

May 15, 2020

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

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

We are submitting this April 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.

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,



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 04/01/20 to 04/30/20	DMR Due Date:	05/15/20	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	Units
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.3				=	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					=	160.0				=	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				=	120.0	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					=	0.0007				=	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

2020-05-15April2020Coverletter.pdf	pdf	156800.0
April2020DMRFinal.xls	xls	53760.0

Report Last Saved By
NORTHWEST NATURAL

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2020-05-15 09:55 (Time Zone: -07:00)

Report Last Signed By

User: JENAMOTT
Name: Jennifer Mott
E-Mail: jmott@anchorqea.com
Date/Time: 2020-05-15 09:57 (Time Zone: -07:00)

NW Natural Source Control Treatment Plant
 Monthly Effluent Sampling Report Data
 Permit Number 103061
 File Number 120589
 Report Due Date 05/15/20
 Sampling Period 04/01/2020 thru 04/30/2020

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-Apr-2020	298226		57.6	59.0	59.0																			
2-Apr-2020	291131		57.6	58.0	58.9																			
3-Apr-2020	308670		57.5	58.0	58.9																			
4-Apr-2020	308234		57.7	59.0	58.9																			
5-Apr-2020	310694	7.6	58.4	60.0	58.9																			
6-Apr-2020	308026		58.8	60.0	59.0	170	25	<0.019	0.039	<0.019	0.039	<0.019	0.039	<0.019	0.039	<1.0	2.0	110	50	<0.10	0.20	0.0005	0.0010	
7-Apr-2020	312390		58.9	60.0	59.1																			
8-Apr-2020	313970		59.0	61.0	59.4																			
9-Apr-2020	313698		59.8	62.0	60.0																			
10-Apr-2020	309582		60.0	61.0	60.4																			
11-Apr-2020	307377		59.6	61.0	60.7																			
12-Apr-2020	319629	7.5	59.1	60.0	60.7																			
13-Apr-2020	318039		59.0	60.0	60.7	160	5.0	<0.019	0.038	<0.019	0.038	<0.019	0.038	<0.019	0.038	<1.0	2.0	120	50	<0.10	0.20	0.0006	0.0010	
14-Apr-2020	317295		59.3	61.0	60.9																			
15-Apr-2020	312113		59.7	61.0	60.9																			
16-Apr-2020	311770		59.8	61.0	60.7																			
17-Apr-2020	301000		59.7	61.0	60.7																			
18-Apr-2020	300101		59.5	61.0	60.7																			
19-Apr-2020	301248	7.6	59.2	61.0	60.9																			
20-Apr-2020	299601		59.5	61.0	61.0	160	10	<0.019	0.039	<0.019	0.039	<0.019	0.039	<0.019	0.039	<1.0	2.0	120	50	<0.10	0.20	0.0006	0.0010	
21-Apr-2020	297682		59.6	61.0	61.0																			
22-Apr-2020	157465		59.5	60.0	60.9																			
23-Apr-2020	299310		59.4	60.0	60.7																			
24-Apr-2020	283317		59.4	60.0	60.6																			
25-Apr-2020	289507		60.2	61.0	60.6																			
26-Apr-2020	289082	7.3	59.8	61.0	60.6																			
27-Apr-2020	282427		60.0	61.0	60.6	160	25	<0.020	0.040	<0.020	0.040	<0.020	0.040	<0.020	0.040	<1.0	2.0	110	50	<0.10	0.20	0.0011	0.0010	
28-Apr-2020	279450		60.1	62.0	60.7																			
29-Apr-2020	263133		60.9	62.0	61.0																			
30-Apr-2020	275819		60.4	62.0	61.3																			
Daily Minimum	157465	7.3	57.5			160		<0.019		<0.019		<0.019		<0.019		<1.0		110		<0.10		0.0005		
Monthly Average	296000	7.5	59.3			160		0.0		0.0		0.0		0.0		0.0		120		0.0		0.0007		
Daily Maximum	319629	7.6	60.9	62.0		170		<0.020		<0.020		<0.020		<0.020		<1.0		120		<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					60.3																			
Maximum Value of 7-Day Moving Average					61.3																			