Maine Department of Environmental Protection

PL 2021, ch. 641, Wastewater Effluent Monitoring for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) PFAS Sum of Six Report April 2023

Summary

This report represents the PFAS Sum of Six results for the PL 2021, ch. 641 Wastewater Effluent Monitoring project that have been entered into the Department of Environmental Protection (Department) Environmental and Geographic Analysis (EGAD)[1] database as of April 28, 2023.

The Sum of Six PFAS species are the six PFAS included in Maine's current state interim drinking water standard of 20 parts per trillion (ppt): perfluorooctanoic acid, perfluorooctane sulfonic acid, perfluorohexane sulfonic acid, perfluorononanoic acid, perfluoroheptanoic acid and perfluorodecanoic acid (abbreviated as PFOA, PFOS, PFHxS, PFNA, PFHpA, and PFDA).

Additional information on PFAS and wastewater treatment facilities can be found at this link:

Summary of Wastewater Effluent Monitoring Data for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)

The wastewater and groundwater data in this report was obtained as part of an ongoing Departmental study, pursuant to PL 2021, ch. 641, *Act to Prevent the Further Contamination of the Soils and Waters of the State with so-called Forever Chemicals* and is intended to reveal the qualitative and quantitative PFAS signatures of certain public and private (industrial and commercial) wastewater discharges throughout Maine.

Information on the Department's overall efforts related to PFAS can be found at this link:

https://www.maine.gov/dep/spills/topics/pfas/

Questions regarding this report should be directed to David Madore, Deputy Commissioner and Communication Director, David.Madore@maine.gov, 207-287-5842. You can also contact the Department directly by e-mail at: pfas.dep@maine.gov.

Wastewater PFAS Monitoring Project

In October 2022, the Department initiated a wastewater effluent monitoring project to require sampling for PFAS in wastewater effluent from certain licensed discharges. Sampling commenced at 105 publicly owned treatment works (POTWs) and 19 private facilities (select businesses and industries) as follows:

1. POTWs with surface water discharges subject to the Department's toxics monitoring program.
2. POTWs with biological treatment lagoons followed by spray irrigation to dedicated spray sites. These results include sampling data for both lagoon effluent and spray site groundwater monitoring wells.
3. Private facilities with surface water discharges.
4. Private facilities with biological treatment lagoons, or other treatment systems, followed by spray irrigation to dedicated spray sites or subsurface discharge. Results include sampling data for both effluent and groundwater monitoring wells.

The majority of facilities will be collecting effluent data monthly for ten months. Groundwater data will be collected at select facilities until groundwater is adequately characterized (generally four consecutive quarters). This report will be updated periodically as new data is collected.

April 2023 Report

This report includes Maine's PFAS Sum of Six data that have been entered into the Department's EGAD database. The report lists the facility name, MEPDES permit #, location where the sample was collected, the sample type (wastewater, groundwater, or lagoon effluent), PFAS Sum of Six reported in ng/L (parts per trillion-ppt), laboratory validation qualifiers[2], and average and median values for the samples reported to date.

Abbreviations and laboratory validation qualifiers used in this report include:

WW = Wastewater GW = Groundwater TF = Treatment Facility TP= Treatment Plant
WCPF = Water Pollution Control Facility
ND = Non-detected RL = Reporting Limit MDL = Method Detection Limit
U = One or more of the six PFAS was not detected at a level greater than the laboratory method detection limit (MDL).
J = One or more of the six PFAS was detected at a level greater than the laboratory MDL and less than the reporting limit. J qualifiers indicate an unknown bias to the sample results.

Footnote 1:

EGAD Data Disclaimer

EGAD (Environmental and Geographic Analysis Database) is a public information resource provided by the Maine DEP. The State of Maine and InforME make every effort to ensure that published information is accurate and current. Neither the State of Maine, nor any agency, officer, or employee of the State of Maine warrants the accuracy, reliability or timeliness of any information published on the Maine.gov website, nor endorses any products or services linked from this system, and shall not be held liable for any losses caused by reliance on the accuracy, reliability or timeliness of such information. Portions of the information *are subject to revisions, corrections, and updates*. Any person or entity that relies on any information obtained from this system does so at their own risk.
Data in the EGAD system data go through various levels of quality assurance/quality control procedures before being accepted by the DEP to meet project requirements. However, the DEP makes no guarantee as to the accuracy, reliability, timeliness or completeness of the data. To ensure data authenticity, original laboratory analytical reports and field sheets should be consulted. As an aid to data interpretation, EGAD supplemental materials such as the data dictionary and LUP tables should be consulted. The DEP does not assume any responsibility for the nature in which EGAD data are used, either in their raw form or in the form of derived products. When using EGAD data, the following citation should be provided: *Maine Department of Environmental Protection, EGAD (Environmental and Geographic Analysis Database), https://www.maine.gov/dep/maps-data/egad/, (date accessed).*

Note: Data for this report was extracted from EGAD on April 28, 2023. Data does not include any recently received or currently pending electronic data deliverables (EDDs) as of April 28, 2023.

Footnote 2: Information on PFAS laboratory validation qualifiers can be found at this link:

How to Read and Interpret my PFAS Laboratory Data Report.

Maine Department of Environmental Protection
PL 2021, ch. 641, Wastewater Effluent Monitoring for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)
PFAS Sum of Six Report
April 2023

Report 1. Summary of Monitoring Data for PFAS from Treated Wastewater Effluent from Select Municipal and Quasi-municipal Wastewater Treatment Facilities (WWTF)

