



Date of Issue: 07/21/2021 04:07:22

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
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Contact Phone Number: (717) 346-7200

NELAP - accredited by

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

Analytical Report For
Environmental Cleanup

Sample ID: 0128 002

Date Collected: 06/16/2021 11:55:00 AM

Lab Sample ID: O2021004174

Status: Completed

Name of Sample Collector: Dennis J Low

Date Received: 06/17/2021

County: York

State:

Municipality: Fairview Twp

NEWBERRY TWP PFC

Sample Medium: Ground Water

Sample Medium Type: Water

Cycle Chem MW-4

Location: MW-4

Reason: Routine Sampling

Project: NOT INDICATED

Suite: PFAS1

Matrix: Water

Field Tests		
pH	6.60	pH units
Temperature	12.78	C
Dissolved Oxygen	2.65	mg/L
Specific Conductance	1213	umhos/cm

Stream Condition:

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Sample Comment: Split sample with Cycle Chem (ACV) at MW-4 for PFOS and VOCs as part of Newberry Twp PFC study.

Appearance: Clear

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
763051929 11CI-PF3OUdS	3.4 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
** Comment ** Lab accredited by PA LAP, parameter not offered by NJ NELAP				
756426581 9CI-PF3ONS	3.4 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
** Comment ** Lab accredited by PA LAP, parameter not offered by NJ NELAP				
919005144 ADONA	3.4 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
** Comment ** Lab accredited by PA LAP, parameter not offered by NJ NELAP				
EXTRACTED DATE	06242021 Day	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
13252136 HFPO-DA	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
** Comment ** Lab accredited by PA LAP, parameter not offered by NJ NELAP				
2991506 nEtFOSAA	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
** Comment ** Lab accredited by PA LAP, parameter not offered by NJ NELAP				
Internal standard recoveries high. Results may be biased low.				
2355319 nMeFOSAA	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
** Comment ** Lab accredited by PA LAP, parameter not offered by NJ NELAP				
Internal standard recoveries high. Results may be biased low.				
375735 Perfluorobutanesulfonic acid	17.8 ng/L	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
335762 Perfluorodecanoic acid	21.1 ng/L	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
307551 Perfluorododecanoic acid	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
375859 Perfluoroheptanoic acid	470.1 ng/L	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
355464 Perfluorohexanesulfonic acid	175.1 ng/L (Q)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
307244 Perfluorohexanoic acid	1569.6 ng/L	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
375951 Perfluorononanoic acid	30.2 ng/L	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
1763231 Perfluorooctanesulfonic acid	521.2 ng/L	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
335671 Perfluorooctanoic acid	81.7 ng/L (Q)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
376067 Perfluorotetradecanoic acid	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
72629948 Perfluorotridecanoic acid	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (EPA 537.1)
2058948 Perfluoroundecanoic acid	3.6 ng/L (U)	07/13/2021 05:10 PM	CHPRETTNER	BOL 6049 (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).

Dr. Pamela Higgins, 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.