



**Date of Issue:** 09/27/2019 04:08:48

**DEP Bureau of Laboratories - Harrisburg**  
P.O. Box 1467  
2575 Interstate Drive  
Harrisburg, PA 17105-1467

**Contact Phone Number: (717) 346-7200**

**NELAP - accredited by**

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

**Analytical Report For  
Environmental Cleanup**

**Sample ID:** 0128 020

**Date Collected:** 08/30/2019

**Lab Sample ID:** O2019006983

**Status:** Completed

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**Name of Sample Collector:** Dennis J Low

**Date Received:** 09/03/2019

**County:** York

**State:**

**Municipality:** Newberry Twp  
465 HEMLOCK  
ETTERS PA.

**Sample Medium:** Ground Water

**Sample Medium Type:** Water

**Location:** NOT INDICATED

**Reason:** Routine Sampling

**Project:** NOT INDICATED

**Suite:** PFAS1

**Matrix:** Water

**Stream Condition:**

**Sample Standard Comment:** This is a revised report

**Sample Lab Comment:** INCORRECT CONTAINER USED At the time of analysis, the Bureau of Laboratories was NELAP accredited by the PADEP Laboratory Accreditation Program, and in "applied" status with NJDEP Office of Quality Assurance.

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
763051929 11CI-PF3OUdS	3.4 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
756426581 9CI-PF3ONS	3.3 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
919005144 ADONA	3.4 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
EXTRACTED DATE	09092019 Day	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
13252136 HFPO-DA	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
2991506 nEtFOSAA	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
2355319 nMeFOSAA	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
375735 Perfluorobutanesulfonic acid	3.2 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
335762 Perfluorodecanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
307551 Perfluorododecanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
375859 Perfluoroheptanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
355464 Perfluorohexanesulfonic acid	3.3 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
307244 Perfluorohexanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
375951 Perfluorononanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
1763231 Perfluorooctanesulfonic acid	3.3 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
335671 Perfluorooctanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
376067 Perfluorotetradecanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
72629948 Perfluorotridecanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1
2058948 Perfluoroundecanoic acid	3.6 ng/L (U)	09/17/2019 02:30 PM	CHPRETTNER	EPA 537.1

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

U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

Taru Upadhyay, Technical Director, Bureau of Laboratories

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ORGANICS LABORATORY QUALIFIERS  
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U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.

J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).

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.