Surface Water Dischargers

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Anson-Madison Sanitary District	ME0101389	Outfall 001-A	WW	10/25/2022	1100		1.87	832.7	786.5
				11/15/2022	679		1.9		
				12/14/2022	558		1.82		
				1/10/2023	1330		1.85		
				2/8/2023	435		10		
				3/10/2023	894		1.82		
Ashland Water & Sewer District	ME0101087	Outfall 001-A	WW	10/16/2022	27.9	J	1.89	22.7	21.9
				11/14/2022	37.6	J	1.9		
				12/15/2022	23.5	J	1.92		
				1/17/2023	20.2	J	1.8		
				2/14/2023	13.1	J	1.86		
				3/14/2023	14.1	J	1.9		
Bangor Wastewater Treatment Facility	ME0100781	Outfall 001-A	WW	10/12/2022	138	J	1.92	150.5	142.5
				11/8/2022	132	J	1.91		
				12/6/2022	201	J	1.9		
				1/9/2023	162	J	1.86		
				2/8/2023	147	J	1.86		
				3/8/2023	123	J	1.96		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Bar Harbor Wastewater Treatment Facility (Hulls Cove)	ME0102466	Outfall 001-A	WW	10/12/2022	6.12	J	1.9	5.7	5.6
				11/15/2022	8.41	J	1.8		
				12/13/2022	7.09	J	1.88		
				1/12/2023	3.61	J	1.77		
				2/13/2023	4.04	J	1.85		
				3/16/2023	5.06	J	1.8		
Bar Harbor Wastewater Treatment Facility (Main Plant)	ME0101214	Outfall 001-A	WW	10/12/2022	9.26	J	1.89	14.9	15.8
				11/15/2022	18.7	J	1.77		
				12/13/2022	15.6	J	1.94		
				1/12/2023	16	J	1.9		
				2/13/2023	13.4	J	1.83		
				3/16/2023	16.6	J	1.81		
Bath Water Pollution Control Facility	ME0100021	Outfall 001-A	WW	10/5/2022	33.2	J	1.84	51.8	55.5
				11/2/2022	60.3	J	1.9		
				12/5/2022	62.2	J	1.95		
				1/4/2023	57.7	J	1.85		
				2/2/2023	53.3	J	1.88		
				3/2/2023	44.1	J	1.85		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Belfast Wastewater Treatment Facility	ME0101532	Outfall 001-A	WW	10/5/2022	17.6	J	1.76	17.3	17.7
				11/3/2022	17.8	J	1.83		
				12/5/2022	15.8	J	2.54		
				1/5/2023	18.4	J	1.79		
				2/2/2023	18.2	J	2.13		
				3/2/2023	15.7	J	1.83		
Berwick Sewer District	ME0101397	Outfall 001-A	WW	10/3/2022	26.7	J	1.79	17.4	16.6
				11/1/2022	18.7	J	1.79		
				12/1/2022	17.9	J	1.76		
				1/3/2023	15.2	J	1.76		
				2/1/2023	14.6	J	1.73		
				3/1/2023	11	J	1.73		
Biddeford Wastewater Treatment Facility	ME0100048	Outfall 001-A	WW	9/30/2022	11.1	J	1.94	14.8	13.0
				10/31/2022	14.3	J	1.93		
				11/30/2022	11.6	J	1.96		
				1/3/2023	25.5	J	1.88		
				2/1/2023	16.3	J	2.08		
				2/27/2023	10.2	J	1.88		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Blue Hill Wastewater Treatment Facility	ME0101231	Outfall 001-A	WW	10/13/2022	29.7	J	1.83	32.4	31.9
				11/16/2022	33.4	J	1.8		
				12/13/2022	37.8	J	1.85		
				1/13/2023	31.8	J	1.78		
				2/13/2023	29.5	J	1.8		
				3/17/2023	31.9	J	1.81		
Boothbay Harbor Sewer District	ME0100064	Outfall 001-A	WW	10/4/2022	22.2	J	1.97	19.1	19.0
				11/2/2022	25.8	J	1.83		
				12/5/2022	20.8	J	1.92		
				1/4/2023	17.1	J	1.74		
				2/2/2023	16.6	J	1.77		
				3/3/2023	12.3	J	1.86		
Brewer Wastewater Treatment Facility	ME0100072	Outfall 001-A	WW	10/7/2022	49	J	2.12	25.7	22.0
				11/7/2022	27.2	J	1.99		
				12/6/2022	19.9	J	1.78		
				1/9/2023	18.7	J	2.17		
				2/7/2023	15.3	J	2.07		
				3/9/2023	24	J	1.93		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Brunswick Graham Road Landfill	ME0102113	Outfall 001-A	WW	10/21/2022	227		1.83	208.2	206.5
				10/28/2022	196		1.8		
				11/18/2022	207		1.82		
				12/2/2022	206		1.93		
				12/9/2022	174		1.85		
				12/15/2022	239		1.86		
Brunswick Sewer District	ME0100102	Outfall 001-A	WW	10/5/2022	26	J	1.88	33.7	32.5
				11/3/2022	30	J	1.95		
				12/5/2022	45.6	J	1.89		
				1/5/2023	34.4	J	1.88		
				2/2/2023	35.9	J	1.88		
				3/9/2023	30.5	J	1.88		
Bucksport Wastewater Treatment Facility	ME0100111	Outfall 001-A	WW	10/12/2022	21.6	J	1.8	24.2	21.8
				11/15/2022	32.9	J	1.96		
				12/12/2022	26.7	J	1.78		
				1/13/2023	20.7	J	1.91		
				2/13/2023	21.5	J	1.75		
				3/17/2023	21.9	J	1.83		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Calais Wastewater Treatment Facility	ME0100129	Outfall 001-A	WW	10/13/2022	24.3	J	1.95	13.7	11.4
				11/14/2022	10.9	J	1.83		
				12/14/2022	11.8	J	1.81		
				1/18/2023	15.4	J	1.86		
				2/14/2023	9.58	J	1.87		
				3/15/2023	10.1	J	1.79		
Camden Wastewater Treatment Facility	ME0100137	Outfall 001-A	WW	10/4/2022	68.7	J	2.05	80.5	81.5
				11/3/2022	63.8	J	1.98		
				12/5/2022	55.1	J	1.92		
				1/5/2023	101	J	1.94		
				2/3/2023	94.3	J	1.84		
				3/6/2023	100	J	2		
Canton Wastewater Treatment Facility	ME0102067	Outfall 001-A	WW	11/2/2022	16.3	J	1.82	15.5	15.9
				11/4/2022	16.8	J	1.95		
				11/7/2022	17.5	J	1.93		
				11/10/2022	14.3	J	1.92		
				2/20/2023	16	J	1.89		
				2/22/2023	15.8	J	1.95		
				2/26/2023	14.1	J	1.89		
				3/3/2023	13.4	J	1.99		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Caribou Wastewater Treatment Facility	ME0100145	Outfall 001-A	WW	10/17/2022	55.4	J	1.88	56.5	57.4
				11/14/2022	59.4	J	1.9		
				12/14/2022	66.5	J	1.88		
				1/17/2023	52.4	J	1.93		
				2/15/2023	38.7	J	1.82		
				3/14/2023	66.3	J	1.81		
Castine Wastewater Treatment Facility	ME0101192	Outfall 001-A	WW	10/13/2022	22.9	J	1.89	38.8	39.9
				11/28/2022	39	J	1.83		
				12/13/2022	41.5	J	1.82		
				1/13/2023	49.6	J	1.8		
				2/13/2023	40.8	J	1.79		
				3/17/2023	38.7	J	1.84		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Clinton Water District	ME0101699	Outfall 001-A	WW	12/5/2022	27.7	J	1.95	30.1	30.1
				12/22/2022	26.1	J	1.9		
				12/30/2022	31	J	1.84		
				1/5/2023	30.6	J	1.81		
				1/26/2023	29.6	J	1.89		
				2/16/2023	31.2	J	1.88		
				2/22/2023	35.7	J	2.2		
				3/3/2023	29.6	J	1.86		
				3/7/2023	29	J	2.08		
				3/15/2023	30.6	J	1.82		
Dover Foxcroft Wastewater Treatment Facility	ME0100501	Outfall 001-A	WW	10/11/2022	43.6	J	1.85	33.2	31.7
				10/26/2022	42.6	J	1.88		
				12/12/2022	41.1	J	1.82		
				12/19/2022	32.2	J	1.87		
				1/11/2023	31.2	J	1.76		
				1/25/2023	28.5	J	1.78		
				2/9/2023	23.6	J	1.78		
				3/12/2023	23.1	J	1.75		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
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Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
East Millinocket Wastewater Treatment Facility	ME0102881	Outfall 001-A	WW	10/10/2022	58.4	J	1.89	58.8	65.8
				11/7/2022	87.3	J	1.87		
				12/8/2022	79.7	J	1.9		
				1/9/2023	73.2	J	1.92		
				2/7/2023	46.3	J	1.87		
				3/9/2023	7.67	J	1.88		
Ellsworth Wastewater Treatment Facility	ME0102865	Outfall 001-A	WW	10/13/2022	29.2	J	1.96	21.6	19.1
				11/15/2022	21.2	J	1.81		
				12/12/2022	17	J	1.94		
				1/12/2023	32.6	J	1.9		
				2/12/2023	14.5	J	1.92		
				3/16/2023	15.2	J	1.91		
Falmouth Wastewater Treatment Facility	ME0100218	Outfall 001-A	WW	10/4/2022	18.5	J	1.91	21.8	21.3
				11/2/2022	21.9	J	1.94		
				12/2/2022	29.8	J	1.94		
				1/4/2023	23.5	J	1.96		
				2/2/2023	20.7	J	1.88		
				3/2/2023	16.2	J	1.96		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Farmington Wastewater Treatment Facility	ME0101249	Outfall 001-A	WW	10/6/2022	5.71	J	1.79	8.2	8.0
				11/7/2022	9.42	J	1.8		
				12/6/2022	7.5	J	1.8		
				1/9/2023	10.8	J	1.87		
				2/7/2023	7.25	J	1.75		
				3/6/2023	8.5	J	1.8		
Fort Fairfield Utilities District	ME0100226	Outfall 001-A	WW	10/17/2022	26.4	J	1.98	27.9	23.6
				11/15/2022	54.3	J	1.91		
				12/14/2022	22.5	J	1.94		
				1/17/2023	20	J	5		
				2/15/2023	24.7	J	1.92		
				3/15/2023	19.5	J	1.93		
Fort Kent Wastewater Treatment Facility	ME0102369	Outfall 001-A	WW	10/17/2022	31.6	J	1.86	25.9	27.4
				11/14/2022	35.4	J	2.05		
				12/14/2022	32.9	J	1.84		
				1/17/2023	23.2	J	1.98		
				2/15/2023	16.9	J	1.92		
				3/16/2023	15.1	J	1.88		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

