

Potomac River Non-Shellfish Waters Monitoring Summary

In response to the Potomac Interceptor Sewer Overflow, the Maryland Department of the Environment (MDE) developed a monitoring plan to evaluate bacteria concentrations (using *E. coli* and *Enterococci*) in the non-shellfish waters of the Potomac River. *E. coli* and *Enterococci* are bacteria that are found in the digestive systems of warm-blooded animals, including humans. They are used as indicators for the presence of bacteria and viruses that can be harmful to human health. *E. coli* and *Enterococci* measurements are used to help determine the risk associated with swimming in the water.

Six sampling stations were selected within the non-shellfish waters of the Potomac River, extending from upstream of the Potomac Interceptor Overflow to the Potomac River mainstem near Indian Head, Maryland.

Three of the stations are located within the tidal freshwater zone of the Potomac River: Indian Head (POT-1), Fort Washington (POT-2), and National Harbor (POT-3). At these locations, MDE will collect samples for *Enterococci* and *E. coli* to maintain consistency with the indicator organisms used by MDE to assess recreational water quality, as well as with samples collected by DC Waters in the Potomac River following the sewer overflow event.

The first sampling event occurred on February 17, 2026. Sampling will continue on a weekly basis until a determination is made to discontinue monitoring.



Potomac Old Angler's Inn (POT-6)

