Date of Issue: 06/12/2024 04:07:34

DEP Bureau of Laboratories - Harrisburg
P.O. Box 1467
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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 002 **Date Collected:** 05/15/2024 08:48:00 AM **Lab Sample ID:** O2024000961 **Status:** Completed

Name of Sample Collector: Crystal Wolf
Date Received: 05/16/2024

County: Cumberland **State:**
Municipality: Shippensburg Twp

MIDDLE SPRING CREEK

Sample Medium: Water
Sample Medium Type: Water

Location: Bridge at Bard Road - Middle Spring Creek
Reason: Investigation
Project: NOT INDICATED
Suite: PFAS1
Matrix: Water

Stream Condition:

Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
763051929 11Cl-PF3OUdS	3.3 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
756426581 9Cl-PF3ONS	3.2 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022

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Environmental Cleanup

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Test Codes / CAS # - Description	Reported Results	Date And Time Analyzed	Approved by	Test Method
919005144 ADONA	3.3 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
EXTRACTED DATE	05202024 Day	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
13252136 HFPO-DA	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2991506 nEtFOSAA	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2355319 nMeFOSAA	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375735 Perfluorobutanesulfonic acid	3.1 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
335762 Perfluorodecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307551 Perfluorododecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375859 Perfluoroheptanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
355464 Perfluorohexanesulfonic acid	3.4 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307244 Perfluorohexanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375951 Perfluorononanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
1763231 Perfluorooctanesulfonic acid	26.8 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
335671 Perfluorooctanoic acid	12.3 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
376067 Perfluorotetradecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
72629948 Perfluorotridecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
2058948 Perfluoroundecanoic acid	3.5 ng/L (U)	05/22/2024 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

Sample ID: 2285 002 **Date Collected:** 05/15/2024 08:48:00 AM **Lab Sample ID:** O2024000961 **Status:** Completed

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.