Maryland
Department of
the Environment

Public Hearing

on the

Tentative Determination

for

NPDES Surface Discharge Permit Renewal

of

Patapsco Wastewater Treatment Plant (WWTP)

(*State Application No. 21-DP-0580, NPDES No. MD0021601*)

Thursday, June 12, 2025, at 6:00 PM
Curtis Bay Recreation Center | 1630 Filbert St., Baltimore, MD 21226

MEETING AGENDA

0. Introduction: 6:00pm – 6:10pm (Session off record)

- *Housekeeping Rules*

1. Convene the Hearing: 6:10pm – 6:15pm (Session on record)

- *Opening Statement*

2. Recess Session: 6:15pm – 7:15pm (Session off record)

- *Presentation & discussion for proposed tentative determination*

3. Reconvene for Formal Testimony: 7:15pm – 8:00 pm (Session on record)

4. Closing statement and adjourn: 8:00pm (Session on record)

QUESTIONS / COMMENTS

MEETING AGENDA

0. Introduction: 6:00pm – 6:10pm (Session off record)

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PERMIT PROCESS FLOWCHART

PERMIT RENEWAL STATUS (21-DP-0580)

2021

September

- Permit renewal application received by MDE.

December

- Notice of Application Received published in "*The Sun*."

2024

April

- Draft permit & SRFS sent to Baltimore City & EPA for review.

May

- EPA comments received on the draft permit.

July

- Baltimore City comments received on the draft permit.

November

- Revised draft permit, SRFS, and Comment Response Document (CRD) sent to EPA by MDE.

2025

March

- Latest revision of draft permit, SRFS, and a revised CRD sent to Baltimore City & EPA by MDE.

May

- Combo Public Notice for Tentative Determination & Public Hearing published in "*The Sun*."

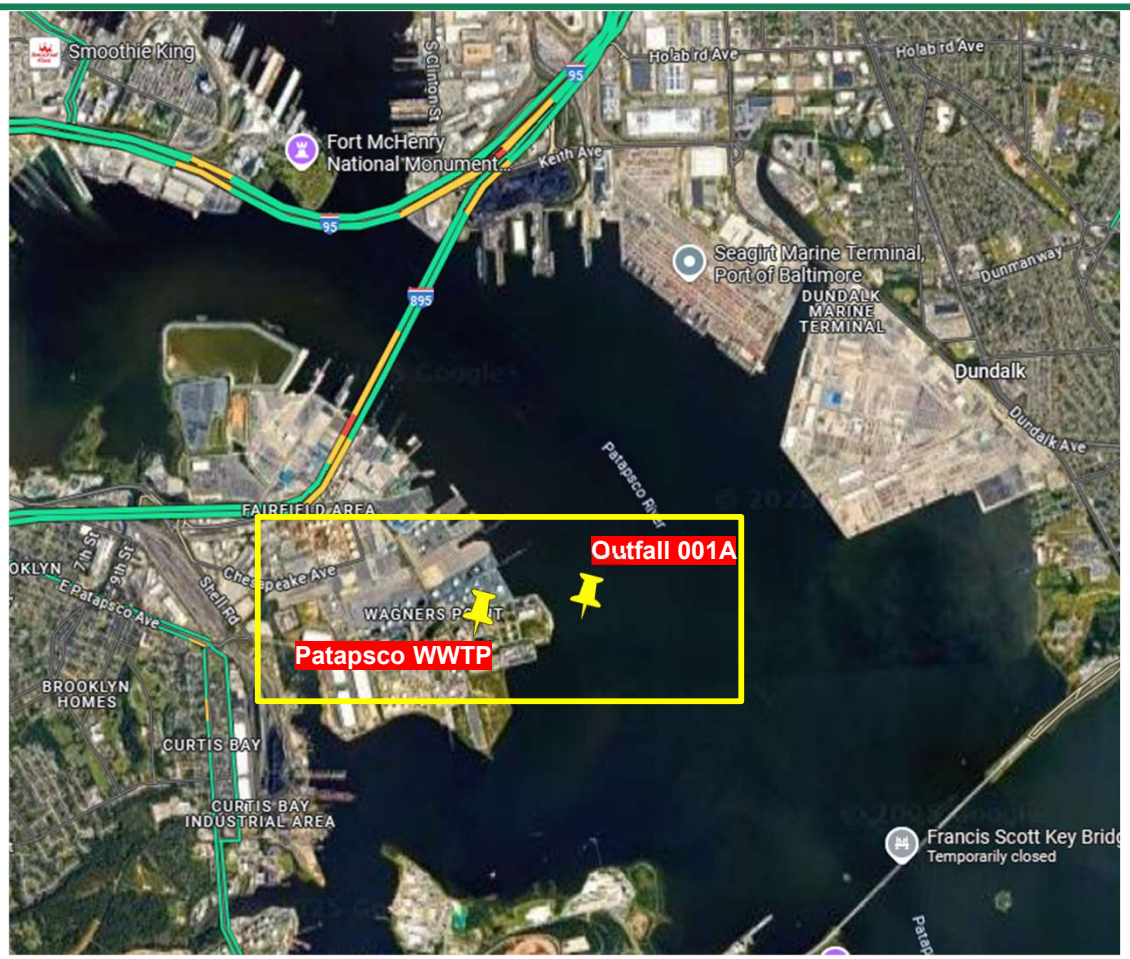
June

- Public Hearing Held.

APPLICANT & FACILITY INFORMATION

Facility Name:	Patapsco WWTP
Applicant:	Mayor and City Council of Baltimore, City Hall
Mailing Address:	100 North Holliday Street, Baltimore, MD 21202
Brief Description:	The WWTP is a tertiary Enhanced Nutrient Removal (ENR) treatment system with an 81 MGD design capacity. It serves Baltimore City, Baltimore County, Anne Arundel County and Howard County with a population of approximately 504,000. The ENR upgrade was completed and made operational in January 2020.
Facility Location:	3501 Asiatic Avenue, Baltimore, MD 21226

FACILITY AND OUTFALL LOCATION



AERIAL VIEW: PATAPSCO WWTP & OUTFALL 001A

RECEIVING STREAM INFORMATION

Outfall	001A
Name of Stream	Patapsco River
Type of Stream	Tidal River
Watershed	Baltimore Harbor (02-13-09-03)
Chesapeake Bay Model Segment	Patapsco River Mesohaline (PATMH)
Stream Use Designation	Use II (Non-shellfish harvesting): Water protected for estuary and marine aquatic life, and water contact recreation