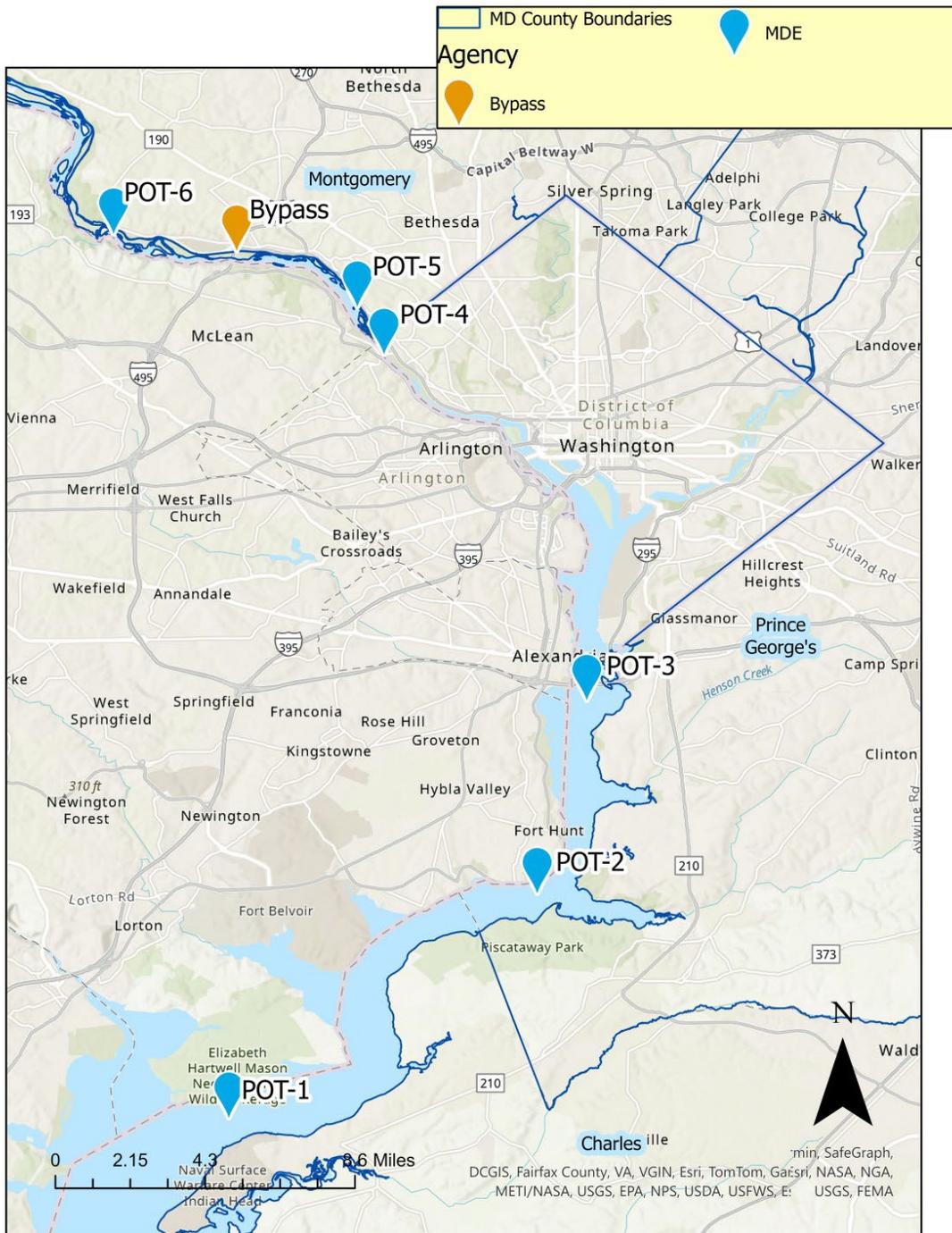


Potomac Little Falls Overlook (POT-5)



Potomac Chain Bridge (POT-4)





Potomac Interceptor Bypass - Post Incident Monitoring Locations



Updated: 02/23/26, HM



STATION ID	LATITUDE	LONGITUDE	DESCRIPTION	PARAMETER
POT-1	38.61068	-77.17802	Center Channel Potomac River near Indian Head, MD	<i>E Coli & Enterococci</i>
POT-2	38.70410	-77.05353	Center Channel Potomac River near Fort Washington, MD	<i>E Coli & Enterococci</i>
POT-3	38.78383	-77.03170	Center Channel Potomac River near National Harbor	<i>E Coli & Enterococci</i>
POT-4	38.92972	-77.11631	Chain Bridge crossing Potomac River	<i>E Coli</i>
POT-5	38.94978	-77.12769	Little Falls Area Potomac River	<i>E Coli</i>
POT-6	38.98061	-77.22849	Old Angler's Inn on the Potomac River	<i>E Coli</i>

Results Table

Station ID	Description	Depth (Meter)	Results 2/17/26 Enterococci/ <i>E. coli</i>	Results 2/25/26 Enterococci/ <i>E. coli</i>	Results 3/3/26 Enterococci/ <i>E. coli</i>	Results 3/10/26 Enterococci/ <i>E. coli</i>
POT-1	Center Channel Potomac River near Indian Head, MD	0.1	Enterococci <10 MPN/100ml	Enterococci 40 MPN/100ml	Enterococci <10 MPN/100ml	
			<i>E. coli</i> 1 MPN/100m	<i>E. coli</i> 52 MPN/100m	<i>E. coli</i> 5 MPN/100m	
POT-2	Center Channel Potomac River near Fort Washington, MD	0.1	Enterococci 20 MPN/100ml	Enterococci 110 MPN/100ml	Enterococci <10 MPN/100ml	
			<i>E. coli</i> 17 MPN/100m	<i>E. coli</i> 91 MPN/100m	<i>E. coli</i> 9 MPN/100m	
POT-3	Center Channel Potomac River near National Harbor	0.1	Enterococci 10 MPN/100ml	Enterococci 110 MPN/100ml	Enterococci 10 MPN/100ml	
			<i>E. coli</i> 65 MPN/100ml	<i>E. coli</i> 111 MPN/100m	<i>E. coli</i> 108 MPN/100m	
POT-4	Chain Bridge crossing Potomac River	0.1	<i>E. coli</i> 613 MPN/100ml	<i>E. coli</i> 48 MPN/100ml	<i>E. coli</i> 6 MPN/100m	
POT-5	Little Falls Area Potomac River	0.1	<i>E. coli</i> >2420 MPN/100ml	<i>E. coli</i> 88 MPN/100ml	<i>E. coli</i> 31 MPN/100m	
POT-6	Old Angler's Inn on the Potomac River	0.1	<i>E. coli</i> 71 MPN/100ml	<i>E. coli</i> 46 MPN/100ml	<i>E. coli</i> 4 MPN/100m	

