Date of Issue: 01/17/2024 04:04:14

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

Contact Phone Number: (717) 346-7200

Analytical Report For
Environmental Cleanup

Sample ID: 2285 004	**Date Collected:** 11/16/2023 10:20:00 AM	**Lab Sample ID:** O2023002886	**Status:** Completed

Name of Sample Collector: Crystal Wolf

Date Received: 11/17/2023

County: Cumberland   **State:**

Municipality: Shippensburg Twp

MIDDLESPRING CREEK

FISH HATCHERY ROAD

SHIPPENSBURG PA.

Sample Medium: Water

Sample Medium Type: Water

Location: NOT INDICATED

Reason: Investigation

Project: NOT INDICATED

Suite: PFAS1

Matrix: Water

Stream Condition:

Sample Comment: Conodoguinet Creek/Middlespring Creek PFAS investigation. Sample taken at iron pipe.

Sample Lab Comment: QC test(s) out of specification. Sample data not affected

Appearance: Clear

Analytical Report For
Environmental Cleanup

Sample ID: 2285 004   **Date Collected:** 11/16/2023 10:20:00 AM   **Lab Sample ID:** O2023002886   **Status:** Completed

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
763051929 11Cl-PF3OUdS	3.5 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
756426581 9Cl-PF3ONS	3.5 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
919005144 ADONA	3.5 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
EXTRACTED DATE	11172023 Day	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
13252136 HFPO-DA	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2991506 nEtFOSAA	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2355319 nMeFOSAA	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375735 Perfluorobutanesulfonic acid	6.0 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
335762 Perfluorodecanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307551 Perfluorododecanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375859 Perfluoroheptanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
355464 Perfluorohexanesulfonic acid	7.3 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307244 Perfluorohexanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375951 Perfluorononanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
1763231 Perfluorooctanesulfonic acid	98.0 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
335671 Perfluorooctanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
376067 Perfluorotetradecanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
72629948 Perfluorotridecanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2058948 Perfluoroundecanoic acid	3.7 ng/L (U)	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022

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).

Jennifer Fesler, 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.