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Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Freeport Sewer District	ME0101036	Outfall 001-A	WW	10/3/2022	14	J	1.82	15.0	14.2
				11/1/2022	13.7	J	1.91		
				12/1/2022	17.4	J	1.92		
				1/3/2023	16.8	J	1.93		
				2/1/2023	14.3	J	1.98		
				3/1/2023	13.8	J	2.11		
Gardiner Wastewater Treatment Facility	ME0101702	Outfall 001-A	WW	10/6/2022	15.5	J	1.92	12.7	11.9
				11/4/2022	14.9	J	1.87		
				12/6/2022	11.5	J	1.89		
				1/6/2023	10.7	J	1.81		
				2/6/2023	11.2	J	1.92		
				3/6/2023	12.3	J	1.8		
Great Salt Bay Sanitary District	ME0101516	Outfall 001-A	WW	10/20/2022	27.7	J	1.88	20.7	20.9
				11/2/2022	24.1	J	2.06		
				12/5/2022	21.4	J	1.86		
				1/5/2023	20.3	J	2.01		
				2/2/2023	13.7	J	1.94		
				3/8/2023	16.9	J	1.82		

Footnotes:

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Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Greater Augusta Utility District	ME0100013	Outfall 001-A	WW	10/5/2022	25.5	J	1.83	41.2	34.0
				11/3/2022	36.7	J	1.83		
				12/6/2022	91.4		1.91		
				1/6/2023	42.1	J	1.79		
				2/6/2023	31.2	J	1.86		
				3/7/2023	20	J	1.88		
Guilford-Sangerville Sanitary District	ME0102032	Outfall 001-A	WW	11/9/2022	67.3	J	1.8	50.6	49.3
				12/11/2022	58.4	J	1.8		
				12/19/2022	49.3	J	1.75		
				1/12/2023	50.3	J	1.82		
				1/25/2023	48.9	J	1.82		
				2/10/2023	41.2	J	1.76		
				3/13/2023	38.8	J	1.75		
Hartland Wastewater Treatment Facility	ME0101443	Outfall 001-A	WW	10/10/2022	1200		10	1004.2	933.0
				11/8/2022	1140		20		
				12/8/2022	726	J	10		
				1/11/2023	649	J	1.79		
				2/9/2023	1650	J	10		
				3/10/2023	660	J	1.81		

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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

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Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Houlton Water Company Wastewater Treatment Facility	ME0101290	Outfall 001-A	WW	10/17/2022	17.3	J	1.75	14.4	14.2
				11/14/2022	16.7	J	1.75		
				12/14/2022	12.6	J	1.75		
				1/16/2023	11.5	J	1.75		
				2/14/2023	14.9	J	1.75		
				3/15/2023	13.5	J	1.78		
Jackman Utility District	ME0100978	Outfall 001-A	WW	11/8/2022	21.5	J	1.86	21.2	19.9
				11/22/2022	16.8	J	1.83		
				12/6/2022	27.8	J	1.92		
				12/12/2022	18.3	J	1.89		
				12/19/2022	25.9	J	1.87		
				1/10/2023	26.3	J	1.89		
				1/18/2023	25.1	J	1.87		
				1/23/2023	17.2	J	1.78		
				1/25/2023	17.7	J	2		
				1/30/2023	15.5	J	1.96		

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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Kennebec Sanitary Treatment District	ME0100854	Outfall 001-A	WW	10/5/2022	129	J	1.96	148.7	130.0
				11/3/2022	217		1.87		
				12/6/2022	128	J	1.86		
				1/6/2023	160		1.99		
				2/6/2023	131	J	1.8		
				3/7/2023	127	J	1.77		
Kennebunk Sewer District	ME0100935	Outfall 001-A	WW	10/3/2022	18.7	J	1.76	14.8	13.8
				11/1/2022	13.7	J	1.85		
				12/1/2022	13.4	J	1.79		
				1/3/2023	13.3	J	1.82		
				2/1/2023	15.5	J	1.93		
				3/1/2023	13.9	J	1.86		
Kennebunkport Wastewater Treatment Facility	ME0101184	Outfall 001-A	WW	10/3/2022	13.2	J	2.04	16.5	16.0
				11/10/2022	15.6	J	1.85		
				12/1/2022	15.3	J	1.96		
				1/3/2023	16.4	J	1.94		
				2/1/2023	22.3	J	2.13		
				3/1/2023	16.4	J	1.84		

