

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 06/01/23 to 06/30/23</b>	<b>DMR Due Date:</b>	<b>07/15/23</b>	<b>Status:</b>	<b>NetDMR Validated</b>

**Considerations for Form Completion**

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

**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				Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.8				=	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						=	120.0				=	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						=	160.0				=	180.0	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						=	0.002				<	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						=	0.0071				=	0.0141	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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2023-07-14June2023DMRCoverLetter.pdf	pdf	164311.0
2023-07-142ndQuarter2023TransmittalLetter.pdf	pdf	182609.0
June2023DMR-Final.xlsx	xlsx	32907.0
2ndQtr-2023EffCharacterization-PrilimVal.xlsx	xlsx	45146.0

**Report Last Saved By**

**NORTHWEST NATURAL**

User: JENAMOTT  
Name: Jennifer Mott  
E-Mail: jmott@anchorqea.com  
Date/Time: 2023-07-14 08:59 (Time Zone: -07:00)

**Report Last Signed By**

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

NW Natural Source Control Treatment Plant  
 Monthly Effluent Sampling Report Data  
 Permit Number 103061  
 File Number 120589  
 Report Due Date 15-Jul-23  
 Sampling Period 06/1/23 thru 06/30/23

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-Jun-2023	341080		60.3	62.0	62.4																			
2-Jun-2023	340498		60.9	63.0	62.3																			
3-Jun-2023	329738		61.2	63.0	62.3																			
4-Jun-2023	326129		61.2	63.0	62.4																			
5-Jun-2023	302220	8.0	61.5	63.0	62.4	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	0.0141	0.0010	
6-Jun-2023	274207		62.4	66.0	63.0																			
7-Jun-2023	277931		64.0	66.0	63.7																			
8-Jun-2023	254819		63.1	66.0	64.3																			
9-Jun-2023	295000		61.1	63.0	64.3																			
10-Jun-2023	295704		60.9	63.0	64.3																			
11-Jun-2023	318087		61.6	64.0	64.4																			
12-Jun-2023	317960	7.8	62.7	65.0	64.7	120	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	160	50	<0.11	0.20	0.0110	0.0010	
13-Jun-2023	324625		62.4	65.0	64.6																			
14-Jun-2023	315155		61.1	62.0	64.0																			
15-Jun-2023	303865		60.7	63.0	63.6																			
16-Jun-2023	313342		61.7	63.0	63.6																			
17-Jun-2023	316390		61.2	63.0	63.6																			
18-Jun-2023	318154		60.2	61.0	63.1																			
19-Jun-2023	321904	8.0	59.6	61.0	62.6	110	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	0.008 J	0.016	<1.0	2.0	180	50	<0.11	0.20	0.0026	0.0010	
20-Jun-2023	308309		59.8	61.0	62.0																			
21-Jun-2023	318538		60.7	63.0	62.1																			
22-Jun-2023	317510		62.1	64.0	62.3																			
23-Jun-2023	303503		62.8	64.0	62.4																			
24-Jun-2023	305015		61.8	64.0	62.6																			
25-Jun-2023	306996		62.2	64.0	63.0																			
26-Jun-2023	310547	8.1	62.3	64.0	63.4	110	25	<0.008	0.016	<0.008	0.016	<0.008	0.016	<0.008	0.016	<1.0	2.0	140	50	<0.11	0.20	0.0005 J	0.0010	
27-Jun-2023	307426		62.3	64.0	63.9																			
28-Jun-2023	309293		62.8	65.0	64.1																			
29-Jun-2023	305226		63.0	65.0	64.3																			
30-Jun-2023	312482		63.4	65.0	64.4																			
Daily Minimum	254,819	7.8	59.6			110		<0.008		<0.008		<0.008		<0.008		<1.0		140		<0.11		0.0005		
Monthly Average	309,722	8.0	61.7			120		0.0		0.0		0.0		0.002		0.0		160		0.0		0.0071		
Daily Maximum	341,080	8.1	64.0	66.0		130		<0.008		<0.008		<0.008		0.008		<1.0		180		<0.11		0.0141		
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					63.3																			
Maximum Value of 7-Day Moving Average					64.7																			

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