Date of Issue: 11/24/2020 04:03:50

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
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Harrisburg, PA 17105-1467

Contact Phone Number: (717) 346-7200

Analytical Report For
Environmental Cleanup

Sample ID: 0128 004   **Date Collected:** 11/04/2020 12:00:00 PM   **Lab Sample ID:** O2020006083   **Status:** Completed

Name of Sample Collector: Dennis J Low

Date Received: 11/05/2020

County: NOT INDICATED   **State:**

Municipality: NOT INDICATED

Location: NOT INDICATED

Reason: Routine Sampling   Field Blank

Project: NOT INDICATED

Suite: PFAS2

Matrix: Water

Stream Condition:

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
763051929 11Cl-PF3OUdS	3.8 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
756426581 9Cl-PF3ONS	3.8 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
919005144 ADONA	3.8 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
EXTRACTED DATE	11062020 Day	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
13252136 HFPO-DA	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
2991506 nEtFOSAA	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
2355319 nMeFOSAA	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
375735 Perfluorobutanesulfonic acid	3.6 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1

Analytical Report For
Environmental Cleanup

Sample ID: 0128 004   **Date Collected:** 11/04/2020 12:00:00 PM   **Lab Sample ID:** O2020006083   **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
335762 Perfluorodecanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
307551 Perfluorododecanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
375859 Perfluoroheptanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
355464 Perfluorohexanesulfonic acid	3.7 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
307244 Perfluorohexanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
375951 Perfluorononanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
1763231 Perfluorooctanesulfonic acid	3.7 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
335671 Perfluorooctanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
376067 Perfluorotetradecanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
72629948 Perfluorotridecanoic acid	4.0 ng/L (U)	11/13/2020 09:39 PM	CHPRETTNER	EPA 537.1
2058948 Perfluoroundecanoic acid	4.0 ng/L (U)	11/13/2020 09:39 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 2016 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).

June Black, Technical Director, Bureau of Laboratories

ORGANICS LABORATORY QUALIFIERS

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.