CH2MHILL • BWXT West Valley, LLC

Ms. Bridget M. Purdy, Contracting Officer U. S. Department of Energy West Valley Demonstration Project 10282 Rock Springs Road West Valley, New York 14171-9799

AC-PRES WD:2017:1265 December 4, 2017

SUBJECT:

Contract No. DE-EM0001529, Section J-3, Item 127, State Pollutant Discharge Elimination System

(SPDES) Discharge Monitoring Report (DMR)

Dear Ms. Purdy:

This letter is submitted for Contracting Officer Representative's approval to inform you that the SPDES DMR for the reporting period November 1 through November 30, 2017 has been submitted electronically. A copy of this submittal is attached as well as a copy of the email confirmation from the New York State Department of Environmental Conservation (NYSDEC).

If you have any questions, please contact William Kean at extension 4865 or Janice Williams at extension 2913.

Sincerely,

Jeffrey D. Bradford

President & General Manager

JDB:WNK:bnj

Attachments:

A) SPDES DMR for November 1 – November 30, 2017

B) Email Confirmation from NYSDEC

cc:

B. C. Bower, DOE-WVDP

S. A. Anderson, CHBWV

J. J. Baker, CHBWV

J. L. Casper, CHBWV

C. Dayton, CHBWV (Public Reading Room)

N. Feher, CHBWV

L. K. Hollfelder, CHBWV

W. N. Kean, CHBWV

C. B. Lee, CHBWV

L. J. Ortega, CHBWV

D. H. Pritchard, CHBWV

J. E. Wangelin, CHBWV

J. D. Williams, CHBWV

Letter Log (B. Jeffery), CHBWV

CHBWV OITS #1630323

Attachment A SPDES DMR

Permit Permit #:

Major:

NY0000973

Yes

001

External Outfall

Permittee: U.S. DEPT OF ENERGY

Permittee Address: 1000 INDEPENDENCE AVE SW

WASHINGTON, DC 20585

Discharge: 001-M

OUTFALL 001 MONTHLY PROC WW, GW, STORM

Report Dates & Status

Permitted Feature:

DMR Due Date: From 11/01/17 to 11/30/17 12/28/17 **Monitoring Period:**

Status:

Facility:

Facility Location:

NetDMR Validated

10282 ROCK SPRINGS ROAD

WEST VALLEY, NY 14171-9799

WEST VALLEY DEMONSTRATION PROJ

Principal Executive Officer

Bryan C. First Name:

Considerations for Form Completion

Last Name: Bower Title: Director, USDOE-WVDP Telephone: 716-942-4368

No Data Indicator (NODI)

Form NODI:

Parameter	Monitoring Location	Season # I	Param. NODI				uantity or Load					Qua	ality or Concentr				of Ex. Frequency of Analysis Sample Typ
Code Name				Q	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	3 Value 3	Units	
				Sample													
0154 Sulfate [as S]	1 - Effluent Gross	0 -	- Pe	ermit Req.								F	eq Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP24
			Va	alue NODI								C	- No Discharge		C - No Discharge		
				Sample													
81 Oxygen demand, ultimate 1 - Effluent Gross	1 - Effluent Gross	0 -	- Pe	ermit Req.								F	eq Mon MO AVG	<=	22 DAILY MX	19 - mg/L	02/BA - Twice Per Batch CA - CALCT
			Va	alue NODI								C	- No Discharge		C - No Discharge		
				Sample													
0300 Oxygen, dissolved [DO]	1 - Effluent Gross	0 -	- Pe	ermit Req.						>=	3 MINIMUM				Req Mon MAXIMUM	19 - mg/L	02/BA - Twice Per Batch GR - GRAB
			Va	alue NODI							C - No Discharge				C - No Discharge		
				Sample													
0310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0 -	- Pe	ermit Req.								F	eq Mon MO AVG	<=	10 DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - COMP2
			Va	alue NODI								C	- No Discharge		C - No Discharge		
				Sample													
0400 pH	1 - Effluent Gross	0 -	- Pe	ermit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	01/BA - Once Per Batch GR - GRAB
			Va	alue NODI							C - No Discharge				C - No Discharge		
				Sample													
00530 Solids, total suspended	1 - Effluent Gross	0 -	- Pe	ermit Req.								<= 3	0 MO AVG	<=	45 DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - COMP2
·			Va	alue NODI								C	- No Discharge		C - No Discharge	, i	
				Sample													
00545 Solids, settleable	1 - Effluent Gross	0		ermit Req.								F	eq Mon MO AVO	<=	.3 DAILY MX	25 - mL/L	02/BA - Twice Per Batch GR - GRAB
				alue NODI									- No Discharge		C - No Discharge		
				Sample											, , , , , , , , , , , , , , , , , , ,		
9556 Oil & Grease 1 - Effluent Gross	1 - Effluent Gross	0		ermit Req.								F	eq Mon MO AVG	<=	15 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - GRAB
				alue NODI									- No Discharge		C - No Discharge	g/2	oving the parent of the parent
				Sample									110 2.00a.go		o no biochargo		
00615 Nitrogen, nitrite total [as N]	1 - Effluent Gross	0		ermit Req.								F	eg Mon MO AVG	<=	.1 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP2
ratiogen, mine total [as 14]	I Lindon Grood			alue NODI									- No Discharge		C - No Discharge	10 mg/L	OT/BIT Office For Battom 21 Column 2
				Sample									140 Discharge		O No Discharge		
00620 Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	_	ermit Req.									eq Mon MO AVG		Reg Mon DAILY MX	10 - mg/l	01/BA - Once Per Batch 24 - COMP2
50020 Millogen, milate total [as N]	1 - Lilident Oloss			alue NODI									: - No Discharge		C - No Discharge	19 - 111g/L	OT/BA - Office Fer Batter 24 - COMI 25
				Sample									- No Discharge		C - No Discharge		
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		ermit Req.								-	eq Mon MO AVG		Reg Mon DAILY MX	10 mg/l	02/BA - Twice Per Batch 24 - COMP2
70025 Millogen, Kjeldani, total [as N]	1 - Ellidelli Gloss												•		· ·	19 - Hig/L	02/BA - TWICE FEI BAICH 24 - CONIF2
				alue NODI									- No Discharge		C - No Discharge		
2074C Cultida disaabaad [aa C]	1 Fffluent Cross	0		Sample								-	M MO A\/C		4 DAIL V MV	10/	04/DA Once Des Details 24 COMPS
00746 Sulfide, dissolved, [as S]	1 - Effluent Gross	0 -		ermit Req.									leq Mon MO AVG	<=	.4 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP2
				alue NODI									- No Discharge		C - No Discharge		
20070 A	4. 5#1			Sample								-	M MO AV		45 DAIL V MV	40/	OA/DA Out to Design of OOMDO
00978 Arsenic, total recoverable	1 - Effluent Gross	0 -		ermit Req.									leq Mon MO AVG	<=	.15 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP2
				alue NODI								C	- No Discharge		C - No Discharge		
				Sample													
00979 Cobalt, total recoverable	1 - Effluent Gross	0 -		ermit Req.									leq Mon MO AVO	<=	.005 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - GRAB
				alue NODI								C	- No Discharge		C - No Discharge		
	. =			Sample													2472
00981 Selenium, total recoverable	1 - Effluent Gross	0 -		ermit Req.									eq Mon MO AVG	<=		19 - mg/L	01/BA - Once Per Batch GR - GRAB
				alue NODI								C	- No Discharge		C - No Discharge		
			_	Sample													
01045 Iron, total [as Fe]	1 - Effluent Gross	0 -		ermit Req.									eq Mon MO AVG		Req Mon DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
			Va	alue NODI								C	- No Discharge		C - No Discharge		

				Sample									
01105 Aluminum, total [as Al]	1 - Effluent Gross	0		Permit Req.				<=	2 MO AVG	<= 4 DAILY	MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP24
				Value NODI					C - No Discharge	C - No [Discharge		
				Sample									
01128 Vanadium, total recoverable	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	<= .014 DA	ILY MX	19 - mg/L	01/BA - Once Per Batch GR - GRAB
				Value NODI					C - No Discharge	C - No [Discharge		
				Sample									
34726 Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0		Permit Req.				<=	1.5 MO AVG	<= 2.1 DAI	_Y MX	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
				Value NODI					C - No Discharge	C - No [Discharge		
				Sample									
50050 Flow, in conduit or thru treatment plant 1 -	1 - Effluent Gross	0		Permit Req.	Req Mon MO AVG	Req Mon DAILY MX 03 - MGD							02/BA - Twice Per Batch CN - CONTIN
				Value NODI	C - No Discharge	C - No Discharge							
				Sample									
50060 Chlorine, total residual	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	<= .1 DAIL	Y MX	19 - mg/L	01/BA - Once Per Batch GR - GRAB
				Value NODI					C - No Discharge	C - No [Discharge		
				Sample									
70295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG	Req Mo	n DAILY MX	19 - mg/L	02/BA - Twice Per Batch GR - GRAB
				Value NODI					C - No Discharge	C - No [Discharge		
				Sample									
71900 Mercury, total [as Hg]	1 - Effluent Gross	0		Permit Req.				<=	50 MO AVG			3M - ng/L	01/BA - Once Per Batch GR - GRAB
				Value NODI					C - No Discharge	C - No [Discharge		
				Sample									
81646 Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0		Permit Req.					Req Mon MO AVG			19 - mg/L	01/BA - Once Per Batch GR - GRAB
				Value NODI					C - No Discharge	C - No [Discharge		

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

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User: william.kean@chbwv.com

Name: William Kean

E-Mail: william.kean@chbwv.com

Date/Time: 2017-12-04 08:57 (Time Zone: -05:00)

Report Last Signed By

User: janice.williams@chbwv.com

Name: Janice Williams

E-Mail: janice.williams@chbwv.com

Date/Time: 2017-12-04 08:57 (Time Zone: -05:00)

Permit

NY0000973 Permit #:

U.S. DEPT OF ENERGY Permittee:

Major: Yes **Permittee Address:** 1000 INDEPENDENCE AVE SW

WASHINGTON, DC 20585

Discharge: 007 007-M **Permitted Feature:** External Outfall SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER

Report Dates & Status

Monitoring Period: From 11/01/17 to 11/30/17

Bower

DMR Due Date: 12/28/17

Status:

Facility:

Facility Location:

NetDMR Validated

WEST VALLEY DEMONSTRATION PROJ

10282 ROCK SPRINGS ROAD

WEST VALLEY, NY 14171-9799

Principal Executive Officer

First Name: Bryan C.

Considerations for Form Completion

Title: Director, USDOE-WVDP Telephone:

716-942-4368

No Data Indicator (NODI)

Last Name:

Form NODI:

Parameter	Monitoring Location	Season	# Param. NOD				uantity or Load						uality or Concentr				of Ex. Frequency of Analysis	Sample Typ
Code Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	3 Value 3	Units		
				Sample														
181 Oxygen demand, ultimate 1 - Effluen	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	<=	22 DAILY MX	19 - mg/L	01/30 - Monthly	CA - CALCT
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
00 Oxygen, dissolved [DO] 1 - