

July 15, 2020

Mr. Randall Bailey
Oregon Department of Environmental Quality
Northwest Region
700 NE Multnomah St., Suite 600
Portland, Oregon 97232

**Re: June 2020 Discharge Monitoring Report
NW Natural Source Control Groundwater Treatment Facility
7900 NW St. Helens Road, Portland
NPDES Permit Number 103061 (permit renewal pending with DEQ)**

Dear Mr. Bailey:

Attached please find the electronic Discharge Monitoring Report, as well as a detailed summary of June 2020 effluent data, from the NW Natural Source Control Groundwater Treatment Facility for the period June 1 -June 30, 2020.

All samples were taken by Severson Environmental Services (SES) at the designated monitoring point. Any internal process samples taken by SES for process operation, but not taken at the designated monitoring point, are not reported.

All NPDES parameter limits were met for the month of June.

We are submitting this June DMR through the electronic NetDMR system. As required, all of the detailed laboratory reports and other data that are summarized in the NetDMR will be retained on site in electronic and hard copy by SES, the Facility operator.

I certify under penalty of law that this document and all documents were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violation.



250 SW Taylor Street
Portland, OR 97204

503-226-4211
nwnatural.com

If you have any questions about this package, please contact Terry Driscoll at Aponowich, Driscoll & Associates, Inc., at (404) 641-8107, tpdriscoll@mindspring.com.

Very truly yours,

A handwritten signature in black ink that reads 'Kathryn Williams'.

Kathryn Williams
Vice President of Public Affairs
NW Natural

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 06/01/20 to 06/30/20	DMR Due Date:	07/15/20	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	Qualifier 1	Value 1	Qualifier 2	Value 2				Qualifier 3	Value 3	Units
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.5			=	7.6	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					=	170.0			=	190.0	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			=	170.0	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			<	0.1	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			<	0.02	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			<	0.02	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			<	0.02	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			<	0.02	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			=	0.0011	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
------	------	------

June2020DMRFinal.xlsx	xlsx	27148.0
2020-07-15June2020DMRCoverLetter.pdf	pdf	162434.0

Report Last Saved By

NORTHWEST NATURAL

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2020-07-15 11:09 (Time Zone: -07:00)

Report Last Signed By

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2020-07-15 11:09 (Time Zone: -07:00)

NW Natural Source Control Treatment Plant

Monthly Effluent Sampling Report Data

Permit Number 103061

File Number 120589

Report Due Date 06/15/20

Sampling Period 06/01/2020 thru 06/30/2020

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-2020	268862		60.7	62.0	63.0	190	25	<0.019	0.039	<0.019	0.039	<0.019	0.039	<0.019	0.039	<1.0	2.0	130	50	<0.10	0.20	0.0007	0.0005	
2-Jun-2020	261886		61.0	63.0	62.9																			
3-Jun-2020	262674		61.2	63.0	63.3																			
4-Jun-2020	261126		61.2	63.0	63.0																			
5-Jun-2020	257969		61.3	62.0	62.6																			
6-Jun-2020	258505		60.2	61.0	62.1																			
7-Jun-2020	282343	7.5	59.8	61.0	62.1																			
8-Jun-2020	282679		60.2	61.0	62.0	180	25	<0.020	0.039	<0.020	0.039	<0.020	0.039	<0.020	0.039	<1.0	2.0	130	50	<0.10	0.20	0.0007	0.0005	
9-Jun-2020	281434		60.2	61.0	61.7																			
10-Jun-2020	251286		61.4	63.0	61.7																			
11-Jun-2020	272561		61.8	63.0	61.7																			
12-Jun-2020	264452		60.9	63.0	61.9																			
13-Jun-2020	264943		60.2	61.0	61.9																			
14-Jun-2020	260552	7.5	60.5	62.0	62.0																			
15-Jun-2020	267232		61.0	61.0	62.0	170	25	<0.020	0.040	<0.020	0.040	<0.020	0.040	<0.020	0.040	<1.0	2.0	150	50	<0.10	0.20	0.0009	0.0005	
16-Jun-2020	271641		60.5	61.0	62.0																			
17-Jun-2020	263630		60.9	62.0	61.9																			
18-Jun-2020	256289		61.9	63.0	61.9																			
19-Jun-2020	259750		62.5	64.0	62.0																			
20-Jun-2020	270033		62.3	64.0	62.4																			
21-Jun-2020	267843	7.5	61.8	63.0	62.6																			
22-Jun-2020	268985		62.0	64.0	63.0	160	25	<0.019	0.038	<0.019	0.038	<0.019	0.038	<0.019	0.038	<1.0	2.0	170	50	<0.10	0.20	0.0005	0.0005	
23-Jun-2020	260384		63.3	66.0	63.7																			
24-Jun-2020	268303		63.5	66.0	64.3																			
25-Jun-2020	277290		62.4	64.0	64.4																			
26-Jun-2020	262781		63.2	65.0	64.6																			
27-Jun-2020	275758		62.5	64.0	64.6																			
28-Jun-2020	272510	7.6	61.3	62.0	64.4																			
29-Jun-2020	272980		61.4	62.0	64.1	170	25	<0.019	0.038	<0.019	0.038	<0.019	0.038	<0.019	0.038	<1.0	2.0	140	50	<0.10	0.20	0.0011	0.0005	
30-Jun-2020	264277		61.5	62.0	63.6																			
Daily Minimum	251,286	7.5	59.8			160		<0.019		<0.019		<0.019		<0.019		<1.0		130		<0.10		0.0005		
Monthly Average	267,032	7.5	61.4			170		0.0		0.0		0.0		0.0		0.0		140		0.0		0.0008		
Daily Maximum	282,679	7.6	63.5	66.0		190		<0.020		<0.020		<0.020		<0.020		<1.0		170		<0.10		0.0011		
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					62.8																			
Maximum Value of 7-Day Moving Average					64.6																			