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Permit

Permit #:

MD0021555

Major:

Yes

Permittee:

BACK RIVER WWTP

Permittee Address:

8201 EASTERN AVENUE
BALTIMORE COUNTY
BALTIMORE, MD 21224

Facility:

BACK RIVER WWTP

Facility Location:

8201 EASTERN AVENUE
BALTIMORE COUNTY
BALTIMORE COUNTY, MD 21224

Permitted Feature:

001
External Outfall

Discharge:

001-A
15-DP-0581

Report Dates & Status

Monitoring Period:

From 06/01/26 to 06/30/26

DMR Due Date:

07/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Matthew

Last Name:

Garbark

Title:

Director of Public Works

Telephone:

410-396-9815

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	6.8					19 - mg/L	0	03/01 - Three Per Day	GR - Grab
					Permit Req.						>=	5.0 INST MIN					19 - mg/L		03/01 - Three Per Day	GR - Grab
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	2003.0	=	2639.0	26 - lb/d			=	2.0	=	3.0	19 - mg/L	0	01/01 - Daily	24 - 24 Hour Composite
					Permit Req.	<=	11000.0 MX MO AV	<=	16000.0 MX WK AV	26 - lb/d			<=	10.0 MX MO AV	<=	15.0 MX WK AV	19 - mg/L		01/01 - Daily	24 - 24 Hour Composite
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.1			=	8.5	12 - SU	0	03/01 - Three Per Day	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		03/01 - Three Per Day	GR - Grab
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	834.0	=	1115.0	26 - lb/d			<	1.0	=	1.0	19 - mg/L	0	01/01 - Daily	24 - 24 Hour Composite
					Permit Req.	<=	11000.0 MX MO AV	<=	16000.0 MX WK AV	26 - lb/d			<=	10.0 MX MO AV	<=	15.0 MX WK AV	19 - mg/L		01/01 - Daily	24 - 24 Hour Composite
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	1	--	Sample			=	25019.0	76 - lb/mo									01/30 - Monthly	CA - Calculated
					Permit Req.				Req Mon MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - Calculated
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	2	--	Sample			=	368260.0	50 - lb/yr								0	01/30 - Monthly	CA - Calculated
					Permit Req.			<=	3959228.0 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - Calculated
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	2.7			19 - mg/L		01/30 - Monthly	CA - Calculated
					Permit Req.									Req Mon MO AVG			19 - mg/L		01/30 - Monthly	CA - Calculated
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	1	--	Sample			=	67450.0	76 - lb/mo								0	01/30 - Monthly	CA - Calculated
					Permit Req.			<=	99782.0 MO TOTAL	76 - lb/mo									01/30 - Monthly	CA - Calculated
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	2	--	Sample			=	424576.0	50 - lb/yr								0	01/30 - Monthly	CA - Calculated
					Permit Req.			<=	1582055.0 CUM TOTL	50 - lb/yr									01/30 - Monthly	CA - Calculated
					Value NODI															
					Sample								=	1.1			19 - mg/L		01/01 - Daily	24 - 24 Hour Composite