Footnotes:

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Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

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Kittery Wastewater Treatment Facility	ME0100285	Outfall 001-A	WW	10/3/2022	15.4	J	1.82	16.1	15.4
				11/1/2022	15.3	J	1.89		
				12/1/2022	17.7	J	2.03		
				1/3/2023	15.2	J	1.94		
				2/1/2023	21.7	J	1.89		
				3/1/2023	11	J	2.14		
Lewiston Auburn Water Pollution Control Authority	ME0101478	Outfall 001-C	WW	10/6/2022	21.4	J	1.8	22.1	22.4
				11/4/2022	24.5	J	1.78		
				12/5/2022	19.3	J	1.85		
				1/5/2023	26.4	J	1.9		
				2/6/2023	23.3	J	1.87		
				3/6/2023	17.8	J	1.86		
Limerick Sewerage District	ME0100871	Outfall 001-A	WW	10/13/2022	23.4	J	1.85	17.4	15.4
				11/15/2022	15.4	J	1.9		
				12/1/2022	19	J	1.84		
				1/25/2023	14.8	J	1.74		
				2/22/2023	14.4	J	1.82		

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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

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Limestone Water & Sewer District	ME0102849	Outfall 001-A	WW	10/17/2022	131	J	1.91	150.5	144.0
				11/15/2022	172	J	1.73		
				12/15/2022	139	J	1.89		
				1/17/2023	149	J	1.82		
				2/15/2023	117	J	1.75		
				3/16/2023	195	J	1.73		
Lincoln Sanitary District	ME0101796	Outfall 001-A	WW	10/11/2022	7.43	J	1.85	7.0	6.9
				11/7/2022	8.84	J	1.79		
				12/6/2022	6.1	J	1.82		
				1/9/2023	6.81	J	1.78		
				2/7/2023	7.08	J	1.79		
				3/8/2023	5.95	J	1.76		
Lisbon Wastewater Treatment Facility	ME0100307	Outfall 001-A	WW	10/5/2022	15.9	J	1.8	17.7	16.0
				11/3/2022	15.5	J	1.98		
				12/5/2022	15.2	J	1.81		
				1/5/2023	24.4	J	1.8		
				2/3/2023	16.1	J	1.74		
				3/6/2023	19.3	J	1.98		

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Livermore Falls Wastewater Treatment Facility	ME0100315	Outfall 001-A	WW	10/5/2022	12.5	J	1.86	12.5	12.4
				11/7/2022	14.4	J	1.88		
				12/6/2022	11.6	J	1.89		
				1/9/2023	12.8	J	1.87		
				2/20/2023	11.4	J	1.88		
				3/28/2023	12.2	J	1.83		
Machias Wastewater Treatment Facility	ME0100323	Outfall 001-A	WW	10/13/2022	21.9		2	19.2	21.2
				11/14/2022	14.2	J	1.83		
				12/13/2022	21.2	J	1.81		
				1/18/2023	24.6	J	1.85		
				2/14/2023	14	J	1.84		

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Mars Hill Utility District	ME0101079	Outfall 001-A	WW	10/24/2022	36	J	1.86	36.4	25.8
				11/8/2022	51.3	J	1.86		
				11/28/2022	104	J	1.84		
				12/6/2022	47.5	J	1.87		
				12/19/2022	32.3	J	1.85		
				2/22/2023	18.4	J	1.92		
				3/7/2023	19.3	J	1.91		
				3/16/2023	18.9	J	1.84		
				3/22/2023	18.1	J	1.84		
				3/29/2023	17.8	J	1.85		
Mechanic Falls Sanitary District	ME0100391	Outfall 001-A	WW	10/6/2022	16.5	J	1.92	13.8	13.6
				11/4/2022	14.3	J	1.88		
				12/6/2022	12.3	J	1.91		
				1/6/2023	12.2	J	1.84		
				2/6/2023	13.6	J	1.94		

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Milbridge Wastewater Treatment Facility	ME0100404	Outfall 001-A	WW	10/13/2022	21.7	J	1.87	28.4	26.5
				11/16/2022	39.7	J	1.93		
				12/11/2022	34.3	J	2.05		
				1/12/2023	27.9	J	1.87		
				2/11/2023	25	J	1.84		
				3/16/2023	22	J	1.89		
Millinocket Wastewater Treatment Facility	ME0100803	Outfall 001-A	WW	10/7/2022	16.1	J	1.84	19.4	15.5
				11/8/2022	20.7	J	1.84		
				12/8/2022	14.8	J	1.85		
				1/10/2023	13.8	J	1.84		
				2/8/2023	9.02	J	1.87		
				3/9/2023	42.2	J	1.88		
Milo Water District	ME0100439	Outfall 001-A	WW	10/12/2022	15.1	J	1.83	8.5	15.5
				12/15/2022	7.77	J	1.8		
				1/12/2023	7.31	J	1.77		
				1/25/2023	7.49	J	1.92		
				2/10/2023	7.22	J	1.86		
				3/9/2023	5.94	J	1.78		

Footnotes:

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Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Mount Desert Island WWTF - Seal Harbor	ME0102555	Outfall 001-A	WW	10/13/2022	15.3	J	2.03	14.2	12.5
				11/16/2022	23.9	J	1.9		
				12/13/2022	11.6	J	1.8		
				1/12/2023	12.6	J	1.91		
				2/13/2023	12.3	J	1.86		
				3/17/2023	9.48	J	1.88		
Mount Desert Island WWTF - Somesville	ME0102547	Outfall 001-A	WW	10/13/2022	23.4	J	1.9	18.4	18.5
				11/16/2022	22	J	1.91		
				12/13/2022	19.6	J	1.87		
				1/12/2023	13.7	J	1.9		
				2/13/2023	14.6	J	1.83		
				3/17/2023	17.3		1.82		
Mount Desert Island WWTF - Northeast Harbor	ME0101346	Outfall 001-A	WW	10/13/2022	82	J	1.87	40.5	32.1
				11/16/2022	46.5	J	1.97		
				12/13/2022	29.4	J	1.83		
				1/12/2023	34.8	J	1.85		
				2/13/2023	27.5	J	1.85		
				3/17/2023	22.9	J	1.84		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Newport Sanitary District	ME0100447	Outfall 001-A	WW	10/11/2022	25	J	1.88	24.5	23.9
				11/9/2022	22.1	J	1.83		
				12/9/2022	28.6	J	1.84		
				1/11/2023	22.6	J	1.94		
				2/8/2023	25.8	J	1.92		
				3/9/2023	22.7	J	1.9		
North Berwick Sanitary District	ME0101885	Outfall 001-A	WW	11/22/2022	50.4	J	1.86	39.4	39.5
				11/30/2022	44.1	J	1.74		
				12/5/2022	50.1	J	1.82		
				12/12/2022	49.8		1.78		
				2/16/2023	34.9	J	1.79		
				2/22/2023	45.5	J	1.74		
				3/1/2023	33.1	J	1.78		
				3/7/2023	29.9	J	1.82		
				3/15/2023	29.4	J	1.82		
				3/22/2023	26.7	J	1.79		
Norway Wastewater Treatment Facility	ME0100455	Outfall 001-A	WW	11/3/2022	34.3	J	1.78	24.2	23.0
				12/5/2022	30.2	J	1.79		
				1/4/2023	23	J	1.83		
				2/6/2023	16.4	J	1.85		
				3/7/2023	17.1	J	1.83		

