns for dual column analysis methods (e.g. pesticides, triazines, PCBs, etc)
- **Q** - This flag identifies the average of multiple results from multiple analyses, or the average of the averages of dual column analysis methods.
- **X** - Non-target analytes co-elute with compound. Identification unable to be confirmed.