Sampling Notes:

Sampling Event 2/17/26 – The DC Metro area received approximately a 0.5” of rain 2/15 – 2/16/26. The POT-5 value was reported as >2420 MPN/100ml because there was not enough sample available to perform dilutional analysis. Therefore, the concentration exceeds 2420.

Sampling Event 2/25/26 – The DC Metro area received approximately 1.85” of rain and 0.9” of snow from 2/19 through 2/23. Included *Enterococci* at every station to be consistent with Virginia data sets.

Sampling Event 3/3/26 – The DC Metro area received approximately .0.0” to 0.25” of rain on the day of the sampling event.

MDE Water Quality Standards for Water Contact Recreation

To assess water quality MDE uses EPA's 2012 water quality standards of 410 MPN/100 mL for *E. coli* (fresh water) and/or 130 MPN/100 mL for *Enterococci* (fresh water/marine water). MPN stands for “Most Probable Number;” which is an estimation of the number of colonies of bacteria in a 100 mL sample of water. These thresholds were developed for recreational contact with water, specifically swimming, which involves whole-body immersion and potential incidental ingestion of

water. (<https://dsd.maryland.gov/regulations/Pages/26.08.02.03-3.aspx>)

E. coli and *Enterococci* bacteria levels below 410 MPN/100 mL for *E. coli* and/or 130 MPN/100 mL for *Enterococci* would mean these waters would meet water quality standards for recreational contact.

***E. coli* and *Enterococci* Bacteria Sampling Methodology**

MDE field staff will strictly follow all protocols described in MDE’s Shellfish Sampling SOP.

Laboratory Results: Sampling Event 2/17/26



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Microbiological Analysis of Recreational Waters

FINAL REPORT

MDE WATER QUAL MONITORING PROG
 418 CHINQUAPIN ROUND ROAD
 ANNAPOLIS, MD 21401

Division of Environmental Sciences
 Environmental Microbiology Laboratory

Date Collected: 02/17/2026
 Time Collected: 10:13

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Indian Head/Potomac River
 Sampling Site:
 Town/County: Indian Head, Charles(08)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-1
 Lab No: B2600007801

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	<10	Enterococci ASTMD 6503-99	MPN/100ml	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Kathy Jones
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones
 Comments:

Approved by: *Emma L. Kinney*
FACSIMILE
 Approval date: 02/18/2026

Legend: MPN = Most Probable Number; CFU = Colony Forming Units.

This document may contain information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (443) 681-3851 and arrange for return or destruction.

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Date Collected: 02/17/2026
 Time Collected: 10:38

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Fort Washington/Potomac River pH:
 Sampling Site: Res. Free Cl
 Town/County: Fort Washington, Prince Georges (16) Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide: Air Temp: Water Temp:
 Wind: Wind Speed: pH: DO:
 Turbidity: Secchi: Rain:

Field Sample ID/ Bottle No: POT-2
 Lab No: B2600007602

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	20	Enterococci ASTM D 6503-99	MPN/100ml	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Kathy Jones
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones
 Comments:

Approved by: *Emilia J. Kinney* FACSM/MLT Approval date: 02/18/2026

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 Time Collected: 10:48

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River National Harbor/Potomac River
 Sampling Site:
 Town/County: National Harbor, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-3
 Lab No: B2600007603

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	10	Enterolert ASTMD 6503-99	MPN/100ml	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Kathy Jones
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones
 Comments:

Approved by: Emilia J. Kinney FACSIMILE Approval date: 02/18/2026

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Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Indian Head/Potomac River
 Sampling Site:
 Town/County: Indian Head, Charles(08)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-1
 Lab No: B2600007501

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	1	SM 9223 ColilertQT	MPN/100mL	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Erinna Kinney
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 02/18/2026

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 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Fort Washington/Potomac River
 Sampling Site:
 Town/County: Fort Washington, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-2
 Lab No: B2600007503

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	17	SM 9223 CollertQT	MPN/100mL	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Erinna Kinney
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones
 Comments:

Approved by: *Erinna L. Kinney* Approval date: 02/18/2026

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Date Collected: 02/17/2026
 Time Collected: 10:48

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River National Harbor/Potomac River
 Sampling Site:
 Town/County: National Harbor, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide: Air Temp: Water Temp:
 Wind: Wind Speed: pH: DO:
 Turbidity: Secchi: Rain:

Field Sample ID/ Bottle No: POT-3
 Lab No: B2600007502

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	65	SM 9223 ColilertQT	MPN/100mL	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Erinna Kinney
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones
 Comments:

Approved by: Erinna L. Kinney Approval date: 02/18/2026

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Date Collected: 02/17/2026
 Time Collected: 11:35

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Chain Bridge/Potomac River
 Sampling Site:
 Town/County:

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-4
 Lab No: B2600007504

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	613	SM 9223 ColilertQT	MPN/100mL	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Erinna Kinney
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 02/18/2026

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Date Collected: 02/17/2026
 Time Collected: 11:06

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Little Falls Overlook/Potomac Rive pH:

Sampling Site:

Res. Free Cl

Town/County: Glen Echo, Montgomery(15)

Res. Total Cl

Location Details

Environmental Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Tide:
 Wind:
 Turbidity:

Air Temp:
 Wind Speed:
 Secchi:

Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-5

Lab No: B2600007505

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	>2420	SM 9223 ColilertQT	MPN/100mL	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Erinna Kinney
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones

Comments:

Approved by: *Erinna L. Kinney* FACSIMILE Approval date: 02/18/2026

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Date Collected: 02/17/2026
 Time Collected: 10:17

Date Received: 02/17/2026
 Time Received: 14:13
 Received By: CZECZULINJ
 Temperature Control: 4.8 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Old Angler's Inn/Potomac River
 Sampling Site:
 Town/County: Potomac, Montgomery(15)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:

Air Temp:
 Wind Speed:
 Secchi:

Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-6
 Lab No: B2600007506

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	71	SM 9223 ColilertQT	MPN/100mL	02/17/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/17/2026 14:41
 Analyzed By: Erinna Kinney
 Result Read/Reported: 02/18/2026 14:47
 Read By: Kathy Jones
 Comments:

Approved by:  FACSIMILE	Approval date: 02/18/2026
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Laboratory Results: Sampling Event 2/25/26



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Date Collected: 02/25/2026
 Time Collected: 10:33

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Indian Head/Potomac River
 Sampling Site:
 Town/County: Indian Head, Charles(08)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-1
 Lab No: B2600007901

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	40	Enterolert ASTMD 6503-99	MPN/100ml	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Erin L. Kianay* FACSIMILE Approval date: 02/26/2026

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Division of Environmental Sciences
 Environmental Microbiology Laboratory

Date Collected: 02/25/2026
 Time Collected: 10:50

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Fort Washington/Potomac River
 Sampling Site:
 Town/County: Fort Washington, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-2
 Lab No: B2600007902

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	110	Enterolert ASTMD 6503-99	MPN/100ml	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Erin L. Kianay* FACSIMILE Approval date: 02/26/2026

Legend: MPN = Most Probable Number, CFU = Colony Forming Units.