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Ogunquit Sewer District	ME0100986	Outfall 001-A	WW	10/3/2022	12.9	J	1.86	18.3	17.2
				11/1/2022	19.2	J	1.91		
				12/1/2022	15.2	J	1.85		
				1/3/2023	29.9	J	1.84		
				2/1/2023	20.2	J	1.92		
				3/1/2023	12.4	J	1.81		
Old Orchard Beach Water Pollution Control Facility	ME0101524	Outfall 001-A	WW	10/3/2022	15.9	J	1.87	19.5	19.3
				10/31/2022	20.5	J	1.77		
				12/1/2022	15.2	J	1.8		
				1/3/2023	22.6	J	1.75		
				2/1/2023	24.7	J	1.92		
				3/1/2023	18.1	J	1.76		
Old Town Wastewater Treatment Facility	ME0100471	Outfall 001-A	WW	10/7/2022	13.9	J	1.9	14.1	13.4
				11/8/2022	17.3	J	1.96		
				12/7/2022	15.6	J	1.95		
				1/10/2023	12.7	J	1.94		
				2/8/2023	12.8	J	1.94		
				3/9/2023	12.5	J	1.89		

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Orono Wastewater Treatment Facility	ME0100498	Outfall 001-A	WW	10/12/2022	13	J	1.94	15.5	14.6
				11/9/2022	13.6	J	1.97		
				12/13/2022	18.9	J	2.03		
				1/11/2023	19.2	J	2.01		
				2/9/2023	15.5	J	2.08		
				3/8/2023	12.9	J	1.95		
Oxford Wastewater Treatment Facility	ME0102873	Outfall 001-A	WW	10/5/2022	47.4	J	1.79	42.6	43.3
				11/4/2022	42.1	J	2.12		
				12/6/2022	45.7	J	2.05		
				1/6/2023	39.6	J	1.9		
				2/6/2023	44.5	J	1.97		
				3/7/2023	36.4	J	2.1		
Paris Utility District	ME0100951	Outfall 001-A	WW	10/5/2022	13	J	1.83	8.5	7.7
				11/3/2022	10.4	J	1.74		
				12/5/2022	6.32	J	1.78		
				1/5/2023	9.01	J	1.78		
				2/6/2023	6.37	J	1.74		
				3/6/2023	5.6	J	1.79		

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Penobscot Indian Nation Wastewater Pollution Control Facility	ME0101311	Outfall 001-A	WW	10/10/2022	8.14	J	1.93	8.4	8.1
				11/8/2022	8.66	J	1.94		
				12/7/2022	7.14	J	1.78		
				1/6/2023	10.6	J	1.83		
				2/7/2023	7.52	J	1.83		
Pittsfield Wastewater Treatment Facility	ME0100528	Outfall 001-A	WW	10/11/2022	22.3	J	1.83	20.4	20.5
				11/9/2022	21.8	J	1.88		
				12/7/2022	21.5	J	1.86		
				1/11/2023	19.3	J	1.8		
				2/9/2023	19.5	J	1.78		
				3/9/2023	18.1	J	1.9		
Portland Water District (Cape Elizabeth WWTF)	ME0102121	Outfall 001-A	WW	10/3/2022	23.7	J	1.82	18.5	17.7
				11/1/2022	18.1	J	1.94		
				12/1/2022	16.7	J	2.04		
				1/3/2023	17.3	J	1.93		
				2/1/2023	21.6	J	2.1		
				3/1/2023	13.8	J	1.91		

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Portland Water District (East End WWTF)	ME0102075	Outfall 001-A	WW	10/3/2022	21	J	1.79	24.6	23.8
				11/1/2022	26.6	J	1.96		
				12/1/2022	30.5	J	1.94		
				1/3/2023	20.6	J	1.97		
				2/1/2023	27.9	J	1.94		
				3/1/2023	21	J	1.85		
Portland Water District (Peaks Island WWTF)	ME0102237	Outfall 001-A	WW	10/4/2022	13	J	1.89	11.8	12.1
				11/1/2022	13.6	J	1.92		
				12/1/2022	11.1	J	1.78		
				1/3/2023	10.2	J	1.97		
				2/1/2023	14.2	J	2.34		
				3/1/2023	8.41	J	1.86		
Portland Water District (Westbrook-Gorham WWTF)	ME0100846	Outfall 001-A	WW	10/4/2022	23	J	1.75	27.3	28.2
				11/1/2022	28.3	J	1.87		
				12/1/2022	28	J	1.86		
				1/3/2023	24.6	J	2.06		
				2/1/2023	31.4	J	2.09		
				3/1/2023	28.7	J	1.89		

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Presque Isle Utilities District	ME0100561	Outfall 001-A	WW	10/17/2022	11.9	J	1.86	11.8	11.9
				11/15/2022	14	J	1.82		
				12/15/2022	11.9	J	1.89		
				1/17/2023	10.2	J	1.99		
				2/15/2023	10.5	J	1.85		
				3/16/2023	12.4	J	1.85		
Rockland Wastewater Treatment Facility	ME0100595	Outfall 001-A	WW	10/5/2022	61.8	J	1.76	56.4	55.7
				11/2/2022	45	J	1.84		
				12/5/2022	40.2	J	1.87		
				1/5/2023	67.3	J	1.94		
				2/2/2023	49.6	J	1.83		
				3/3/2023	74.7	J	1.88		
Rumford-Mexico Sewerage District	ME0100552	Outfall 001-A	WW	10/6/2022	5.31		1.8	6.0	5.8
				11/7/2022	9.2	J	1.89		
				12/7/2022	6.37	J	1.96		
				1/9/2023	6.65	J	2		
				2/7/2023	4.19	J	1.96		
				3/7/2023	4.37	J	1.86		

