

September 15, 2020

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

**Re: August 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 August 2020 effluent data, from the NW Natural Source Control Groundwater Treatment Facility for the period August 1 -August 31, 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 August.

We are submitting this August 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, Public Affairs and Sustainability
NW Natural

NW Natural Source Control Treatment Plant

Monthly Effluent Sampling Report Data

Permit Number 103061

File Number 120589

Report Due Date 09/15/20

Sampling Period 08/01/20 thru 08/31/20

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-c-d) 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-2020	295343		62.3	64.0	65.0																			
2-Aug-2020	304169	7.4	62.5	64.0	64.9																			
3-Aug-2020	295508		62.6	64.0	64.7	170	25	<0.019	0.038	<0.019	0.038	<0.019	0.038	<0.019	0.038	<1.0	2.0	120	50	<0.50	1.00	0.0009	0.0010	
4-Aug-2020	304196		62.7	64.0	64.6																			
5-Aug-2020	288902		63.3	65.0	64.6																			
6-Aug-2020	301341		62.0	64.0	64.4																			
7-Aug-2020	305585		61.3	63.0	64.0																			
8-Aug-2020	305459		61.7	63.0	63.9																			
9-Aug-2020	312636	7.7	61.6	63.0	63.7																			
10-Aug-2020	313131		62.5	64.0	63.7	160	25	<0.020	0.040	<0.020	0.040	<0.020	0.040	<0.020	0.040	<1.0	2.0	160	50	<0.10	0.20	0.0013	0.0010	
11-Aug-2020	294767	7.6	61.8	64.0	63.7																			
12-Aug-2020	316202		61.7	64.0	63.6																			
13-Aug-2020	298805		61.3	63.0	63.4																			
14-Aug-2020	327464		61.9	64.0	63.6																			
15-Aug-2020	307562		62.8	65.0	63.9																			
16-Aug-2020	301708		63.2	65.0	64.1																			
17-Aug-2020	283950		63.0	65.0	64.3																			
18-Aug-2020	290059		63.0	65.0	64.4																			
19-Aug-2020	303008	7.3	62.9	65.0	64.6																			
20-Aug-2020	292697		62.6	64.0	64.7	140	25	<0.020	0.039	<0.020	0.039	<0.020	0.039	<0.020	0.039	<1.0	2.0	110	50	<0.10	0.20	0.0011	0.0010	
21-Aug-2020	292118		62.5	64.0	64.7																			
22-Aug-2020	293607		61.8	63.0	64.4																			
23-Aug-2020	305674	7.4	62.0	63.0	64.1																			
24-Aug-2020	305881		61.7	63.0	63.9	160	25	<0.019	0.038	<0.019	0.038	<0.019	0.038	<0.019	0.038	<1.0	2.0	110	50	<0.10	0.20	0.0007	0.0010	
25-Aug-2020	312709		61.7	63.0	63.6																			
26-Aug-2020	311453		61.7	63.0	63.3																			
27-Aug-2020	311085		61.7	63.0	63.1																			
28-Aug-2020	309570		61.7	63.0	63.0																			
29-Aug-2020	306867		61.6	63.0	63.0																			
30-Aug-2020	312779	7.4	60.9	62.0	62.9																			
31-Aug-2020	307929		61.0	62.0	62.7	120	25	<0.019	0.038	<0.019	0.038	<0.019	0.038	<0.019	0.038	1.3	2.0	120	50	0.16	0.20	0.0008	0.0010	
Daily Minimum	283,950	7.3	60.9			120		<0.019		<0.019		<0.019		<0.019		<1.0		110		<0.10		0.0007		
Monthly Average	303,612	7.5	62.1			150		0.0		0.0		0.0		0.0		0.3		120		0.03		0.0010		
Daily Maximum	327,464	7.7	63.3	65.0		170		<0.020		<0.020		<0.020		<0.020		1.3		160		0.16		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					63.9																			
Maximum Value of 7-Day Moving Average					65.0																			

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 08/01/20 to 08/31/20	DMR Due Date:	09/15/20	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	Units	Qualifier 1	Value 1	Qualifier 2				Value 2	Qualifier 3	Value 3
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.3			=	7.7	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					=	150.0			=	170.0	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			=	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					=	0.03			=	0.16	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					=	0.3			=	1.3	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					=	0.001			=	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
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August2020DMR-Final.xlsx	xlsx	26594.0
2020-09-15August2020DMRCoverLetter.pdf	pdf	155488.0

Report Last Saved By

NORTHWEST NATURAL

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2020-09-15 08:49 (Time Zone: -07:00)

Report Last Signed By

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