FACILITY PERFORMANCE SUMMARY

January 2018 - December 2024

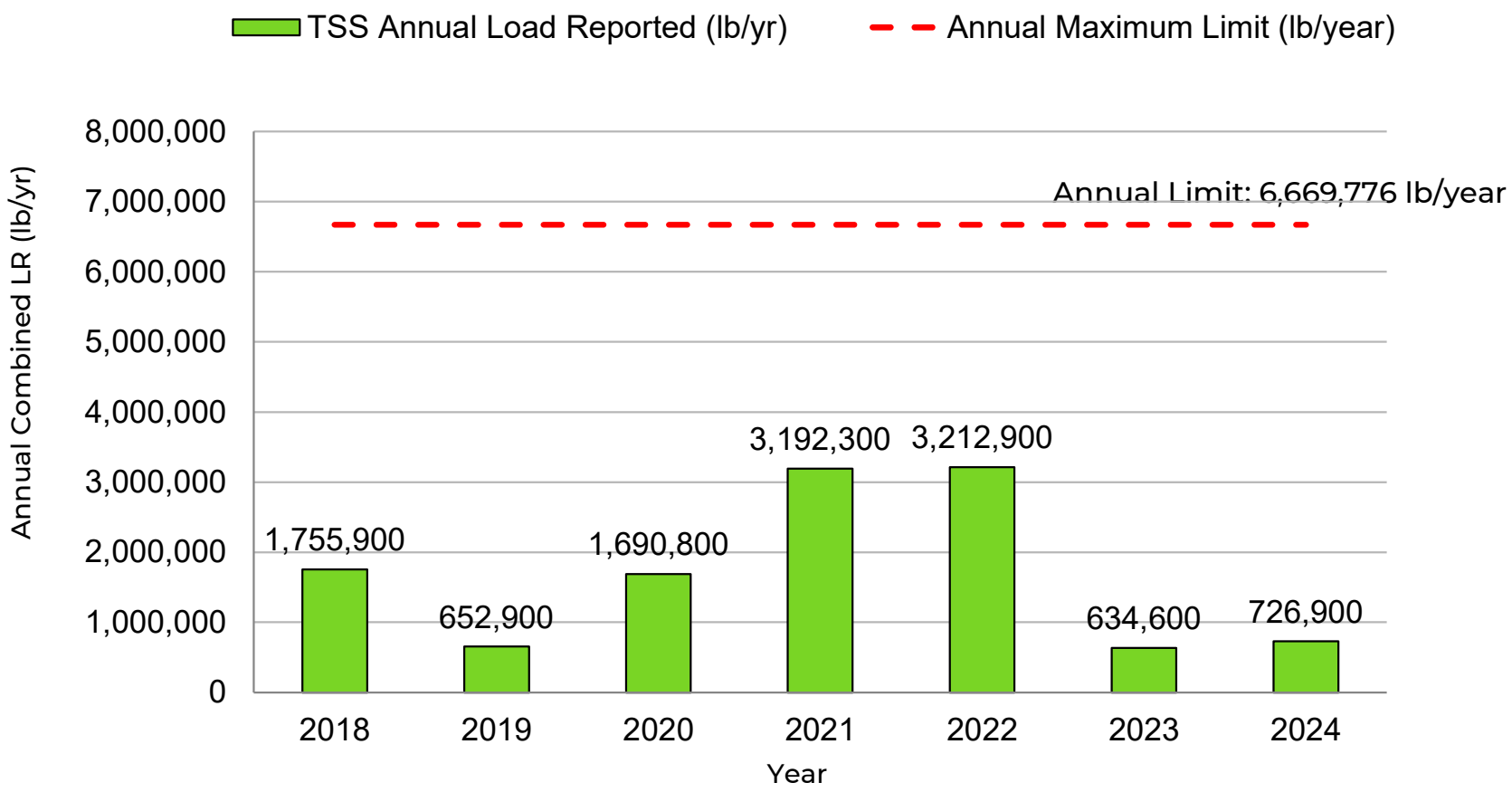
FLOW: ANNUAL AVERAGE DISCHARGE SUMMARY, *MGD*
(1/2018 – 12/2024)

Year	2018	2019	2020	2021	2022	2023	2024
Outfall 001A **73 MGD (Permitted Capacity)**	70.29	52.62	49.44	50.26	51.65	51.78	50.70

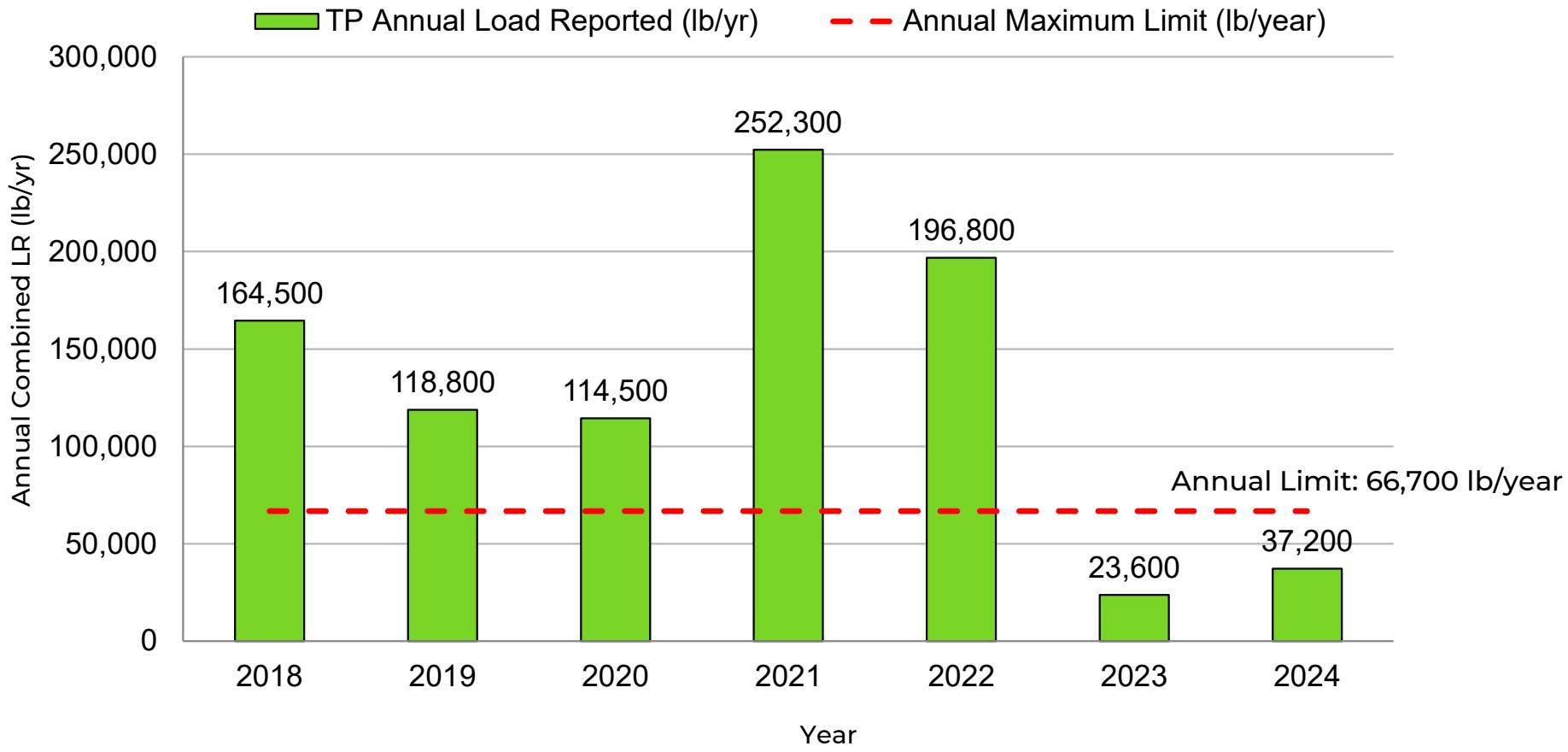
EFFLUENT LIMIT EXCEEDANCE SUMMARY
(1/2018 – 12/2024)

Effluent Parameter	2018	2019	2020	2021	2022	2023	2024
BOD_5	4	4	4	8	7	0	1
TSS	4	8	10	13	5	0	1
pH	0	0	0	0	0	0	1
Enterococci	2	3	3	5	3	0	0
TP	12	11	9	21	22	0	0
TN	17	0	7	12	15	0	0
Total Ammonia as N	10	0	1	8	15	0	0
DO	0	1	0	1	0	0	0

