# DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

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***Permit***

| | | | | | |
|---|---|---|---|---|---|
| **Permit #:** | **MD0021555** | **Permittee:** | BACK RIVER WWTP | **Facility:** | BACK RIVER WWTP |
| **Major:** | Yes | **Permittee Address:** | 8201 EASTERN AVENUE<br>BALTIMORE COUNTY<br>BALTIMORE, MD 21224 | **Facility Location:** | 8201 EASTERN AVENUE<br>BALTIMORE COUNTY<br>BALTIMORE COUNTY, MD 21224 |
| **Permitted Feature:** | 002<br>External Outfall | **Discharge:** | **002-A**<br>15-DP-0581, TOXIC REPORTING REQUIRED | | |

***Report Dates & Status***

| | | | | | |
|---|---|---|---|---|---|
| **Monitoring Period:** | **From 01/01/26 to 01/31/26** | **DMR Due Date:** | **02/28/26** | **Status:** | **NetDMR Validated** |

***Considerations for Form Completion***

***Principal Executive Officer***

| | | | | | |
|---|---|---|---|---|---|
| **First Name:** | Matthew | **Title:** | Director of Public Works | **Telephone:** | 410-396-9815 |
| **Last Name:** | Garbark | | | | |

***No Data Indicator (NODI)***

**Form NODI:** --

| 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 | 1 | -- | Sample | = | 28.0 | = | 66.0 | 26 - lb/d | | | < | 2.0 | < | 2.0 | 19 - mg/L | 0 | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Permit Req. | <= | 12520.0 MX MO AV | <= | 18770.0 MX WK AV | 26 - lb/d | | | <= | 30.0 MX MO AV | <= | 45.0 MX WK AV | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00400 | **pH** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 7.1 | | | = | 7.8 | 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 | = | 83.0 | = | 99.0 | 26 - lb/d | | | < | 1.0 | = | 1.0 | 19 - mg/L | 0 | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Permit Req. | <= | 12520.0 MX MO AV | <= | 18770.0 MX WK AV | 26 - lb/d | | | <= | 30.0 MX MO AV | <= | 45.0 MX WK AV | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | **Solids, total suspended** | 1 - Effluent Gross | 1 | -- | Sample | | | = | 2586.0 | 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 | | | = | 2586.0 | 50 - lb/yr | | | | | | | | 0 | 01/30 - Monthly | CA - Calculated |
| | | | | | Permit Req. | | | <= | 4589026.0 CUM TOTL | 50 - lb/yr | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00600 | **Nitrogen, total [as N]** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 2.5 | | | 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 | 2 | -- | Sample | | | = | 11946.0 | 50 - lb/yr | | | | | | | | 0 | 01/30 - Monthly | CA - Calculated |
| | | | | | Permit Req. | | | <= | 610748.0 CUM TOTL | 50 - lb/yr | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00600 | **Nitrogen, total [as N]** | EG - Effluent Gross | 1 | -- | Sample | | | = | 11946.0 | 76 - lb/mo | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Permit Req. | | | | Req Mon MO TOTAL | 76 - lb/mo | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | 191.7 | | | 26 - lb/d | | | = | 1.2 | | | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |

| | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00605 | **Nitrogen, organic total [as N]** | 1 - Effluent Gross | 0 | -- | Permit Req. | | Req Mon MO LOAD | | | 26 - lb/d | | | | Req Mon MO AVG | | | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | **Nitrogen, ammonia total [as N]** | 1 - Effluent Gross | 1 | -- | Sample | = | 88.0 | | | 26 - lb/d | | | = | 0.6 | | | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Permit Req. | <= | 2130.0 MX MO AV | | | 26 - lb/d | | | <= | 5.1 MX MO AV | | | 19 - mg/L | 0 | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00630 | **Nitrite + Nitrate total [as N]** | 1 - Effluent Gross | 0 | -- | Sample | = | 106.0 | | | 26 - lb/d | | | = | 0.7 | | | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Permit Req. | | Req Mon MO LOAD | | | 26 - lb/d | | | | 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 | = | 7.0 | = | 11.0 | 26 - lb/d | | | < | 0.087 | < | 0.087 | 19 - mg/L | | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Permit Req. | <= | 83.0 MO AVG | <= | 125.0 WKLY AVG | 26 - lb/d | | | <= | 0.2 MO AVG | <= | 0.3 WKLY AVG | 19 - mg/L | 0 | 01/01 - Daily | 24 - 24 Hour Composite |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | **Phosphorus, total [as P]** | 1 - Effluent Gross | 1 | -- | Sample | | | = | 231.0 | 76 - lb/mo | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Permit Req. | | | | Req Mon TOTAL | 76 - lb/mo | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | **Phosphorus, total [as P]** | 1 - Effluent Gross | 2 | -- | Sample | | | = | 231.0 | 50 - lb/yr | | | | | | | | | 01/30 - Monthly | CA - Calculated |
| | | | | | Permit Req. | | | <= | 30363.0 CUM TOTL | 50 - lb/yr | | | | | | | | 0 | 01/30 - Monthly | CA - Calculated |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00722 | **Cyanide, free [amenable to chlorination]** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 5.5 | | | 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 | | | = | 0.0 | 26 - lb/d | | | < | 0.053 | | | 19 - mg/L | | 01/07 - Weekly | 24 - 24 Hour Composite |
| | | | | | Permit Req. | | | | Req Mon MO LOAD | 26 - lb/d | | | | Req Mon MO AVG | | | 19 - mg/L | | 01/07 - Weekly | 24 - 24 Hour Composite |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 39350 | **Chlordane [tech mix. and metabolites]** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | < | 0.5 | 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 | | | | | | | | | | | | | | | |
| 39390 | **Endrin** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | < | 0.02 | 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 | = | 18.5 | = | 18.9 | 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 | | | | | | | | | | = | 2.3 | 19 - mg/L | | 03/01 - Three Per Day | GR - Grab |
| | | | | | Permit Req. | | | | | | | | | | | Req Mon 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 | | 01/01 - Daily | GR - Grab |
| | | | | | Permit Req. | | | | | | | | | | <= | 126.0 MX MO GMN | 30 - MPN/100mL | 0 | 01/01 - Daily | GR - Grab |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 82220 | **Flow, total** | 1 - Effluent Gross | 0 | -- | Sample | | | = | 572.4 | 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 | | | | | | | | | | | | | | | |

***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***

*No errors.*

***Comments***

The Back River January 2026 cover letter, discharge monitoring report and monthly operations report are attachments with this submission.

***Attachments***

| Name | Type | Size |
|---|---|---|
| JANUARY_26_MOR.pdf | pdf | 4385968.0 |
| JANUARY_26_002_DMR.pdf | pdf | 1122103.0 |
| JANUARY_26_Cover_letter_signed.pdf | pdf | 273217.0 |

***Report Last Saved By***

***BACK RIVER WWTP***

User: rayford.mceachern@baltimorecity.gov

Name: Rayford McEachern

E-Mail: rayford.mceachern@baltimorecity.gov

| | |
|---|---|
| Date/Time: | 2026-02-26 17:49 (Time Zone: -05:00) |
| ***Report Last Signed By*** | |
| User: | rayford.mceachern@baltimorecity.gov |
| Name: | Rayford McEachern |
| E-Mail: | rayford.mceachern@baltimorecity.gov |
| Date/Time: | 2026-02-26 17:50 (Time Zone: -05:00) |