

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 05/01/23 to 05/31/23	DMR Due Date:	06/15/23	Status:	NetDMR Validated

Considerations for Form Completion

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

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			=	8.1	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					=	100.0			=	130.0	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					=	120.0			=	130.0	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					=	0.0			<	0.11	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					=	0.002			<	0.012	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					=	0.0044			=	0.0075	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
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2023-06-15May2023DMRCoverLetter.pdf	pdf	163244.0
May2023DMR-Final.xlsx	xlsx	23571.0

Report Last Saved By

NORTHWEST NATURAL

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2023-06-15 08:36 (Time Zone: -07:00)

Report Last Signed By

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2023-06-15 08:36 (Time Zone: -07:00)

NW Natural Source Control Treatment Plant

Monthly Effluent Sampling Report Data

Permit Number 103061

File Number 120589

Report Due Date 06/15/23

Sampling Period 05/01/23 thru 05/31/23

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-May-2023	306708	8.1	59.8	61.0	62.7	72	25	<0.008	0.016	<0.008	0.016	0.012 J	0.016	<0.008	0.016	<1.0	2.0	130	50	<0.11	0.20	0.0016	0.0010
2-May-2023	309381		60.0	61.0	62.7																		
3-May-2023	305315		60.3	63.0	62.9																		
4-May-2023	318998		59.9	62.0	62.7																		
5-May-2023	329020		59.2	61.0	62.1																		
6-May-2023	328513		59.4	60.0	61.6																		
7-May-2023	309080		59.6	61.0	61.3																		
8-May-2023	328318	7.7	59.6	61.0	61.3	99	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	100	50	<0.11	0.20	0.0026	0.0010
9-May-2023	353354		59.2	61.0	61.3																		
10-May-2023	341500		60.3	62.0	61.1																		
11-May-2023	328668		60.7	63.0	61.3																		
12-May-2023	345628		61.6	65.0	61.9																		
13-May-2023	689948		61.9	65.0	62.6																		
14-May-2023	330569		63.1	65.0	63.1																		
15-May-2023	334503		63.2	66.0	63.9	100	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	100	50	<0.11	0.20	0.0031	0.0010
16-May-2023	302701	7.8	62.6	65.0	64.4																		
17-May-2023	304968		63.3	66.0	65.0																		
18-May-2023	299600		63.2	65.0	65.3																		
19-May-2023	304194		62.5	65.0	65.3																		
20-May-2023	311551		62.6	65.0	65.3																		
21-May-2023	335392		61.3	63.0	65.0																		
22-May-2023	329210	8.1	59.6	61.0	64.3	130	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	130	50	<0.11	0.20	0.0072	0.0010
23-May-2023	342138		59.8	61.0	63.7																		
24-May-2023	361989	7.8	60.2	62.0	63.1																		
25-May-2023	360638		61.2	64.0	63.0																		
26-May-2023	359130		61.9	64.0	62.9																		
27-May-2023	363457		61.3	63.0	62.6																		
28-May-2023	355342		60.7	62.0	62.4																		
29-May-2023	353498		61.1	63.0	62.7																		
30-May-2023	346732	7.9	60.5	62.0	62.9	110	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	130	50	<0.11	0.20	0.0075	0.0010
31-May-2023	359058		60.3	61.0	62.7																		
Daily Minimum	299,600	7.7	59.2			72		<0.008		<0.008		<0.008		<0.008		<1.0		100		<0.11		0.0016	
Monthly Average	343,519	7.9	61.0			100		0.0		0.0		0.002		0.0		0.0		120		0.0		0.0044	
Daily Maximum	689,948	8.1	63.3	66.0		130		<0.008		<0.008		0.012		<0.008		<1.0		130		<0.11		0.0075	
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					63.0																		
Maximum Value of 7-Day Moving Average					65.3																		

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