



**Date of Issue:** 01/17/2024 04:08:32

**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**

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

**Analytical Report For**  
**Environmental Cleanup**

**Sample ID:** 2285 009

**Date Collected:** 11/16/2023 12:00:00 PM

**Lab Sample ID:** O2023002891

**Status:** Completed

**Name of Sample Collector:** Crystal Wolf

**Date Received:** 11/17/2023

**County:** Cumberland

**State:**

**Municipality:** Shippensburg Twp

MCCLAYS MILL ROAD

MIDDLESRING CREEK

MIDDLE SPRING 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. Duplicate sample taken at public fishing area approximately 30 feet downstream of McClay's Mill Road bridge.

**Sample Lab Comment:** Internal standard recoveries high. Results may be biased low.QC test(s) out of specification. Sample data not affected

**Appearance:** Clear

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
763051929 11CI-PF3OUdS	129.4 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
756426581 9CI-PF3ONS	128.0 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
919005144 ADONA	127.3 ng/L	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	136.6 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2991506 nEtFOSAA	144.0 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2355319 nMeFOSAA	133.4 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375735 Perfluorobutanesulfonic acid	117.7 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
335762 Perfluorodecanoic acid	141.3 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307551 Perfluorododecanoic acid	145.0 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375859 Perfluoroheptanoic acid	140.0 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
355464 Perfluorohexanesulfonic acid	124.6 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307244 Perfluorohexanoic acid	141.3 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375951 Perfluorononanoic acid	143.6 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
1763231 Perfluorooctanesulfonic acid	122.3 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
335671 Perfluorooctanoic acid	139.4 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
376067 Perfluorotetradecanoic acid	148.8 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
72629948 Perfluorotridecanoic acid	142.3 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2058948 Perfluoroundecanoic acid	145.3 ng/L	11/30/2023 12:00 AM	SAGREER	BOL 6049 REV 6, 2022

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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.