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Date Collected: 02/25/2026
 Time Collected: 11:05

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River National Harbor/Potomac River
 Sampling Site:
 Town/County: National Harbor, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

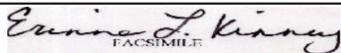
Field Sample ID/ Bottle No: POT-3
 Lab No: B2600007903

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	110	Enterolert ASTMD 6503-99	MPN/100ml	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by:  Approval date: 02/26/2026

Legend: MPN = Most Probable Number, CFU = Colony Forming Units.

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Date Collected: 02/25/2026
 Time Collected: 10:42

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Chain Bridge/Potomac River
 Sampling Site:
 Town/County:

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-4
 Lab No: B2600007904

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	60	Enterolert ASTMD 6503-99	MPN/100ml	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Erin L. Kianay* FACSIMILE Approval date: 02/26/2026

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Date Collected: 02/25/2026
 Time Collected: 10:10

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Little Falls Overlook/Potomac Rive pH:
 Sampling Site: Res. Free Cl
 Town/County: Glen Echo, Montgomery(15) Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide: Air Temp: Water Temp:
 Wind: Wind Speed: pH: DO:
 Turbidity: Secchi: Rain:

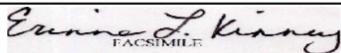
Field Sample ID/ Bottle No: POT-5
 Lab No: B2600007905

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	20	Enterolert ASTMD 6503-99	MPN/100ml	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by:  Approval date: 02/26/2026

Legend: MPN = Most Probable Number, CFU = Colony Forming Units.

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Date Collected: 02/25/2026
 Time Collected: 09:25

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Old Angler's Inn/Potomac River
 Sampling Site:
 Town/County: Potomac, Montgomery(15)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-6
 Lab No: B2600007906

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	50	Enterolert ASTMD 6503-99	MPN/100ml	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Erin L. Kianay* FACSIMILE Approval date: 02/26/2026

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Date Collected: 02/25/2026
 Time Collected: 10:33

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1,1 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Indian Head/Potomac River
 Sampling Site:
 Town/County: Indian Head, Charles(08)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-1
 Lab No: B2600007801

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	52	SM 9223 Colilert -18	MPN/100mL	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Eunina L. Kianay* FACSIMILE Approval date: 02/26/2026

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 Time Collected: 10:50

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Fort Washington/Potomac River
 Sampling Site:
 Town/County: Fort Washington, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-2
 Lab No: B2600007802

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	91	SM 9223 Colilert -18	MPN/100mL	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Erin L. Kianay* FACSIMILE Approval date: 02/26/2026

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Date Collected: 02/25/2026
 Time Collected: 11:05

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Dennis Rasmussen
 Submitter Phone: (443) 520-4918
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River National Harbor/Potomac River
 Sampling Site:
 Town/County: National Harbor, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

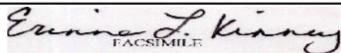
Field Sample ID/ Bottle No: POT-3
 Lab No: B2600007803

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	111	SM 9223 Colilert -18	MPN/100mL	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by:  Approval date: 02/26/2026

Legend: MPN = Most Probable Number, CFU = Colony Forming Units.

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Date Collected: 02/25/2026
 Time Collected: 10:42

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Chain Bridge/Potomac River
 Sampling Site:
 Town/County:

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

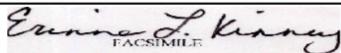
Field Sample ID/ Bottle No: POT-4
 Lab No: B2600007804

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	48	SM 9223 Colilert -18	MPN/100mL	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by:  Approval date: 02/26/2026

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Date Collected: 02/25/2026
 Time Collected: 10:10

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1.1 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Little Falls Overlook/Potomac Rive pH:
 Sampling Site: Res. Free Cl
 Town/County: Glen Echo, Montgomery(15) Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide: Air Temp: Water Temp:
 Wind: Wind Speed: pH: DO:
 Turbidity: Secchi: Rain:

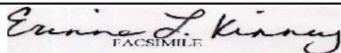
Field Sample ID/ Bottle No: POT-5
 Lab No: B2600007805

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	88	SM 9223 Colilert -18	MPN/100mL	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by:  Approval date: 02/26/2026

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Date Collected: 02/25/2026
 Time Collected: 09:25

Date Received: 02/25/2026
 Time Received: 13:23
 Received By: JCZECZULIN
 Temperature Control: 1,1 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Old Angler's Inn/Potomac River
 Sampling Site:
 Town/County: Potomac, Montgomery(15)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-6

Lab No: B2600007806

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	46	SM 9223 Colilert -18	MPN/100mL	02/25/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 02/25/2026 14:12
 Analyzed By: John R. Czczulin
 Result Read/Reported: 02/26/2026 14:24
 Read By: John R. Czczulin

Comments:

Approved by: *Erin L. Kianay* FACSIMILE Approval date: 02/26/2026

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Laboratory Results: Sampling Event 3/3/26



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Date Collected: 03/03/2026
 Time Collected: 09:25

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Renee Lynch
 Submitter Phone: (443) 845-6115
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Indian Head/Potomac River
 Sampling Site:
 Town/County: Indian Head, Charles(08)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-1
 Lab No: B2600008001

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	<10	Enterolert ASTMD 6503-99	MPN/100ml	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:38
 Analyzed By: Kathy Jones
 Result Read/Reported: 03/04/2026 14:40
 Read By: Kathy Jones

Comments:

Approved by: *Eunina L. Kianay* FACSIMILE Approval date: 03/04/2026

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Date Collected: 03/03/2026
 Time Collected: 09:55

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Renee Lynch
 Submitter Phone: (443) 845-6115
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Fort Washington/Potomac River
 Sampling Site:
 Town/County: Fort Washington, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-2

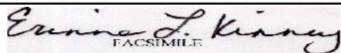
Lab No: B2600008002

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	<10	Enterolert ASTMD 6503-99	MPN/100ml	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:38
 Analyzed By: Kathy Jones
 Result Read/Reported: 03/04/2026 14:40
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 03/04/2026

Legend: MPN = Most Probable Number, CFU = Colony Forming Units.

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Microbiological Analysis of Recreational Waters

FINAL REPORT

MDE WATER QUAL MONITORING PROG
 416 CHINQUAPIN ROUND ROAD
 ANNAPOLIS, MD 21401

Division of Environmental Sciences
 Environmental Microbiology Laboratory

Date Collected: 03/03/2026
 Time Collected: 10:10

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Renee Lynch
 Submitter Phone: (443) 845-6115
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River National Harbor/Potomac River
 Sampling Site:
 Town/County: National Harbor, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-3
 Lab No: B2600008003

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
Enterococci	10	Enterolert ASTMD 6503-99	MPN/100ml	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:38
 Analyzed By: Kathy Jones
 Result Read/Reported: 03/04/2026 14:40
 Read By: Kathy Jones

Comments:

Approved by: *Eunina L. Kianay* FACSIMILE Approval date: 03/04/2026

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FINAL REPORT

MDE WATER QUAL MONITORING PROG
 416 CHINQUAPIN ROUND ROAD
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Division of Environmental Sciences
 Environmental Microbiology Laboratory

Date Collected: 03/03/2026
 Time Collected: 09:25

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Renee Lynch
 Submitter Phone: (443) 845-6115
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Indian Head/Potomac River
 Sampling Site:
 Town/County: Indian Head, Charles(08)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

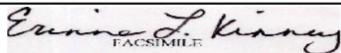
Field Sample ID/ Bottle No: POT-1
 Lab No: B2600008101

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	5	SM 9223 Colilert -18	MPN/100mL	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:09
 Analyzed By: Erinna Kinney
 Result Read/Reported: 03/04/2026 14:11
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 03/04/2026