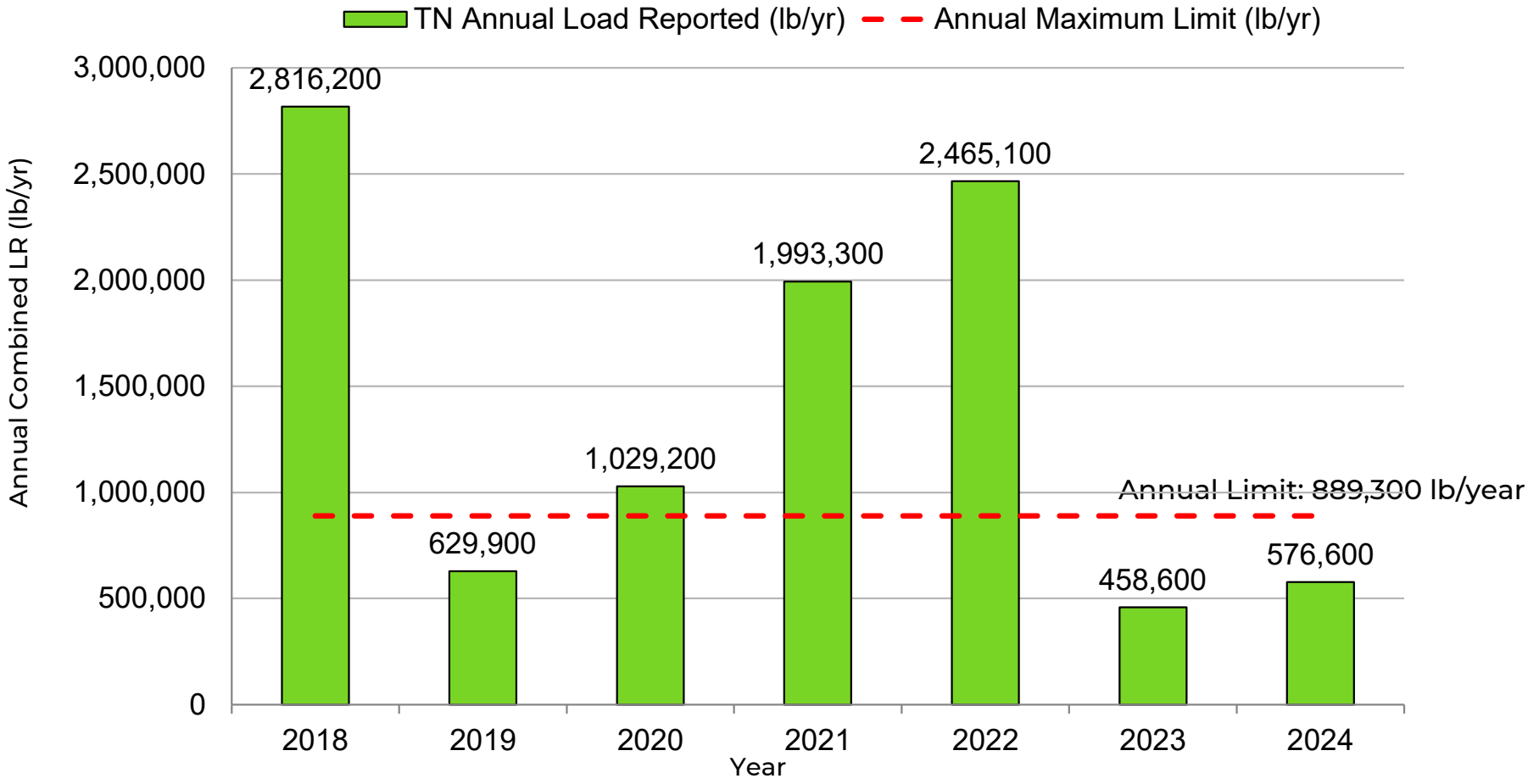
TSS: ANNUAL LOADING RATE (*lb/year*)
CHESAPEAKE BAY TMDL
(01/2018 - 12/2024)



TOTAL PHOSPHORUS: ANNUAL LOADING RATE (*lb/year*)
CHESAPEAKE BAY TMDL
(01/2018 - 12/2024)



TOTAL NITROGEN: ANNUAL LOADING RATE (*lb/year*)
CHESAPEAKE BAY TMDL
(01/2018 - 12/2024)



PROPOSED NEW PERMIT REQUIREMENTS

PROPOSED PERMIT REQUIREMENTS (NEW)

A. Effluent Limits		
	Requirement	**Rationale**
1.	BOD_5 & TSS 85% removal effluent limit.	Minimum Requirements for Secondary Treatment Standards (*40 CFR 133.102*)

PROPOSED PERMIT REQUIREMENTS (NEW), *cont'd*

B. Monitoring & Reporting		
	Requirement	**Rationale**
1.	Additional monitoring of 18 pollutant parameters	Pollutants exceeding in-stream toxicity criteria during Reasonable Potential (RP) analysis
2.	Nutrient & Sediment Performance-based credit reporting	Provide eligibility to participate in effluent performance trading (*COMAR 26.08.11*)
3.	PFAS Testing & Analysis	Protecting State Waters From PFAS Pollution Act (2024 *House Bill 1153 & Senate Bill 956*)
4.	PCB Minimization Plan	Compliance with Baltimore Harbor PCB TMDL requirement
5.	Statistical Threshold Value (STV) criteria-based bacteria monitoring (April – October)	COMAR 26.08.02.03-3 EPA Recreational Water Quality Criteria

PROPOSED PERMIT REQUIREMENTS (NEW), *cont'd*

C. Maintenance

	Requirement	Rationale
1.	Climate Change Resiliency Report	Department Policy MDE Climate Change Webpage
2.	ENR Operations and Maintenance (O&M) Guidance Checklist	Department Policy MDE Updated Nutrients Reduction in Wastewaters Strategy Webpage
3.	Lab Certification Recordkeeping	Follow-Up to Consent Decree (*24-C-22-000386*)
4.	WWTP Operator Licensing & Certification Requirement	Follow-Up to Consent Decree (*24-C-22-000386*)

PER-AND POLYFLUORINATED ALKYL SUBSTANCES (PFAS) MONITORING REQUIREMENT

PROPOSED REQUIREMENT

- ❑ 4 definitive quarterly sampling events for influent, effluent and biosolids, within 12-months of study plan acceptance.

RATIONALE

- ❑ 2nd Largest wastewater treatment facility in Maryland.
- ❑ Accepts wastewater from 22 Significant Industrial Users (SIUs).
- ❑ Generates “Class-B” Biosolids - used in land application.

GOAL

- ❑ Characterize the occurrence and concentration of PFAS compounds in plant effluent and biosolids.
- ❑ Safeguard public health and down-stream water quality.

MDE PFAS IN BIOSOLIDS WEBPAGE

- ❑ https://mde.maryland.gov/PublicHealth/Pages/PFAS-in-Biosolids-Regulatory-Update.aspx

STATISTICAL THRESHOLD VALUE (STV) BACTERIA MONITORING

PROPOSED REQUIREMENT

- ❑ Statistical Threshold Value (STV) criteria incorporated as an **Action Level** (not an *effluent limitation*) between **April 1st – October 31st** to ensure public safety during warm season.
- ❑ Action Level for Enterococci = 130 MPN/100 ml

RATIONALE

- ❑ Geometric Mean (GM) value – calculated as 50th percentile – masks potential spikes in short term data. Enterococci GM limit is 35 MPN/100 ml.
- ❑ STV – calculated as 90th percentile – detects sudden spikes in short term data.
- ❑ Baltimore Harbor is designated as Use II (non-shellfish harvesting) waters, associated with water contact recreational use.
- ❑ Past occurrences of high bacteria counts in receiving waters resulting from untreated sewage releases.

