# DMR Copy of Record

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|---|---|---|---|---|---|
| ***Permit*** | | | | | |
| **Permit #:** | **CO0026638** | **Permittee:** | Metro Water Recovery | **Facility:** | ROBERT W HITE TREATMENT FACILITY |
| **Major:** | Yes | **Permittee Address:** | 6450 York St<br>Denver, CO 80229-7407 | **Facility Location:** | 6450 YORK ST<br>DENVER, CO 80229-7499 |
| **Permitted Feature:** | 001<br>External Outfall | **Discharge:** | **001-Z**<br>PFAS Monitoring | | |
| ***Report Dates & Status*** | | | | | |
| **Monitoring Period:** | **From 01/01/23 to 01/31/23** | **DMR Due Date:** | **02/28/23** | **Status:** | **NetDMR Validated** |
| ***Considerations for Form Completion*** | | | | | |
| ***Principal Executive Officer*** | | | | | |
| **First Name:** | | **Title:** | | **Telephone:** | |
| **Last Name:** | | | | | |
| ***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 | | | |
| 51521 | **Perfluorooctanoic Acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 5.8 | = | 5.9 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| X 51522 | **Perfluorobutanoic Acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | P - Laboratory Error or Invalid Test | | P - Laboratory Error or Invalid Test | | | | |
| 51525 | **Perfluorooctanesulfonamide** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51623 | **Perfluoropentanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 7.0 | = | 7.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51624 | **Perfluorohexanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 11.6 | = | 11.6 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51625 | **Perfluoroheptanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 2.2 | = | 2.2 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51626 | **Perfluorononanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51627 | **Perfluorodecanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51628 | **Perfluoroundecanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51629 | **Perfluorododecanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51630 | **Perfluorotridecanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51631 | **Perfluorotetradecanoic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51643 | **2-[N-ethylperfluorooctanesulfonamido] acetic acid** | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | | = | 5.0 | = | 5.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | Permit Req. | | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 51644 | **2-[N-methylperfluorooctanesulfonamido] acetic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 5.0 | < | 5.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52602 | **Perfluorobutanesulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | = | 5.9 | = | 8.5 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52603 | **Perfluorodecanesulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 1.7 | < | 1.7 | 3M - ng/L | 0 | 01/30 - Monthly | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52604 | **Perfluoroheptanesulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52605 | **Perfluorohexanesulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | = | 3.8 | = | 3.8 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52606 | **Perfluorooctanesulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | = | 3.3 | = | 3.9 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52607 | **4:2 Fluorotelomer sulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52608 | **6:2 Fluorotelomer sulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | = | 1.0 | = | 1.4 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52609 | **8:2 Fluorotelomer sulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 31.0 | < | 31.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52610 | **Perfluoropentane sulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 01/30 - Monthly | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52611 | **Perfluorononane sulfonic acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 2.0 | < | 2.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 52612 | **Hexafluoropropylene oxide dimer acid** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | < | 4.0 | < | 4.0 | 3M - ng/L | 0 | 02/30 - Twice Per Month | GR - GRAB |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | GR - GRAB |
| | | | | | **Value NODI** | | | | | | | | | | | | | | |
| 87006 | **PFAS Sum** | 1 - Effluent Gross | 0 | -- | **Sample** | | | | | | | = | 9.1 | = | 9.5 | 3M - ng/L | 0 | 02/30 - Twice Per Month | CA - CALCTD |
| | | | | | **Permit Req.** | | | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 3M - ng/L | | 01/30 - Monthly | CA - CALCTD |
| | | | | | **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 | | | | | |
| 51522 | Perfluorobutanoic Acid | 1 - Effluent Gross | All | Soft | EPA's NPDES national data system recognizes the selected No Data Indicator (NODI) code as a reporting violation. NPDES permittees are responsible for ensuring full compliance with their permits, the Clean Water Act, and state law. | Yes |

***Comments***

Perfluorobutanoic Acid NODI code P: Two samples were analyzed for Perfluorobutanoic Acid, and both were scratched due to laboratory QC errors. The laboratory used by Metro Water Recovery is able to analyze and quantify the PFAS at or below the associated PFAS QL as required per Part I. Section D.5.f of CO0026638 discharge permit. Due to the complexity of the matrix, some results for 8:2 FTS in this monitoring period were not analyzed at or below the PFAS QL. These results were included in the calculations and reported for the monitoring period.

***Attachments***

| Name | Type | Size |
|---|---|---|
| CO0026638_Jan_2023_Cover_Letter.pdf | pdf | 160900.0 |

***Report Last Saved By***

***Metro Water Recovery***

| | |
|---|---|
| User: | KatieLeach |
| Name: | Katie Leach |
| E-Mail: | kkoplitz@mwrd.dst.co.us |
| Date/Time: | 2023-02-28 16:50 (Time Zone: -07:00) |

| *Report Last Signed By* | |
|---|---|
| User: | KatieLeach |
| Name: | Katie Leach |
| E-Mail: | kkoplitz@mwrd.dst.co.us |
| Date/Time: | 2023-02-28 16:50 (Time Zone: -07:00) |