

DMR Copy of Record

Permit					
Permit #:	CO0026638	Permittee:	Metro Water Recovery	Facility:	ROBERT W HITE TREATMENT FACILITY
Major:	Yes	Permittee Address:	6450 York St Denver, CO 80229-7407	Facility Location:	6450 YORK ST DENVER, CO 80229-7499
Permitted Feature:	001 External Outfall	Discharge:	001-Z PFAS Monitoring		

Report Dates & Status					
Monitoring Period:	From 08/01/23 to 08/31/23	DMR Due Date:	09/28/23	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Jennifer	Title:	Director of Environmental Services	Telephone:	303-286-3340
Last Name:	Robinett				

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
51521	Perfluorooctanoic Acid	1 - Effluent Gross	0	--	Sample						=	9.94	=	9.94	3M - ng/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	3M - ng/L			
					Value NODI													
51522	Perfluorobutanoic Acid	1 - Effluent Gross	0	--	Sample						=	3.85	=	3.85	3M - ng/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	3M - ng/L			
					Value NODI													
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			
					Value NODI													
51623	Perfluoropentanoic acid	1 - Effluent Gross	0	--	Sample						=	14.92	=	14.92	3M - ng/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	3M - ng/L			
					Value NODI													
51624	Perfluorohexanoic acid	1 - Effluent Gross	0	--	Sample						=	15.78	=	15.78	3M - ng/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	3M - ng/L			
					Value NODI													
51625	Perfluoroheptanoic acid	1 - Effluent Gross	0	--	Sample						=	4.04	=	4.04	3M - ng/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	3M - ng/L			
					Value NODI													
51626	Perfluorononanoic acid	1 - Effluent Gross	0	--	Sample						=	0.58	=	0.58	3M - ng/L	0	02/30 - Twice Per Month	GR - GRAB
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	3M - ng/L			
					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			
					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			
					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			
					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			
					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			
					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			
					Value NODI													

51644	2-[N-methylperfluorooctanesulfonamido] acetic acid	1 - Effluent Gross	0	--	Sample	<	5.0	<	5.0	3M - ng/L	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	=	5.35	=	5.35	3M - ng/L	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	<	2.0	<	2.0	3M - ng/L	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							
52604	Perfluoroheptanesulfonic acid	1 - Effluent Gross	0	--	Sample	<	2.0	<	2.0	3M - ng/L	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	=	5.84	=	5.84	3M - ng/L	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	=	5.83	=	5.83	3M - ng/L	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	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	=	3.03	=	3.03	3M - ng/L	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	<	2.0	<	2.0	3M - ng/L	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	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							
52611	Perfluorononane sulfonic acid	1 - Effluent Gross	0	--	Sample	<	2.0	<	2.0	3M - ng/L	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	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	=	16.35	=	16.35	3M - ng/L	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

No errors.

Comments

Metro conducted two (2) sampling events for PFAS. Both events are reportable under EPA Method 537 (Mod) and DOD QSM 5.4. For one of the samples reports, the isotope dilution analyte recovery was below the recommended limit for PFPeA, PFUnA, PDoA, PFTDA, and PFHxS. The isotope dilution analyte recovery was also below the recommended limit for PFBA and PFDoA for the other sample analysis. In one sample, the transition mass ratio was above the established ratio limit for PFBS. Per Method EPA Method 537 (Mod) the data is reportable for compliance but must be qualified when reported.

Attachments

No attachments.

Report Last Saved By

Metro Water Recovery

User: KatieLeach
Name: Katie Leach
E-Mail: kkoplitz@mwr.dst.co.us
Date/Time: 2023-09-26 14:03 (Time Zone: -06:00)

Report Last Signed By

User: jrobinett@mwr.dst.co.us
Name: Jennifer Robinett

E-Mail:

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Date/Time:

2023-09-28 11:37 (Time Zone: -06:00)