STATISTICAL THRESHOLD VALUE (STV) BACTERIA MONITORING, *cont'd*

FOLLOW UP ACTIONS

If the 90th percentile value exceeds the Action Level at the end of the calendar month:

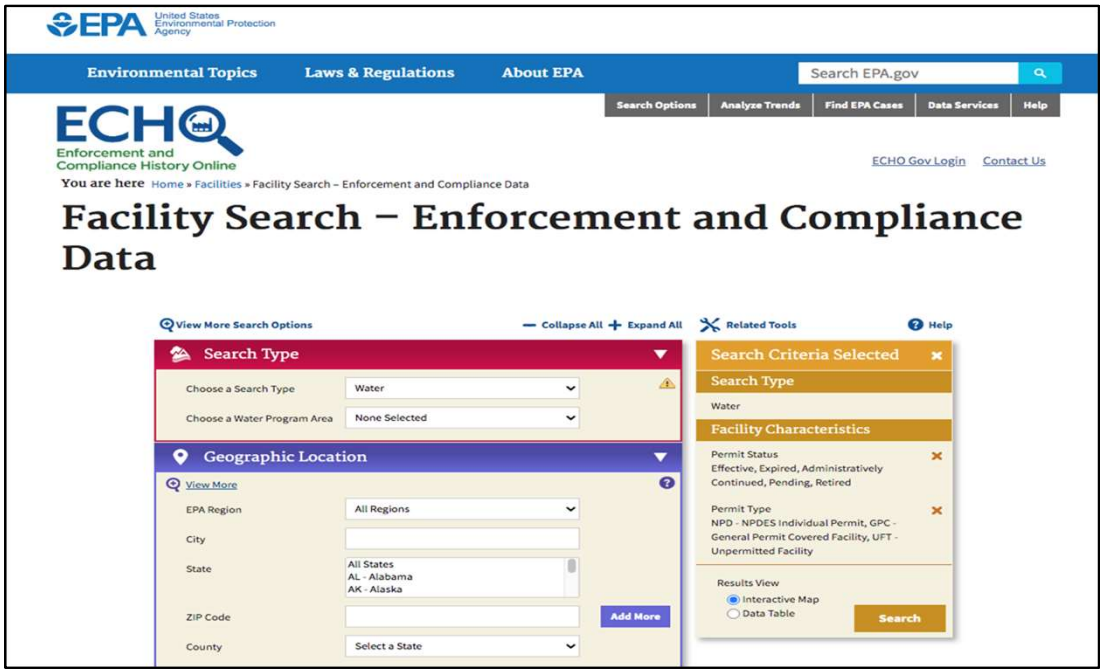
- ❑ Notify the MDE Beaches Program and local Health Department within 24 hours.
- ❑ Submit 5-day written report

GOAL

- ❑ Protect primary contact recreation (swimming, boating, etc.) by ensuring timely detection and response.

EPA ECHO WEBSITE FOR COMPLIANCE INFORMATION

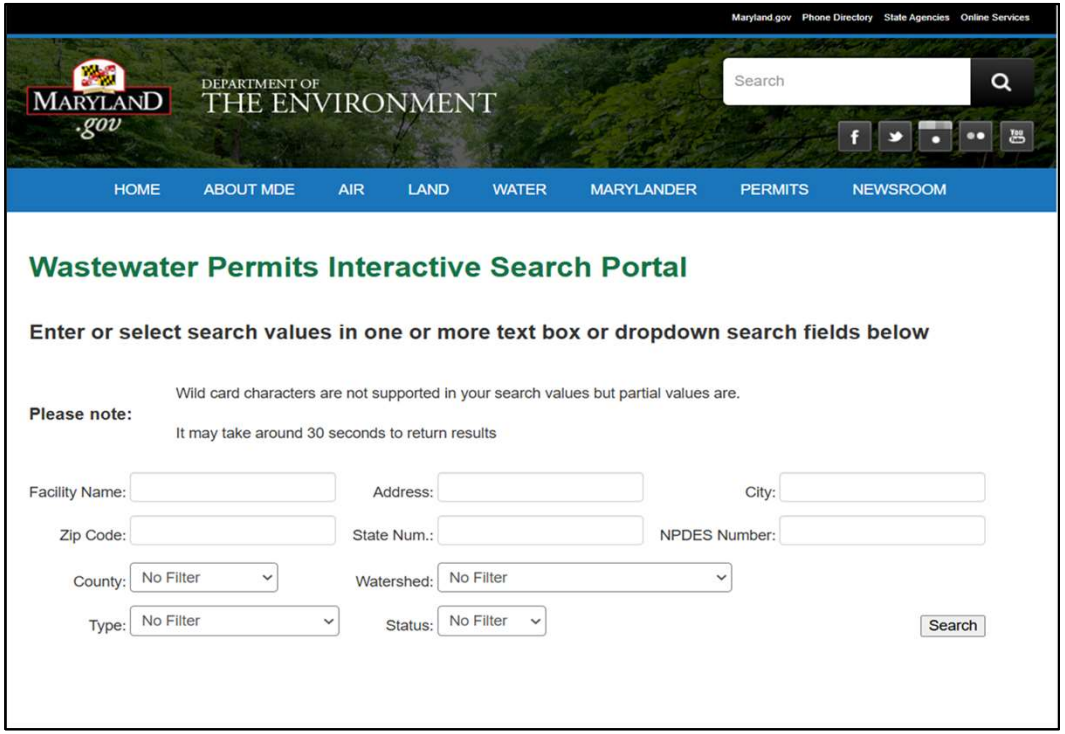
https://echo.epa.gov/facilities/facility-search?mediaSelected=cwa



Use NPDES Number (**MD0021601**) and facility name to search the records.

MDE WASTEWATER PERMIT SEARCH PORTAL

https://mdewwp.page.link/WWPPortal



Use NPDES Number (**MD0021601**) OR State Number (**21DP0580**) to search the records.

CONTACT INFORMATION

Yen-Der Cheng, Chief
Municipal Surface Discharge Permits Division
Wastewater Pollution Prevention & Reclamation Program
Water and Science Administration
Maryland Department of the Environment
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Phone: 410-537-3363
Fax: 410-537-3163

James Pinkley, Natural Resource Planner
Municipal Surface Discharge Permits Division
Wastewater Pollution Prevention & Reclamation Program
Maryland Department of the Environment
Email: ronald.pinkley@maryland.gov
Phone: 410-537-4113

Patapsco WWTP Permit Renewal Meeting

June 12, 2025

BALTIMORE CITY
DEPARTMENT OF PUBLIC WORKS

Consent Decree Status

(Patapsco Only)

- 16 of 19 Consent Decree requirements completed or compliant with concrete deadlines
- 5 requirements are continuous for the life of the Consent Decree

Patapsco	Anticipated Completion Date
SC 938 Grit Facility Rehabilitation	September 2027
SC 994 Clarifier and GST Rehabilitation	September 2028


DPW
BALTIMORE CITY
DEPARTMENT OF
PUBLIC WORKS

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4. Closing statement and adjourn: 8:00pm (Session on record)

FORMAL TESTIMONY SESSION

All testimonies will be part of the public record and considered for the final determination by the Department.