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Sabattus Sanitary District	ME0101842	Outfall 001-A	WW	10/6/2022	15.1	J	1.92	15.0	14.4
				11/4/2022	15.9	J	1.74		
				12/6/2022	13.6	J	1.86		
				1/6/2023	13.7	J	1.79		
				2/6/2023	20.3	J	1.83		
				3/7/2023	11.2	J	1.79		
Saco Water Resource Recovery Dept	ME0101117	Outfall 001-A	WW	10/3/2022	17.8	J	1.84	20.4	17.2
				11/1/2022	15.2	J	1.86		
				12/1/2022	20	J	1.82		
				1/3/2023	37.7	J	1.85		
				2/1/2023	16.5	J	1.85		
				3/1/2023	15.2	J	1.83		
Sanford Sewerage District	ME0100617	Outfall 001-A	WW	10/3/2022	24.4	J	1.95	41.5	31.8
				11/1/2022	27.9	J	1.91		
				12/1/2022	27.7	J	1.94		
				1/3/2023	35.6	J	1.95		
				2/1/2023	66.5		1.96		
				3/1/2023	66.6		1.9		

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Scarborough Sanitary District	ME0102059	Outfall 001-A	WW	10/3/2022	60.6	J	1.85	68.2	66.0
				11/2/2022	87.4		1.86		
				12/2/2022	66.2	J	1.84		
				1/4/2023	72.1	J	1.92		
				2/2/2023	57	J	1.89		
				3/2/2023	65.8	J	1.89		
Skowhegan Wastewater Treatment Facility	ME0100625	Outfall 001-A	WW	10/10/2022	16.1	J	2.06	14.8	14.7
				11/8/2022	20.1	J	1.94		
				12/8/2022	14.1	J	1.98		
				1/10/2023	15.3	J	1.94		
				2/8/2023	10	J	2.04		
				3/9/2023	13.1	J	1.95		
South Berwick Sewer District	ME0100820	Outfall 001-A	WW	9/30/2022	21.7	J	1.83	15.9	15.0
				10/31/2022	13.4	J	1.8		
				12/1/2022	18.2	J	1.77		
				1/3/2023	15	J	1.75		
				2/1/2023	12.3	J	1.93		
				3/1/2023	15	J	1.75		

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South Portland Wastewater Treatment Facility	ME0100633	Outfall 001-A	WW	10/3/2022	32.2	J	1.82	35.5	34.4
				11/1/2022	37.8	J	1.85		
				12/1/2022	32.4	J	1.88		
				1/3/2023	36.3	J	1.87		
				2/1/2023	31.2	J	1.84		
				3/1/2023	43.1	J	1.86		
Southwest Harbor Water & Sewer District	ME0100641	Outfall 001-A	WW	10/12/2022	16.3	J	1.93	15.5	15.3
				11/15/2022	17.1	J	1.82		
				12/13/2022	18.9	J	1.86		
				1/12/2023	14.3	J	1.78		
				2/13/2023	13.2	J	1.81		
				3/13/2023	13	J	1.79		
Thomaston Water Pollution Control Authority	ME0100668	Outfall 001-A	WW	10/4/2022	49.5	J	2.52	36.0	32.8
				11/2/2022	34.3	J	1.87		
				12/5/2022	31.3	J	1.9		
				1/5/2023	30.9	J	1.88		
				2/3/2023	30.3	J	1.92		
				3/3/2023	39.8	J	1.84		

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Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Unity Utilities District	ME0101150	Outfall 001-A	WW	10/25/2022	33.4	J	1.85	33.0	33.4
				10/27/2022	34.2	J	1.91		
				11/2/2022	33.4	J	1.86		
				11/3/2022	35.5	J	1.8		
				4/3/2023	30.9	J	1.86		
				4/5/2023	30.3	J	1.83		
Vinalhaven Wastewater Treatment Facility	ME0102491	Outfall 001-A	WW	10/26/2022	11.8	J	1.85	13.2	12.6
				11/1/2022	17.2	J	1.83		
				12/2/2022	10.8	J	1.88		
				1/4/2023	12	J	1.9		
				2/1/2023	14.2	J	2.1		
				3/1/2023	13.2	J	1.98		
Washburn Water And Sewer District	ME0101028	Outfall 001-A	WW	10/17/2022	8.11	J	1.89	6.5	6.6
				11/15/2022	6.78	J	1.92		
				12/14/2022	6.42	J	1.91		
				1/17/2023	6.6	J	2		
				2/15/2023	4.8	J	2.01		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Wells Sanitary District	ME0100790	Outfall 001-A	WW	10/3/2022	15.1	J	1.85	15.1	15.4
				11/1/2022	15.6	J	1.96		
				12/1/2022	18.2	J	1.84		
				1/3/2023	11.9	J	1.79		
				2/1/2023	21.2	J	1.93		
				3/1/2023	8.65	J	2.24		
Wilton Wastewater Treatment Facility	ME0101915	Outfall 001-A	WW	11/7/2022	8.35	J	1.85	8.9	8.4
				12/6/2022	7.25	J	1.81		
				1/9/2023	12.9	J	1.83		
				2/7/2023	8.92	J	1.88		
				3/8/2023	6.9	J	1.89		
Winter Harbor Utilities District	ME0100731	Outfall 001-A	WW	10/13/2022	12.3	J	1.86	7.6	6.9
				11/15/2022	8.34	J	1.86		
				12/12/2022	5.36	J	1.84		
				1/12/2023	5.62	J	1.88		
				2/11/2023	7.18	J	1.89		
				3/16/2023	6.61	J	1.88		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select municipal and quasi-municipal wastewater treatment facilities (WWTF)

Number of facilities with results= 91 Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit[4]	Average (PPT) [2]	Median (PPT) [2]
Wiscasset Wastewater Treatment Facility	ME0100757	Outfall 001-A	WW	10/4/2022	280	J	1.77	73.2	31.3
				11/2/2022	39.8	J	1.79		
				12/2/2022	16.1	J	1.81		
				1/4/2023	22.7	J	1.79		
				2/2/2023	59.3	J	1.85		
				3/2/2023	21.5	J	1.87		
Yarmouth Wastewater Treatment Facility	ME0100765	Outfall 001-A	WW	10/4/2022	16.4	J	1.84	19.3	17.9
				11/1/2022	22	J	1.85		
				12/1/2022	27.5	J	1.84		
				1/3/2023	16.6	J	1.82		
				2/1/2023	19.2	J	1.95		
				3/1/2023	14.3	J	1.84		
York Sewer District	ME0101222	Outfall 001-A	WW	10/3/2022	18.8	J	1.94	16.0	15.6
				11/1/2022	15.9	J	1.94		
				12/1/2022	18.4	J	1.92		
				1/3/2023	13.1	J	1.84		
				2/1/2023	15.2	J	1.93		
				3/1/2023	14.3	J	1.82		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
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Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

Maine Department of Environmental Protection
PL 2021, ch. 641, Wastewater Effluent Monitoring for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)
PFAS Sum of Six Report
April 2023

Report 2. Summary of Monitoring Data for PFAS from Select Municipal and Quasi-municipal Treatment Facilities that Discharge Treated Wastewater Effluent via Spray Irrigation, Including Data for Spray Site Groundwater Monitoring Wells.