00605	Nitrogen, organic total [as N]	1 - Effluent Gross	0	--	Permit Req. Value NODI										Req Mon MO AVG				19 - mg/L				01/01 - Daily	24 - 24 Hour Composite
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample	=	681.0	=	1915.0	26 - lb/d				=	0.8	=	2.3	19 - mg/L	0	01/01 - Daily	24 - 24 Hour Composite			
					Permit Req.	<=	2200.0 MX MO AV	<=	3300.0 MX WK AV	26 - lb/d				<=	2.0 MX MO AV	<=	3.0 MX WK AV	19 - mg/L		01/01 - Daily	24 - 24 Hour Composite			
					Value NODI																			
00630	Nitrite + Nitrate total [as N]	1 - Effluent Gross	0	--	Sample									=	0.8			19 - mg/L		01/01 - Daily	24 - 24 Hour Composite			
					Permit Req.									Req Mon MO AVG			19 - mg/L	01/01 - Daily		24 - 24 Hour Composite				
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=	110.0	=	142.0	26 - lb/d				=	0.13	=	0.17	19 - mg/L	0	01/01 - Daily	24 - 24 Hour Composite			
					Permit Req.	<=	220.0 MX MO AV	<=	330.0 MX WK AV	26 - lb/d				<=	0.2 MX MO AV	<=	0.3 MX WK AV	19 - mg/L		01/01 - Daily	24 - 24 Hour Composite			
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	12	--	Sample			=	19586.0	50 - lb/yr										01/YR - Annual	CA - Calculated			
					Permit Req.				Req Mon ANNL TOT	50 - lb/yr										01/YR - Annual	CA - Calculated			
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample			=	19586.0	50 - lb/yr									0	01/30 - Monthly	CA - Calculated			
					Permit Req.			<=	79277.0 CUM TOTL	50 - lb/yr										01/30 - Monthly	CA - Calculated			
					Value NODI																			
00665	Phosphorus, total [as P]	EG - Effluent Gross	1	--	Sample			=	3307.0	76 - lb/mo									0	01/30 - Monthly	CA - Calculated			
					Permit Req.			<=	6652.0 MO TOTAL	76 - lb/mo										01/30 - Monthly	CA - Calculated			
					Value NODI																			
00722	Cyanide, free [amenable to chlorination]	1 - Effluent Gross	0	--	Sample								<	4.0			28 - ug/L		01/30 - Monthly	GR - Grab				
					Permit Req.									Req Mon MO AVG			28 - ug/L		01/30 - Monthly	GR - Grab				
					Value NODI																			
04175	Phosphate, ortho [as P]	1 - Effluent Gross	0	--	Sample								=	0.05			19 - mg/L		02/30 - Twice Per Month	24 - 24 Hour Composite				
					Permit Req.									Req Mon MO AVG			19 - mg/L		02/30 - Twice Per Month	24 - 24 Hour Composite				
					Value NODI																			
39350	Chlordane [tech mix. and metabolites]	1 - Effluent Gross	0	--	Sample										<	0.2	28 - ug/L		01/30 - Monthly	24 - 24 Hour Composite				
					Permit Req.										Req Mon TOTAL	28 - ug/L	01/30 - Monthly		24 - 24 Hour Composite					
					Value NODI																			
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	99.5	=	116.9	03 - MGD										99/99 - Continuous	RC - Recorder (auto)			
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous		RC - Recorder (auto)				
					Value NODI																			
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample										<	0.1	19 - mg/L	0	03/01 - Three Per Day	GR - Grab				
					Permit Req.										<=	0.1 MAXIMUM	19 - mg/L		03/01 - Three Per Day	GR - Grab				
					Value NODI																			
51040	E. coli	1 - Effluent Gross	0	--	Sample										=	2.0	30 - MPN/100mL	0	01/01 - Daily	GR - Grab				
					Permit Req.										<=	126.0 MX MO GMN	30 - MPN/100mL		01/01 - Daily	GR - Grab				
					Value NODI																			
78247	Chromium, hexavalent tot recoverable	1 - Effluent Gross	0	--	Sample								=	0.37			19 - mg/L		01/30 - Monthly	GR - Grab				
					Permit Req.									Req Mon VALUE			19 - mg/L		01/30 - Monthly	GR - Grab				
					Value NODI																			
79819	Polychlorinated biphenyls [PCB] pg/L	1 - Effluent Gross	0	--	Sample			=	24.03	GQ - g/qtr			=	0.68			3M - ng/L		01/90 - Quarterly	GR - Grab				
					Permit Req.				Req Mon QRTR AVG	GQ - g/qtr				Req Mon QRTR AVG			3M - ng/L		01/90 - Quarterly	GR - Grab				
					Value NODI																			
79819	Polychlorinated biphenyls [PCB] pg/L	1 - Effluent Gross	1	--	Sample			=	68.02	3Q - g/yr			=	0.89			3M - ng/L		01/90 - Quarterly	GR - Grab				
					Permit Req.				Req Mon ANNL MAX	3Q - g/yr				Req Mon ANNL AVG			3M - ng/L		01/90 - Quarterly	GR - Grab				
					Value NODI																			
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	2986.4	80 - Mgal/mo									99/99 - Continuous	RC - Recorder (auto)				
					Permit Req.				Req Mon TOTAL	80 - Mgal/mo									99/99 - Continuous	RC - Recorder (auto)				
					Value NODI																			
82220	Flow, total	1 - Effluent Gross	12	--	Sample			=	19818.6	2A - Mgal/yr									01/YR - Annual	CA - Calculated				
					Permit Req.				Req Mon ANNL TOT	2A - Mgal/yr									01/YR - Annual	CA - Calculated				
					Value NODI																			
TS000	Toxicity, Acute	1 - Effluent Gross	0	--	Sample										<	1.0	2F - tox acute	0	01/90 - Quarterly	GR - Grab				
					Permit Req.										<	1.0 MAXIMUM	2F - tox acute		01/90 - Quarterly	GR - Grab				
					Value NODI																			
X TT000	Toxicity, Chronic	1 - Effluent Gross	0	--	Sample										=	2.3	2G - tox chronic	1	01/90 - Quarterly	GR - Grab				
					Permit Req.										<	1.02 MAXIMUM	2G - tox chronic		01/90 - Quarterly	GR - Grab				
					Value NODI																			

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
TT000	Toxicity, Chronic	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

The June 2026 cover letter, discharge operations report and monthly operations report are attachments with this submission. Also attached are the quarterly tPCB and W.E.T.

Attachments

Name	Type	Size
WET_Q2_26.pdf	pdf	6358925.0
04_08_26_tPCB_001.pdf	pdf	1911701.0
JUNE_26_MOR.pdf	pdf	4350132.0
JUNE_26_001_DMR.pdf	pdf	1105038.0
JUNE_26_Cover_letter_signed.pdf	pdf	278466.0

Report Last Saved By

BACK RIVER WWTP

User:rayford.mceachern@baltimorecity.gov

Name:Rayford McEachern

E-Mail:rayford.mceachern@baltimorecity.gov

Date/Time:2026-07-27 16:54 (Time Zone: -04:00)

Report Last Signed By

User:rayford.mceachern@baltimorecity.gov

Name:Rayford McEachern

E-Mail:rayford.mceachern@baltimorecity.gov

Date/Time:2026-07-27 16:54 (Time Zone: -04:00)