Attendees will be called upon to provide testimony in the following order:

- ❑ Elected officials
- ❑ Representatives of any government agencies
- ❑ Members of the public

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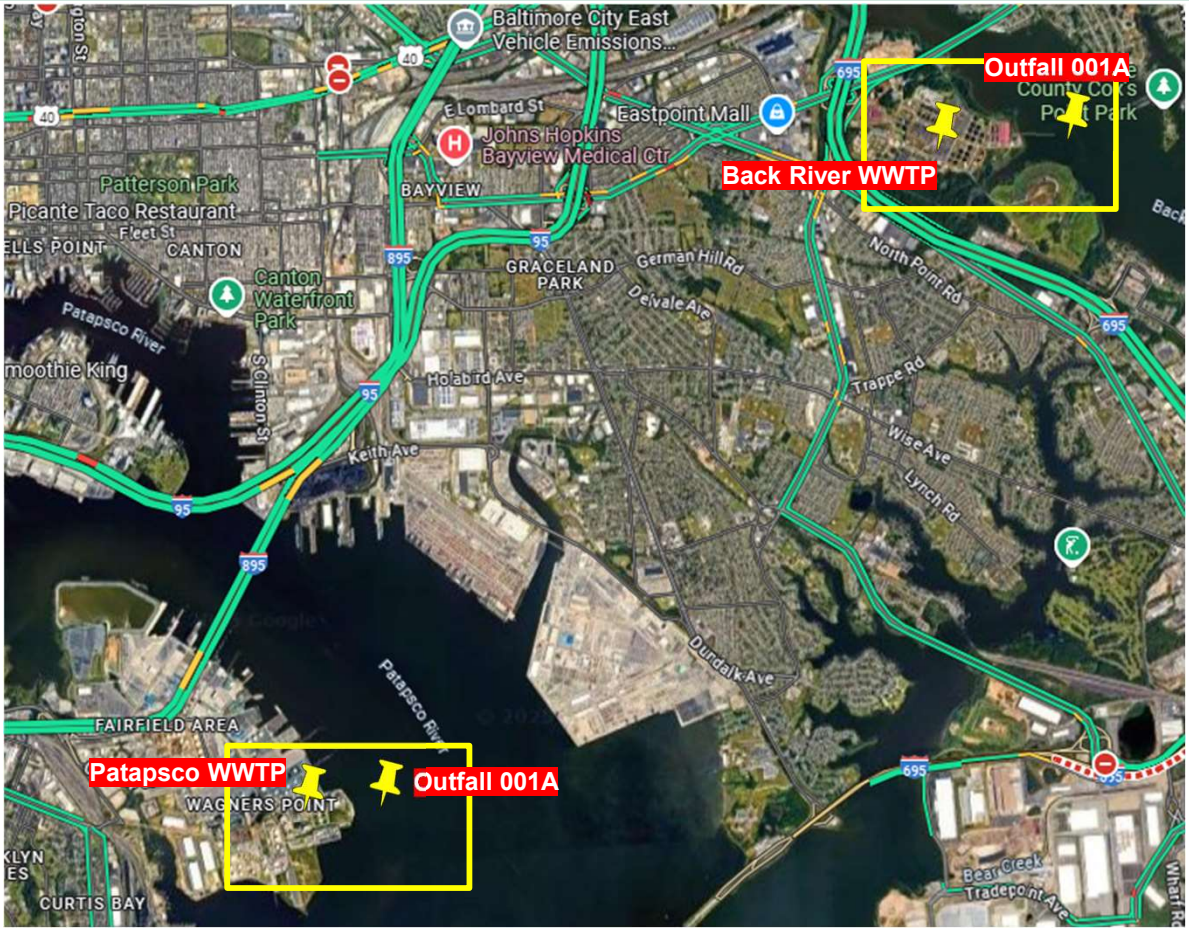
Reserved Slides

FACILITY AND OUTFALL LOCATION



ACTIVE CONSENT DECREES

Consent Decree 24-C-22-000386

- Entered on October 27, 2023.
- Mandates Baltimore City DPW to correct alleged NPDES permit violations at Patapsco WWTP within applicable deadlines, submit progress reports, and bring the WWTP into compliance.

Sanitary Sewer Overflows (SSO) Modified Consent Decree JFM-02-1524

- Entered on October 6, 2017.
- Mandates Baltimore City DPW to eliminate SSOs through corrective actions using a two-phase approach. Requires submission of quarterly progress reports to EPA and MDE.
- Final upgrades and maintenance to be completed by December 31, 2030.

SANITARY SEWER OVERFLOWS (SSOs)

General Condition III.C

- SSOs are not authorized by this permit.
- This permit only authorizes treated surface discharge to Waters of the State.

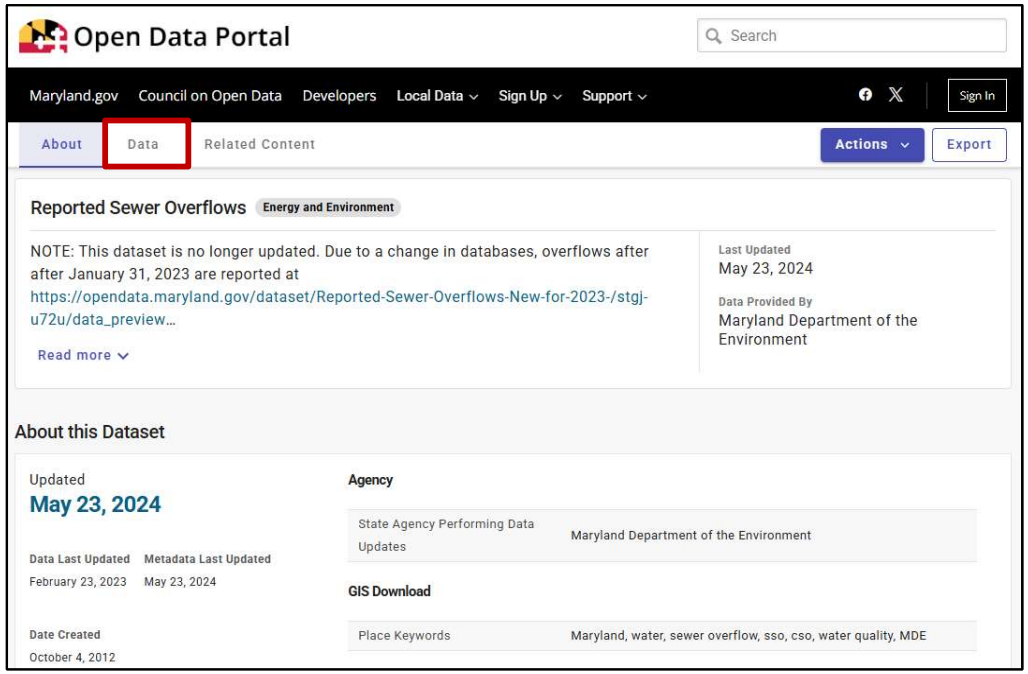
Requirements

- Records of maintenance performed to prevent SSOs must be kept and available upon request.
- If an SSO occurs, the permittee must notify, by telephone, both MDE and the local health department no later than 24 hours after occurrence.
- Additionally, the permittee must provide MDE with a written report of the event within 5 calendar days of the telephone notification.