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Date Collected: 03/03/2026
 Time Collected: 09:55

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Renee Lynch
 Submitter Phone: (443) 845-6115
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Fort Washington/Potomac River
 Sampling Site:
 Town/County: Fort Washington, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Marine
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-2
 Lab No: B2600008102

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	9	SM 9223 Colilert -18	MPN/100mL	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:09
 Analyzed By: Erinna Kinney
 Result Read/Reported: 03/04/2026 14:11
 Read By: Kathy Jones

Comments:

Approved by: Erinna L. Kinney FACSIMILE Approval date: 03/04/2026

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Date Collected: 03/03/2026
 Time Collected: 10:10

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Renee Lynch
 Submitter Phone: (443) 845-6115
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River National Harbor/Potomac River
 Sampling Site:
 Town/County: National Harbor, Prince Georges(16)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-3

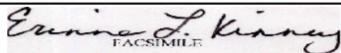
Lab No: B2600008103

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	108	SM 9223 Colilert -18	MPN/100mL	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:09
 Analyzed By: Erinna Kinney
 Result Read/Reported: 03/04/2026 14:11
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 03/04/2026

Legend: MPN = Most Probable Number, CFU = Colony Forming Units.

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Date Collected: 03/03/2026
 Time Collected: 09:32

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Chain Bridge/Potomac River
 Sampling Site:
 Town/County:

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-4
 Lab No: B2600008104

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	6	SM 9223 Colilert -18	MPN/100mL	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:09
 Analyzed By: Erinna Kinney
 Result Read/Reported: 03/04/2026 14:11
 Read By: Kathy Jones

Comments:

Approved by: Erinna L. Kinney FACSIMILE Approval date: 03/04/2026

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Date Collected: 03/03/2026
 Time Collected: 10:08

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Little Falls Overlook/Potomac Rive pH:
 Sampling Site: Res. Free Cl
 Town/County: Glen Echo, Montgomery(15) Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide: Air Temp: Water Temp:
 Wind: Wind Speed: pH: DO:
 Turbidity: Secchi: Rain:

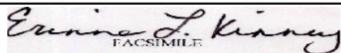
Field Sample ID/ Bottle No: POT-5
 Lab No: B2600008105

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	31	SM 9223 Colilert -18	MPN/100mL	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:09
 Analyzed By: Erinna Kinney
 Result Read/Reported: 03/04/2026 14:11
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 03/04/2026

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Date Collected: 03/03/2026
 Time Collected: 10:35

Date Received: 03/03/2026
 Time Received: 13:00
 Received By: DAVILAY
 Temperature Control: 0.6 C

Submitted By: Shawn Lowman
 Submitter Phone: (443) 294-7884
 Collector ID:
 Transport Control: Iced

Site Details

Site Name/Location: Potomac River Old Angler's Inn/Potomac River
 Sampling Site:
 Town/County: Potomac, Montgomery(15)

pH:
 Res. Free Cl
 Res. Total Cl

Location Details

Type: Natural Bathing Area
 Service: Fresh
 Point of Collection: Public
 Treated: Untreated

Environmental Details

Tide:
 Wind:
 Turbidity:
 Air Temp:
 Wind Speed:
 Secchi:
 Water Temp:
 pH: DO:
 Rain:

Field Sample ID/ Bottle No: POT-6

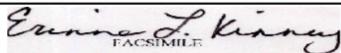
Lab No: B2600008106

Sample Receive Comments:

Analyte	Result	Test Method	Units	Date Analyzed
E. Coli	4	SM 9223 Colilert -18	MPN/100mL	03/03/2026
Sodium Thiosulfate	N/A			

Placed in Incubator: 03/03/2026 14:09
 Analyzed By: Erinna Kinney
 Result Read/Reported: 03/04/2026 14:11
 Read By: Kathy Jones

Comments:

Approved by:  Approval date: 03/04/2026

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