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from groundwater at select municipal and quasi-municipal wastewater treatment facilities that discharge treated wastewater effluent via spray irrigation

Number of facilities with results= 15

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Carrabassett Valley Sanitary District	MEU502781	MW-8	GW	9/14/2022	2.3	J	1.86	1.7	1.7
				12/8/2022	1.13	J	1.88		
		Lagoon Effluent	WW	10/6/2022	26.6	J	4	22.2	21.9
				11/7/2022	18.4	J	20		
				1/9/2023	24.4	J	1.94		
				2/7/2023	19.3	J	2.08		
Corinna Sewer District	MEU508206	MW-5	GW	9/28/2022	ND	U	1.92	ND	ND
				12/8/2022	ND	U	1.81		
		Lagoon Effluent	WW	10/7/2022	10.4	J	1.98	10.4	10.4
Dexter Utility District	MEU500830	MW-102	GW	9/28/2022	1.24	J	1.91	0.8	0.8
				12/8/2022	0.372	J	1.9		
		Lagoon Effluent	WW	10/11/2022	12.8	J	4	12.8	12.8

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from groundwater at select municipal and quasi-municipal wastewater treatment facilities that discharge treated wastewater effluent via spray irrigation

Number of facilities with results= 15

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Eagle Lake Water & Sewer District	MEU503374	MW-5	GW	9/21/2022	0.373	J	1.87	0.3	0.3
				12/15/2022	0.236	J	1.97		
Houlton Water Company	MEU508219	MW-2	GW	9/20/2022	ND	UJ	2.08	ND	ND
		MW-1	GW	12/14/2022	ND	U	1.92		
Mapleton Sewer District	MEU508147	MW-1	GW	9/21/2022	7.34	J	2	6.7	6.7
				12/15/2022	6.14	J	1.84		
		Lagoon Effluent	WW	10/17/2022	9.2	J	4	6.4	6.3
				11/14/2022	6.38	J	2.36		
				1/16/2023	6.47	J	1.85		
				2/14/2023	5.12	J	1.76		
				2/22/2023	4.84	J	1.82		
				3/14/2023	6.25	J	1.78		
MDI High School Spray Site	MEU503319	MW-2A	GW	9/27/2022	ND	UJ	2.08	ND	ND
				12/12/2022	ND	U	1.92		
		Lagoon Effluent	WW	10/4/2022	82.7	J	2.61	71.6	71.6
				11/2/2022	60.4	J	2.08		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration.
The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from groundwater at select municipal and quasi-municipal wastewater treatment facilities that discharge treated wastewater effluent via spray irrigation

Number of facilities with results= 15

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Moosehead Sanitary District	MEU502119	MW-8	GW	9/28/2022	4.35	J	1.88	2.8	2.8
			GW	12/8/2022	1.21	J	1.98		
		Lagoon Effluent	WW	11/10/2022	14.3	J	3.49	14.1	12.8
				12/12/2022	12.6	J	1.92		
				1/12/2023	18.9	J	1.86		
				2/9/2023	12	J	1.98		
				3/10/2023	12.8	J	2.12		
Passamaquoddy Tribal Council	MEU500872	MW-2	GW	9/20/2022	ND	UJ	1.95	ND	ND
				12/14/2022	ND	U	1.9		
		Lagoon Effluent	WW	10/12/2022	9.55	J	1.9	9.1	9.1
				11/14/2022	8.6	J	1.8		
Patten Wastewater Treatment Facility	MEU507775	B-101	GW	9/20/2022	ND	UJ	1.98	ND	ND
				12/14/2022	ND	U	1.91		
Presque Isle Landfill	MEU508088	MW-103	GW	9/21/2022	28.7	J	1.86	24.5	24.5
				12/15/2022	20.3	J	1.86		
		Lagoon Effluent	WW	10/4/2022	860	J	20	980.0	980.0
				10/21/2022	1100	J	20		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

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Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
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The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from groundwater at select municipal and quasi-municipal wastewater treatment facilities that discharge treated wastewater effluent via spray irrigation

Number of facilities with results= 15

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Rangeley Wastewater Treatment Facility	MEU508086	MW-8	GW	9/14/2022	6.06	J	1.88	6.4	6.4
				12/8/2022	6.73	J	1.96		
		Lagoon Effluent	WW	1/9/2023	17.7	J	1.9	15.3	14.5
				1/24/2023	17.4	J	1.96		
				2/7/2023	14.7	J	2.03		
				2/23/2023	14.2	J	2		
				3/8/2023	13.6	J	1.98		
				3/21/2023	14	J	2		
Sinclair Sanitary District	MEU507814	MW5	GW	9/21/2022	ND	U	1.89	0.5	0.5
				12/15/2022	0.481	J	1.88		
Thomaston Water Pollution Control Authority	ME0100668	002BS	GW	9/27/2022	9.24	J	1.88	9.5	9.5
				12/20/2022	9.74	J	2.04		
Waldoboro Utility District	MEU508114	MW-1	GW	9/27/2022	17.3	J	1.8	16.2	16.2
				12/20/2022	15	J	1.9		
		Lagoon Effluent	WW	10/4/2022	16.1	J	10	28.2	28.2
				11/2/2022	40.3	J	3.38		

Footnotes:

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Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
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[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

Maine Department of Environmental Protection
PL 2021, ch. 641, Wastewater Effluent Monitoring for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)
PFAS Sum of Six Report
April 2023

Report 3. Summary of Monitoring Data for PFAS from Treated Wastewater Effluent from Select Industrial and Commercial Wastewater Treatment Facilities

Surface Water Dischargers

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select industrial and commercial wastewater treatment facilities.

Number of facilities with results= 14

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Bucksport Mill	ME0002160	Outfall 002-A	WW	10/5/2022	38.8	J	1.86	160.8	166.5
				11/16/2022	284	J	1.83		
				12/15/2022	190		1.82		
				1/5/2023	198		1.87		
				2/8/2023	143		1.89		
				3/1/2023	111		1.83		
General Alum And Chemical	ME0001830	Outfall 004	WW	10/31/2022	8.07	J	1.89	4.8	4.7
				11/21/2022	4.63	J	2.03		
				12/14/2022	3.4	J	1.94		
				1/20/2023	2.82	J	1.97		
				2/13/2023	4.91	J	1.91		
				3/16/2023	4.86	J	2.02		
General Dynamics- BIW Site-Bath	ME0001732 MEP250296	North Ejector	WW	10/27/2022	37.5	J	10	24.9	20.9
				12/19/2022	16.3	J	1.91		
				2/21/2023	20.9		1.85		
		South Ejector	WW	11/3/2022	23.5	J	1.89	47.4	47.4
				1/30/2023	71.3		1.89		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select industrial and commercial wastewater treatment facilities.