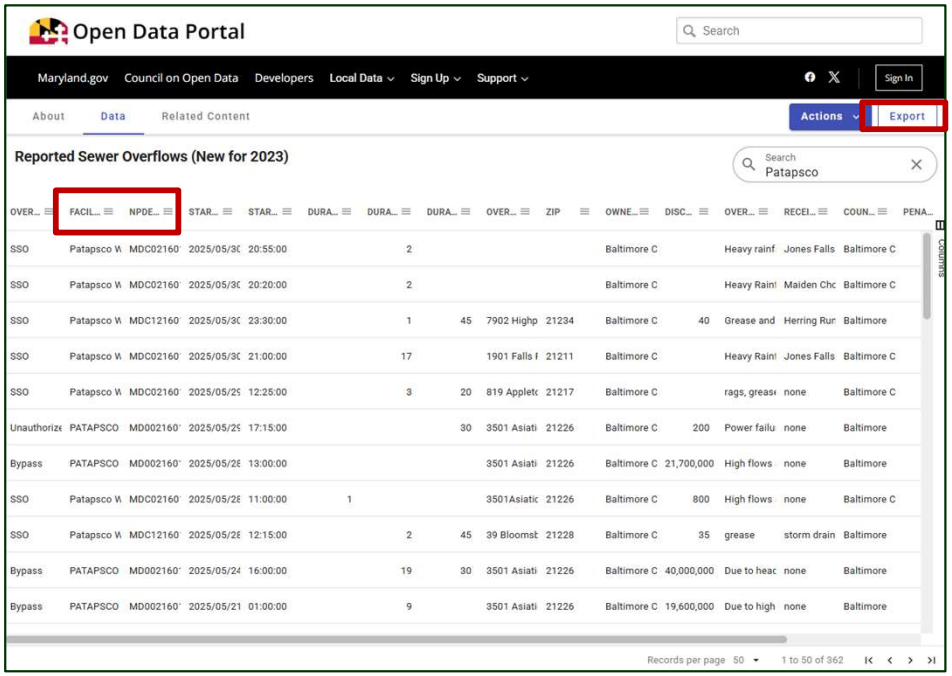
REPORTED SEWER OVERFLOWS
MDE SEARCH PORTAL

https://opendata.maryland.gov/d/stgj-u72u

1. Click on the “Data” tab



2. Use column filters to view applicable records. Then “Export” your dataset.



MAY 30th 2025, 5-DAY LETTER

CITY OF BALTIMORE
BRANDON M. SCOTT, Mayor

DEPARTMENT OF PUBLIC WORKS
Khalil Zaied, Director
Abel Wolman Municipal Building, 6th Floor
200 N. Holliday Street
Baltimore, Maryland 21202

June 5, 2025

Mr. Andrew Gosden, Acting Program Manager
Water Management Administration Compliance Program
Maryland Department of the Environment (MDE)
1800 Washington Boulevard
Baltimore, Maryland 21230

Dear Mr. Gosden:

This is a follow-up to a verbal report made to Katie Baker of the Maryland Department of the Environment (MDE) on May 30th, 2025, regarding a internal unit bypass at the Patapsco Wastewater Treatment Plant (PWWTP), Discharge Permit 15-DP-0580, NPDES Permit MD0021601.

Due to a rainstorm on May 29th, 2025, there was a bypass of the ENR facilities at Patapsco Wastewater Treatment Plant. Per the National Weather Service, the Baltimore area received 0.76" of Rain from 5/30 to 5/31. Flow is delivered from the Secondary unit process to ENR via the Tertiary Pump Station (TPS) which comprises of five vertical turbine pumps, each with a flow capacity of approximately 30 MGD for a total facility capacity of 150 MGD. Due to electrical failures in TPS pumps number 2 and 4, the facilities capacity was approximately 90 MGD. Any flow that exceeds the capacity of the TPS is bypassed directly into the influent of the Chlorine Contact Chambers (CCC) through a series of weirs, where when needed the plant can directly dose chlorine for disinfection.

At 10:00 pm 5/30/2025 the plant influent flow exceeded 90 MGD. At this time Plant operators turned on the multi-point chlorine feed to the influent of the CCC to disinfect the flow bypassing ENR. The bypass lasted until 2 am on 6/01/2025, when the plant influent flow returned to below 90 MGD and ENR was receiving the entirety of the plant's flow. All flow that bypassed the ENR received full treatment for disinfection and neutralization prior to being discharged to the plant's receiving waters. The total amount of flow that bypassed the ENR process during this period was 42.7 million gallons. The effluent composite samples for 5/30 had a TN concentration of 11.6 mg/l , the sample for 5/31 had a TN concentration of 16.2 mg/l, and the sample for 6/01 had a TN 10.8 mg/l. Plant maintenance staff are currently working on repairs to TPS pumps 2 and 4 to restore the pumping station to its full pumping capacity.

Please do not hesitate to contact me if further information is required.

Sincerely yours,

Robert G. Hindt, P.E.
Chief, Wastewater Facilities Division

CC: Mr. Paul Sayan, Department of Public Works

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Please do not hesitate to contact me if further information is required.

SPECIAL CONDITIONS (NEW) RATIONALE

	Requirement	Permit Location	Fact Sheet Location	Rationale
1.	Addition of limits for BOD_5 & TSS 85% removal	Pg. 7 and 9	Pg. 12 and 24	40 CFR, Part 133, §133.102
2.	Final Ammonia Limits added	Pg. 7 and 9	Pg. 25	COMAR 26.08.02.03-2J & K, 26.08.02.05C & D
3.	Monitoring and Footnotes for 18 Chemicals	Pg. 13	Pg. 31-34	Results of Reasonable Potential Analysis
4.	Monitoring for Influent Raw Water	Pg. 13	Pg. 27	40 CFR, Part 133, §133.102
5.	Nutrient and Sediment Performance-based Credit Reporting Schedule	Pg. 14	Pg. 28	COMAR 26.08.11
6.	Climate Change Resiliency	Pg. 29-30	Pg. 20	MDE's WSA Climate Integration Policy and Guidance; EPA's Climate Resilient Water Utility Initiative

SPECIAL CONDITIONS (NEW) RATIONALE, *cont'd*

Requirement		Permit Location	Fact Sheet Location	Rationale
7.	Maintenance of Laboratory Certification Records	Pg. 30	Pg. 22	40 CFR 136; Consent Order Case Number 24-C-22-00386
8.	Testing and Analysis of Per- and Polyfluorinated Alkyl Substances (PFAS)	Pg. 30-32	Pg. 20	Departmental strategy; EPA Method 1633 (EPA 821-R-24-001)
9.	Operation and Maintenance (O&M) Guidance Checklist	Pg. 35	Pg. 21	Department Policy for O&M requirements of ENR facilities
10.	WWTP Operator Licensing and Certification	Pg. 36	Pg. 22	COMAR 26.06.01; Consent Order Case Number 24-C-22-00386
11.	Protection of Water Contact Recreational Activity	Pg. 36-37	Pg. 23	EPA 2012 Recreational Water Quality Criteria; COMAR 26.08.02.03-3

SPECIAL CONDITIONS (EXISTING) RATIONALE

	Requirement	Permit Location	Fact Sheet Location	Rationale
1.	Wastewater Capacity Management language updated	Pg. 20-21	Pg. 17-18	MDE's Guidance Document "Wastewater Capacity Management Plans, 2006"; "Design Guidance for Wastewater Treatment Facilities, 2021"
2.	Biomonitoring Testing Schedule revised	Pg. 21-22	Pg. 14	COMAR 26.08.03.07D(1) & E; MDE's Effluent Biotoxicity Testing Protocol, as amended Jan. 2019"
3.	Toxic Chemical Testing Schedule revised	Pg. 26	Pg. 17	COMAR 26.08.03.07D(1); MDE's "Toxic Pollutant Chemical Testing Analytical Data, as amended Dec. 2023"
4.	FOG Mitigation Plan requirements enhanced	Pg. 37-38	Pg. 23	MDE Compliance Inspection Reports; Consent Order Case Number 24-C-22-00386

