



Date of Issue: 07/13/2018 04:02:15

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: O2018003626

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: PSTSW

Matrix: Soil

Stream Condition:

Sample Comment: Schuylkill River

Sample Lab Comment: Surrogate recovery low. Results and/or reporting limits may be biased low.

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
72548 4,4'-DDD	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
72559 4,4'-DDE	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
50293 4,4'-DDT	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
15972608 Alachlor	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
309002 Aldrin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
319846 alpha-BHC	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
5103719 alpha-Chlordane	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
319857 beta-BHC	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
2675776 Chlornob	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
510156 Chlorobenzilate	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
1897456 Chlorothalonil	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
54774457 cis-Permethrin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
21725462 Cyanazine	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
1861321 DCPA	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
319868 delta-BHC	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
60571 Dieldrin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
2921882 Dursban	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
959988 Endosulfan I	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
33213659 Endosulfan II	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
1031078 Endosulfan Sulfate	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
72208 Endrin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
7421934 Endrin Aldehyde	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
53494705 Endrin Ketone	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
2593159 Etridiazole	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
EXTRACTED DATE	06132018 Day	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
5103742 gamma-Chlordane	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
76448 Heptachlor	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
1024573 Heptachlor Epoxide	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
118741 Hexachlorobenzene	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
77474 Hexachlorocyclopentadiene	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
58899 Lindane	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
72435 Methoxychlor	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
51218452 Metolachlor	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
21087649 Metribuzin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
1918167 Propachlor	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B
51877748 trans-Permethrin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B

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Status: Completed

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1582098 Trifluralin	10 UG/KG (U)	07/11/2018 02:00 AM	MESPECHT	EPA 8081B

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.