Number of facilities with results= 14

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
ND OTM LLC	ME0002020	Outfall 001-A	WW	1/10/2023	36.9		3.06	21.1	15.3
				2/14/2023	15.3		5		
				3/23/2023	11		10		
ND Paper (Rumford Mill)	ME0002054	Outfall 001-A	WW	11/1/2022	ND	UJ	1.75	10.0	5.2
				11/22/2022	ND	U	1.8		
				12/20/2022	23.1	J	1.77		
				1/10/2023	5.18		1.77		
				2/14/2023	1.78		1.78		
Pam Am- CSX	ME0036803	Outfall 001-A	WW	10/31/2022	13.8	J	1.72	8.9	8.1
				11/22/2022	3.06		1.74		
				12/15/2022	8.45		1.73		
				1/18/2023	13.8		1.78		
				2/13/2023	6.43		1.71		
				3/16/2023	7.66		1.73		
Pixelle Paper-Jay	ME00019737	Outfall 001-A	WW	10/11/2022	29.2	J	2.03	58.0	61.7
				11/17/2022	75.2		1.87		
				12/14/2022	61.7	J	1.8		
				1/18/2023	59.6	J	1.74		
				2/22/2023	64.2	J	3.29		

Footnotes:

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Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

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Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select industrial and commercial wastewater treatment facilities.

Number of facilities with results= 14

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Portsmouth Naval Shipyard-Basewide	ME0000868 ME0090719 MEP250307	Building 292	WW	10/6/2022	13.8	J	1.84	29.3	27.0
				11/14/2022	23	J	1.81		
				12/8/2022	49.8	J	1.83		
				1/5/2023	28.6	J	1.82		
				2/2/2023	25.3	J	20		
				3/17/2023	35.1	J	1.88		
Raytheon Technologies Corp	ME0022861	Outfall 003	WW	10/10/2022	9.77	J	1.73	12.0	11.9
				11/7/2022	11.9	J	1.82		
				12/5/2022	12	J	1.84		
				1/23/2023	11.5	J	1.79		
				2/20/2023	14.8	J	1.83		
SAPPI - Westbrook	ME0002321	Outfall 001-A	WW	10/12/2022	79.7	J	1.8	205.3	228.0
				11/17/2022	126		1.81		
				12/15/2022	228		1.81		
				1/17/2023	263		2.02		
				2/16/2023	330		1.83		

Footnotes:

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P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select industrial and commercial wastewater treatment facilities.

Number of facilities with results= 14

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
SAPPI North America - Somerset Mill	ME0021521	Outfall 001-A	WW	10/13/2022	ND	U	10	16.3	16.3
				11/17/2022	ND	U	10		
				12/15/2022	ND	UJ	10		
				1/17/2023	16.1		10		
				2/16/2023	16.5		1.86		
Tate & Lyle Ingredients Americas LLC	ME0002216	Outfall 001-A	WW	10/18/2022	4.93	J	1.88	7.3	7.3
				11/16/2022	ND	U	10		
				12/15/2022	ND	UJ	20		
				1/18/2023	9.69		2.94		
				2/15/2023	ND	U	8.33		
				3/16/2023	ND	U	4.64		
Twin Rivers Paper	ME0000159	Outfall 001-A	WW	10/25/2022	115	J	1.96	42.9	29.7
				11/11/2022	9.6	J	10		
				12/26/2022	29.7		1.89		
				1/31/2023	14.6	J	1.9		
				2/22/2023	45.7		1.83		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from treated wastewater effluent from select industrial and commercial wastewater treatment facilities.

Number of facilities with results= 14

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Woodland Pulp LLC	ME0001872	Outfall 001-A	WW	10/14/2022	ND	UJ	10	11.5	10.6
				11/14/2022	ND	UJ	20		
				12/14/2022	10.6		1.77		
				1/18/2023	15.5	J	5		
				2/14/2023	ND	U	20		
				3/15/2023	8.31	J	1.83		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit

Maine Department of Environmental Protection
PL 2021, ch. 641, Wastewater Effluent Monitoring for Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS)
PFAS Sum of Six Report
April 2023

Report 4. Summary of Monitoring Data for PFAS from Select Industrial and Commercial Treatment Facilities that Discharge Treated Wastewater Effluent via Spray Irrigation, or Subsurface, Including Data for Groundwater Monitoring Wells.

P.L. 2021, ch. 641-Wastewater PFAS Monitoring- April 2023 Report

Summary of monitoring data for perfluoroalkyl and polyfluoroalkyl substances (PFAS) from groundwater at select industrial or commercial wastewater treatment facilities that discharge treated wastewater effluent via spray irrigation or subsurface.

Number of facilities with results= 5

Prepared by Maine DEP April 28th, 2023

Facility Name	MEPDES Number	Sample Description	Sample Type [1]	Sample Date	Sum of 6 PFAS Result (PPT) [2]	Validation Qualifier [3]	Reporting Limit [4]	Average (PPT) [2]	Median (PPT) [2]
Auto Bath Of Raymond LLC	MEU508260	Outfall 001	WW	10/11/2022	5.33	J	1.79	5.0	5.0
				1/6/2023	4.69		1.8		
Dyer Excavation Inc	MEU508124	Outfall 002	WW	10/31/2022	39.1	J	1.74	31.5	30.2
				11/30/2022	25.1	J	1.78		
				12/2/2022	30.2	J	1.77		
		MW-1	GW	4/10/2023	55.4	J	1.76	55.4	55.4
Moore's Septic Inc	MEU508259	Effluent	WW	10/5/2022	28.5	J	1.96	28.5	28.5
		MW-1	GW	10/5/2022	5.57		1.97	6.0	6.0
				3/22/2023	6.46		2.04		
Top Fuels (Pit Stop Convenience)	MEU508270	Outfall 001	WW	11/30/2022	ND	UJ	50	ND	ND
				12/2/2022	ND	UJ	100		
				1/4/2023	ND	U	20		
		Ground Well	GW	3/9/2023	13.9	J	2	13.9	13.9
Soil Prep Inc Compost-Septage-Spray Irrigation	MEU507882	MW-5	GW	10/27/2022	ND	UJ	1.82	ND	ND
				1/10/2023	ND	U	1.81		

Footnotes:

[1] WW= Wastewater; GW= Groundwater

[2] All data is reported in parts per trillion (ppt or ng/L equivalent)
Sum of 6 = PFHPA + PFHXS + PFOA + PFNA + PFOS +PFDA

[3] U= One or more of the six compounds was not detected at a level greater than the lab method detection limit (MDL)
J= One or more of the six compounds was detected at a level greater than the laboratory MDL and less than the RL. Unknown bias to sample result

[4] Reporting limit (RL) is the value at which an instrument can accurately measure an analyte at a specific concentration.
The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable

Acronyms: MDL= Method Detection Limit ND= Not Detected RL= Reporting Limit