EFFLUENT PARAMETERS & WATER QUALITY CRITERIA

Pollutant	Requirements	Concentration Limit	Loading Rate Limit	Regulatory Rationale
Biological Oxygen Demand (BOD_5)	73 MGD	Weekly: 30 mg/l Monthly: 45 mg/l	Weekly: 18,000 lb/day Monthly: 27,000 lb/day	40 CFR §133.102, COMAR 26.08.02.03-3C(8), COMAR 26.08.04.04C(1) & COMAR 26.08.0l.01B(80)
	81 MGD	Weekly: 27 mg/l Monthly: 40 mg/l	Weekly: 18,000 lb/day Monthly: 27,000 lb/day	
Total Suspended Solids (TSS)	73 MGD	Weekly: 30 mg/l Monthly: 45 mg/l	Weekly: 18,000 lb/day Monthly: 27,000 lb/day	40 CFR §133.102, COMAR 26.08.02.03-3C(5), COMAR 26.08.02.03-3A(5), COMAR 26.08.04.04C(1), COMAR 26.08.0l.01B(80), 40 CFR§133.102 - §133.105 & The Chesapeake Bay TMDL
	81 MGD	Weekly: 27 mg/l Monthly: 40 mg/l	Weekly: 18,000 lb/day Monthly: 27,000 lb/day	
	Facility *(CB TMDL)*	N/A	6,669,776 lb/year	

EFFLUENT PARAMETERS & WATER QUALITY CRITERIA (*Cont'd*)

Pollutant	Requirements	Concentration Limit	Loading Rate Limit	Regulatory Rationale
Total Ammonia (NH3)	73 MGD	**Summer** Daily: 21.6 mg/l Monthly: 4.9 mg/l **Winter** Monthly: 7.9 mg/l	**Summer** Daily: 13,151 lb/day Monthly: 2,983 lb/day **Winter** Monthly: 5,337 lb/day	COMAR 26.08.02.03-2J, COMAR 26.08.02.03-2K , COMAR 26.08.02.05C & COMAR 26.08.02.05D
	81 MGD	**Summer** Daily: 18.7 mg/l Monthly: 4.7 mg/l **Winter** Monthly: 8.0 mg/l	**Summer** Daily: 12,633 lb/day Monthly: 3,175 lb/day **Winter** Monthly: 4,871 lb/day	
Total Nitrogen (TN)	73 & 81 MGD	N/A	Summer: 333,330 lb/season All-Year: 889,300 lb/year	40 CFR §130.7, COMAR 26.08.02.04, COMAR 26.08.03.01C(3), COMAR 26.08.04.04C, Baltimore Harbor TMDL & Chesapeake Bay TMDL
	Facility *(CB TMDL)*	N/A	889,300 lb/year	

EFFLUENT PARAMETERS & WATER QUALITY CRITERIA (*Cont'd*)

Pollutant	Requirements	Concentration Limit	Loading Rate Limit	Regulatory Rationale
Total Phosphorus (TP)	73 & 81 MGD	N/A	Summer: 33,330 lb/season All-Year: 66,700 lb/year	40 CFR §130.7, COMAR 26.08.02.04, COMAR 26.08.03.01C(3), COMAR 26.08.04.04C, Baltimore Harbor TMDL & Chesapeake Bay TMDL
	Facility *(CB TMDL)*	N/A	66,700 lb/year	
Enterococci	73 & 81 MGD	Max: 35 MPN / 100ml GM 130 MPN / 100ml STV	N/A	COMAR 26.08.02.03-3A(1)

EFFLUENT PARAMETERS & WATER QUALITY CRITERIA (*Cont'd*)

Pollutant	Requirements	Concentration Limit	Regulatory Rationale
pH	73 & 81 MGD	Max: 8.5 SU Min: 6.0 SU	COMAR 26.08.02.03-3C(4) & COMAR 26.08.02.03-3A(4)
Dissolved Oxygen (DO)	73 & 81 MGD	All-Year Min: 5.0 mg/l anytime 2/1 – 5/31 Min: 6.0 mg/l weekly avg.	COMAR 26.08.02.03-3C(8) & COMAR 26.08.02.08
Total Residual Chlorine (TRC)	73 & 81 MGD	Non-detectable Level	COMAR 26.08.02.03-2G(1), COMAR 26.08.02.05C, COMAR 26.08.02.05D, COMAR 26.08.03.06C(5), COMAR 26.08.03.06D, COMAR 26.08.03.06F

EFFLUENT PARAMETERS & WATER QUALITY CRITERIA (*Cont'd*)

Pollutant	Requirements	Concentration Limit	Waste Load Allocation (WLA)	Regulatory Rationale
Polychlorinated Biphenyls (tPCBs)	73 & 81 MGD	N/A	27.2 g/year	Baltimore Harbor TMDL

UPDATED AMMONIA LIMITS

- Adds a Daily Maximum Loading Rate and Daily Maximum Concentration to the Summer months (5/1 – 10/31).
- Adds a Monthly Maximum Loading Rate and Monthly Maximum Concentration to the Winter months (11/1 – 4/30).
- Current permit only includes Monthly Max Loading and Monthly Max Concentration for the Summer months. No explicit limits included for the Winter months.
- Permittee is allowed six months from effective date to adjust to the newer, more stringent limits.

FAT, OIL AND GREASE (FOG) MITIGATION

UPDATED REQUIREMENTS

- ❑ Submit an updated FOG mitigation plan.
- ❑ Formulate and implement an effective mitigation strategy.
- ❑ Incorporate source tracking and targeted strategies to identify and address FOG sources.

