

DMR Copy of Record

Permit					
Permit #:	OR0044687	Permittee:	NORTHWEST NATURAL	Facility:	NW NATURAL GAS SITE REMEDIATION
Major:	No	Permittee Address:	220 NW 2nd Ave Portland, OR 97209-3943	Facility Location:	7900 NW ST/ HELENS RD MULTNOMAH, OR 97210
Permitted Feature:	001 External Outfall	Discharge:	001-A Groundwater 001A		

Report Dates & Status					
Monitoring Period:	From 08/01/23 to 08/31/23	DMR Due Date:	09/15/23	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Kathryn	Title:	Vice President-Public Affairs	Telephone:	503-226-4211
Last Name:	Williams				

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
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.7			=	8.0	12 - SU	WH/DS - When Discharging	GR - GRAB
					Permit Req.					>=	6.5 DAILY MN			<=	8.5 DAILY MX	12 - SU	WH/DS - When Discharging	GR - GRAB
					Value NODI													
00720	Cyanide, total [as CN]	1 - Effluent Gross	0	--	Sample					=	130.0			=	140.0	28 - ug/L	WH/DS - When Discharging	CP - COMPOS
					Permit Req.					<=	510.0 MO AVG			<=	1000.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	CP - COMPOS
					Value NODI													
00980	Iron, total recoverable	1 - Effluent Gross	0	--	Sample					=	150.0			=	160.0	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	820.0 MO AVG			<=	1600.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample					=	0.14			=	0.43	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	5.0 MO AVG			<=	7.6 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample					=	0.0			<	1.0	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	15.0 MO AVG			<=	30.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
34247	Benzo[a]pyrene	1 - Effluent Gross	0	--	Sample					=	0.0			<	0.008	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
34403	Indeno[1,2,3-cd]pyrene	1 - Effluent Gross	0	--	Sample					=	0.0			<	0.008	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
34526	Benzo[a]anthracene	1 - Effluent Gross	0	--	Sample					=	0.0			<	0.008	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
34556	Dibenz[a,h]anthracene	1 - Effluent Gross	0	--	Sample					=	0.006			=	0.022	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	1.0 MO AVG			<=	1.0 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Value NODI													
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample					=	0.0013			=	0.0017	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					Permit Req.					<=	0.01 MO AVG			<=	0.02 DAILY MX	28 - ug/L	WH/DS - When Discharging	24 - COMP24
					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

Attachments

Name	Type	Size
------	------	------

2023-09-15Aug2023DMRcoverletter.pdf	pdf	165046.0
August2023DMR-Final.xlsx	xlsx	32786.0

Report Last Saved By

NORTHWEST NATURAL

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2023-09-15 10:14 (Time Zone: -07:00)

Report Last Signed By

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2023-09-15 10:14 (Time Zone: -07:00)

NW Natural Source Control Treatment Plant																							
Monthly Effluent Sampling Report Data																							
Permit Number		103061																					
File Number		120589																					
Report Due Date		09/15/23																					
Sampling Period		08/01/23 thru 08/31/23																					
Date	Total Flow	pH	Average Daily Temp	Maximum Daily Temp	Max Temp 7 day Moving Average	Total Cyanide		Benzo(a) anthracene		Benzo(a) pyrene		Dibenzo(a,h) anthracene		Indeno(1,2,3-cd) pyrene		Copper		Iron		Lead		Mercury	
	Gals/Day	S.U.	deg F	deg F	deg F	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L	ug/L	QL, ug/L
1-Aug-2023	309611		63.1	66.0	65.1																		
2-Aug-2023	299983		63.2	66.0	65.3																		
3-Aug-2023	288620		63.5	66.0	65.4																		
4-Aug-2023	281268		63.5	66.0	65.6																		
5-Aug-2023	278180		63.8	65.0	65.6																		
6-Aug-2023	276461		63.6	65.0	65.6																		
7-Aug-2023	275736	7.8	63.6	66.0	65.7	140	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	150	50	<0.11	0.20	0.0011	0.0010
8-Aug-2023	270116		63.7	66.0	65.7																		
9-Aug-2023	270532		63.7	65.0	65.6																		
10-Aug-2023	265517		63.3	65.0	65.4																		
11-Aug-2023	265063		63.3	66.0	65.4																		
12-Aug-2023	266827		63.9	66.0	65.6																		
13-Aug-2023	264755		64.9	68.0	66.0																		
14-Aug-2023	262862	7.7	66.5	69.0	66.4	120	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	150	50	<0.11	0.20	0.0010 J	0.0010
15-Aug-2023	263656		66.6	69.0	66.9																		
16-Aug-2023	261945		66.3	69.0	67.4																		
17-Aug-2023	267453		65.4	68.0	67.9																		
18-Aug-2023	264013		64.0	66.0	67.9																		
19-Aug-2023	269696		63.2	65.0	67.7																		
20-Aug-2023	265514		63.6	66.0	67.4																		
21-Aug-2023	271782	7.9	63.2	65.0	66.9	120	25	<0.008	0.016	<0.008	0.016	0.022	0.016	<0.008	0.016	<1.0	2.0	150	50	0.43	0.20	0.0011	0.0010
22-Aug-2023	265975		62.5	65.0	66.3																		
23-Aug-2023	266588	8.0	62.5	64.0	65.6																		
24-Aug-2023	262503		62.9	66.0	65.3																		
25-Aug-2023	262913		64.5	67.0	65.4																		
26-Aug-2023	271342		64.8	67.0	65.7																		
27-Aug-2023	280767		64.3	67.0	65.9																		
28-Aug-2023	281161	7.9	62.7	65.0	65.9	120	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.0156	<1.0	2.0	160	50	0.12 J	0.20	0.0017	0.0010
29-Aug-2023	249511		62.2	64.0	65.7																		
30-Aug-2023	259325		62.7	64.0	65.7																		
31-Aug-2023	277265		62.1	64.0	65.4																		
Daily Minimum	249,511	7.7	62.1			120		<0.008		<0.008		<0.008		<0.008		<1.0		150		<0.11		0.0010	
Monthly Average	271,514	7.9	63.8			130		0.0		0.0		0.006		0.0		0.0		150		0.14		0.0013	
Daily Maximum	309,611	8.0	66.6	69.0		140		<0.008		<0.008		0.022		<0.008		<1.0		160		0.43		0.0017	
Limits																							
Monthly Average		6.5--8.5				510	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	15	10	820	100	3.8	5	0.010	0.005
Daily Maximum		6.5--8.5				1,000	5.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	30	10	1,600	100	7.6	5	0.020	0.005
7-Day Moving Average of Daily Maximum					66.0																		
Maximum Value of 7-Day Moving Average					67.9																		

J = Estimated Result. Result detected below the lowest point of the calibration curve, but above the specified MDL.