



Date of Issue: 06/12/2024 04:03:23

DEP Bureau of Laboratories - Harrisburg
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NELAP - accredited by

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

Analytical Report For
Environmental Cleanup

Sample ID: 2285 004

Date Collected: 05/15/2024 08:48:00 AM

Lab Sample ID: O2024000963

Status: Completed

Name of Sample Collector: Crystal Wolf

Date Received: 05/16/2024

County: Cumberland

State:

Municipality: Shippensburg Twp

MIDDLE SPRING CREEK

FISH HATCHERY ROAD

SHIPPENSBURG PA. 17257

Sample Medium: Water

Sample Medium Type: Water

Location: Iron pipedischarging into 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 11CI-PF3OUdS	3.3 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022

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Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
756426581 9CI-PF3ONS	3.3 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
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
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
2355319 nMeFOSAA	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
375735 Perfluorobutanesulfonic acid	13.6 ng/L	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
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
307551 Perfluorododecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
375859 Perfluoroheptanoic acid	10.0 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
355464 Perfluorohexanesulfonic acid	24.1 ng/L (Q)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
307244 Perfluorohexanoic acid	7.4 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
375951 Perfluorononanoic acid	4.6 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
1763231 Perfluorooctanesulfonic acid	446.8 ng/L	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
335671 Perfluorooctanoic acid	75.0 ng/L (Q)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
376067 Perfluorotetradecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
72629948 Perfluorotridecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022

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Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
2058948 Perfluoroundecanoic acid	3.5 ng/L (U)	05/22/2024 12:00 AM	SAGREER	BOL 6049 REV 6, 2022
Surrogate recovery low. Results and/or reporting limits may be biasedlow.				
<p>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.</p> <p>* denotes tests that the laboratory is not accredited for</p> <p>U - Indicates analysis was performed for the test but it was not detected. The sample quantitation limit is reported.</p> <p>J - Indicates an estimated value, reported between Reporting Limit (RL) and Minimum Detection Limit (MDL).</p> <p>Jennifer Fesler, Technical Director, Bureau of Laboratories</p>				

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.