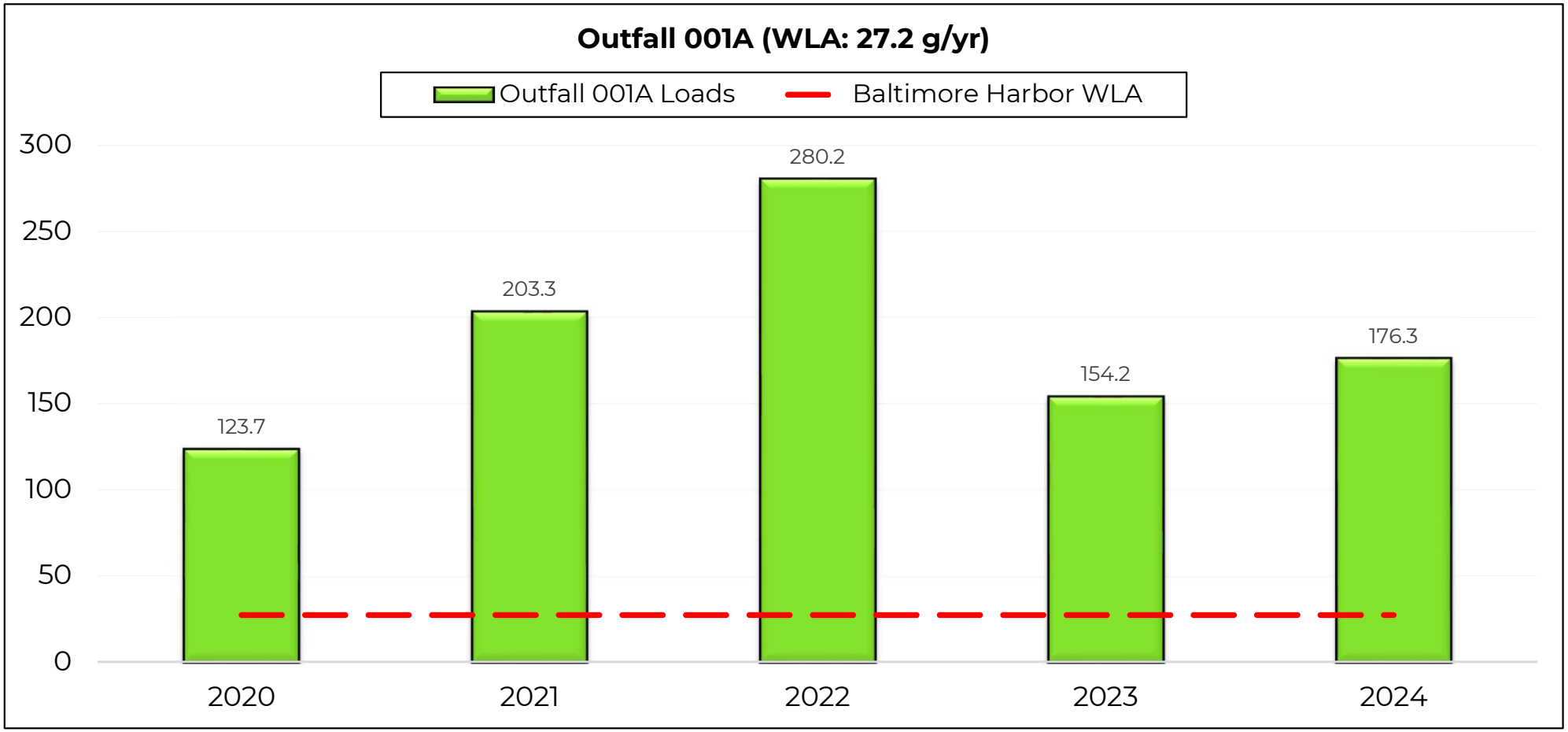
RATIONALE

- ❑ Long-standing requirement to prevent clogging of collection system.
- ❑ Consistent with past requirement.

GOAL

- ❑ Reduce and eliminate a major cause of SSOs in the WWTP service area.

tPCBs: TOTAL ANNUAL LOADS (1/2020 - 12/2024)



NOTICE OF TENTATIVE DETERMINATION & PUBLIC HEARING (P.1)

MARYLAND DEPARTMENT OF THE ENVIRONMENT
WATER AND SCIENCE ADMINISTRATION

NOTICE OF TENTATIVE DETERMINATION AND PUBLIC HEARING

Baltimore City

Application for State Discharge Permit 21DP0580, NPDES Permit MD0021601:

Baltimore City Department of Public Works, 200 Holliday Street, Suite 600, Baltimore, MD 21202, applied for renewal of the permit to discharge an average of 81 million gallons per day (MGD) of treated municipal wastewater from the Patapsco Wastewater Treatment Plant (WWTP), located at 3501 Asiatic Avenue, Baltimore, MD 21226, into the Patapsco River. The Patapsco River is designated as Use II, tidal waters. It is protected for estuarine and marine aquatic life and water contact recreation (migratory spawning and nursery use from February 1 to May 31, shallow water submerged vegetation use from April 1 to October 31, and open water fresh and shellfish use, except for shellfish harvesting – COMAR 26.08.02.08 K (2) (c) – from January 1 to December 31).

The Department is proposing a Tentative Determination (TD) to reissue the discharge permit with the following effluent limitations:

At Outfall 001A for discharge up to 73 MGD:

BOD5, 30 mg/l maximum monthly arithmetic mean, 45 mg/l maximum weekly arithmetic mean; Total Suspended Solid (TSS), 30 mg/l maximum monthly arithmetic mean, 45 mg/l maximum weekly arithmetic mean and 6,669,776 lbs/yr maximum annual load; BOD5 and TSS percent removal efficiency, 85% minimum monthly average; Total ammonia nitrogen as N, 4.9 mg/l monthly arithmetic mean and 21.6 mg/l daily maximum for summer period (5/1- 10/31), and 8.0 mg/l monthly arithmetic mean and no daily maximum for winter period (11/1- 4/30).

NOTICE OF TENTATIVE DETERMINATION & PUBLIC HEARING (P.2)

At Outfall 001B for discharge up to 81 MGD, applicable six months after the permit's effective date:

BOD5, 27 mg/l maximum monthly arithmetic mean, 40 mg/l maximum weekly arithmetic mean; Total Suspended Solid (TSS), 27 mg/l maximum monthly arithmetic mean, 40 mg/l maximum weekly arithmetic mean and 6,669,776 lbs/yr maximum annual load; BOD5 and TSS percent removal efficiency, 85% minimum monthly average; Total ammonia nitrogen as N, 4.7 mg/l monthly arithmetic mean and 18.7 mg/l daily maximum for summer period (5/1- 10/31), and 7.9 mg/l monthly arithmetic mean and no daily maximum for winter period (11/1- 4/30).

Applicable for both 73 and 81 MGD effluent limits:

Enterococci, 35 MPN/100 ml maximum monthly geometric mean concentration; Dissolved Oxygen (DO), 5.0mg/l minimum any time, 6.0 mg/l minimum weekly average for period (2/1-5/31); pH maintained between 6.0 and 8.5; Total residual chlorine (if chlorine or any chlorine-containing compound is used in any treatment process), non-detectable level. Per Baltimore Harbor Total Maximum Daily Load (TMDL) allocations, seasonal loadings of 33,330 lbs of total phosphorus and 333,330 lbs of total nitrogen (5/1-10/31) and yearly loading of 27.20 grams/yr of tPCBs shall apply. Per Chesapeake Bay TMDL, a total phosphorus load of 66,700 lbs/yr and a total nitrogen load of 889,300 lbs/yr shall also apply.

The permit also has conditions covering Wastewater Capacity Management, Biomonitoring, Pretreatment, Climate Change Resiliency Requirements, Maintenance of Laboratory Certification Records, Testing and Analysis of Per- and Polyfluorinated Alkyl Substances (PFAS), the Compliance Schedule for Meeting Total Ammonia Nitrogen as N Effluent Limits, Monitoring, Reporting and Minimization for Polychlorinated Bi Phenyls (PCBs), Operations and Maintenance Guidance Checklist Requirements, Wastewater Treatment Plant Operator Licensing and Certification, and the Protection of Water Contact Recreational Activity in the Receiving Waters.

This permit is in conformance with the "Chesapeake Bay TMDL for Nitrogen, Phosphorus, and Sediment" approved by USEPA on December 29, 2010.

The Department has scheduled a public hearing for **Thursday, June 12th, 2025** from **6pm – 8:30pm** for the tentative determination of the above permit. The hearing will be held at the **Curtis Bay Recreation Center, 1630 Filbert Street, Baltimore, MD 21226**.

NOTICE OF TENTATIVE DETERMINATION & PUBLIC HEARING (P.3)

The public hearing documents, including the permit application, draft permit, and Summary Report & Fact Sheets (SRFS) are available on MDE's website at https://mdewwp.page.link/WWPPortal. Search for "21DP0580" under "State Num" and click on the "More Info" button for the permit entry of your interest to generate a list of available documents for download.

To enhance participation in this public hearing, please use the link to register online by following the instructions on the MDE webpage: https://mdewwp.page.link/PublicMeetings.

The hearing will be recorded and transcribed. Persons who wish to present information regarding the tentative determination may speak at the public hearing, submit written comments at the public hearing, or submit a written statement to the Department no later than **5 pm on June 20, 2025**. All comments will be considered in making a final determination. Comments received via any submission mechanism will all be given equal weight.

Written comments can also be sent via mail to the **Maryland Department of the Environment, Water and Science Administration, 1800 Washington Blvd., Baltimore MD 21230-1708, Attn: Mr. Yen-Der Cheng, Chief, Municipal Permits Division** or via email to Yen-Der.Cheng@Maryland.gov. The supporting information for the tentative determination, including the draft permit and fact sheet, may be reviewed by contacting Mr. Cheng at the above address or by telephone at 410-537-3363 or 1-800-633-6101 to schedule an appointment. Copies of documents may be procured for $0.36 per page.

Any hearing-impaired person may request an interpreter to be present at the hearing by giving ten working days notice to Mr. Cheng at the address or telephone number listed above.

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