

NW Natural Source Control Treatment Plant
 Monthly Effluent Sampling Report Data
 Permit Number 103061
 File Number 120589
 Report Due Date 08/15/23
 Sampling Period 07/01/23 thru 07/31/23

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-Jul-2023	305643		62.5	65.0	64.6																		
2-Jul-2023	309473		62.8	65.0	64.7																		
3-Jul-2023	300148	7.8	62.9	65.0	64.9	85	25	<0.008	0.017	<0.008	0.017	<0.008	0.017	<0.008	0.017	<1.0	2.0	110	50	<0.11	0.20	<0.0005	0.0010
4-Jul-2023	309101		63.5	66.0	65.1																		
5-Jul-2023	302231		64.1	66.0	65.3																		
6-Jul-2023	279230		65.4	90.0	68.9																		
7-Jul-2023	289239		63.0	65.0	68.9																		
8-Jul-2023	289685		62.3	64.0	68.7																		
9-Jul-2023	289672		62.7	65.0	68.7																		
10-Jul-2023	296283	7.7	62.1	65.0	68.7	99	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	120	50	<0.11	0.20	0.0006 J	0.0010
11-Jul-2023	315898		62.3	65.0	68.6																		
12-Jul-2023	300881		63.0	65.0	68.4																		
13-Jul-2023	307887		63.2	65.0	64.9																		
14-Jul-2023	306510		63.9	67.0	65.1																		
15-Jul-2023	301976		64.4	67.0	65.6																		
16-Jul-2023	303891		64.1	66.0	65.7																		
17-Jul-2023	302280	7.9	63.2	66.0	65.9	110	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	0.0013	0.0010
18-Jul-2023	298653		63.0	65.0	65.9																		
19-Jul-2023	296674		64.2	67.0	66.1																		
20-Jul-2023	290507		64.5	67.0	66.4																		
21-Jul-2023	296768		63.5	66.0	66.3																		
22-Jul-2023	299058		63.8	66.0	66.1																		
23-Jul-2023	299698		63.8	66.0	66.1																		
24-Jul-2023	291331	7.9	63.0	66.0	66.1	130	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
25-Jul-2023	304931		62.8	64.0	66.0																		
26-Jul-2023	296033		62.8	65.0	65.7																		
27-Jul-2023	292304		63.3	65.0	65.4																		
28-Jul-2023	307056		62.9	65.0	65.3																		
29-Jul-2023	310538		62.9	65.0	65.1																		
30-Jul-2023	311631		62.8	65.0	65.0																		
31-Jul-2023	310136	7.7	62.8	65.0	64.9	120	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	150	50	0.17 J	0.20	0.0009 J	0.0010
Daily Minimum	279,230	7.7	62.1			85		<0.008		<0.008		<0.008		<0.008		<1.0		110		<0.11		<0.0005	
Monthly Average	300,495	7.8	63.3			110		0.0		0.0		0.0		0.0		0.0		140		0.03		0.0008	
Daily Maximum	315,898	7.9	65.4	90.0		130		<0.008		<0.008		<0.008		<0.008		<1.0		150		0.17		0.0013	
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					66.2																		
Maximum Value of 7-Day Moving Average					68.9																		

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

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 07/01/23 to 07/31/23	DMR Due Date:	08/15/23	Status:	NetDMR Validated

Considerations for Form Completion					
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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			=	7.9	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					=	110.0			=	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					=	140.0			=	150.0	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					=	0.03			=	0.17	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					=	0.0			<	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													
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample					=	0.0008			=	0.0013	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

2023-08-15July2023DMRCoverLetter.pdf	pdf	148813.0
July2023DMRFinal.xlsx	xlsx	33498.0

Report Last Saved By

NORTHWEST NATURAL

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2023-08-15 10:05 (Time Zone: -07:00)

Report Last Signed By

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Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2023-08-15 10:05 (Time Zone: -07:00)