



Date of Issue: 07/18/2018 04:08:28

DEP Bureau of Laboratories - Harrisburg
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NELAP - accredited by

NJ DEP - Laboratory Number: PA059
PA DEP LAP - DEP Lab ID: 22-00223

Analytical Report For
Abandoned Mine Reclamation

Sample ID: 7135 009

Date Collected: 06/06/2018 10:05:00 AM

Lab Sample ID: O2018003632

Status: Completed

Name of Sample Collector: Joseph S Kasulaitis

Date Received: 06/07/2018

County: Berks

State:

Municipality: Windsor Twp

MP ID: SOIL3 158474

MP Type: Impoundment

MP Location Description: Soil from Point 3

* Alias ID	Project / Facility
SOIL3	KERNSVILLE

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. Surrogate recovery low. Results and/or reporting limits may be biased low.

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Abandoned Mine Reclamation

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Status: Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
12674112 Arochlor 1016	0.0499 mg/kg (U)	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
11104282 Arochlor 1221	0.0499 mg/kg (U)	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
11141165 Arochlor 1232	0.0499 mg/kg (U)	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
53469219 Arochlor 1242	0.0499 mg/kg (U)	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
12672296 Arochlor 1248	0.0500 mg/kg	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
11097691 Arochlor 1254	0.0499 mg/kg (U)	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
11096825 Arochlor 1260	0.0572 mg/kg	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A
EXTRACTED DATE	06132018 Day	07/07/2018 02:00 AM	GSUAREZRIV	EPA 8082A

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.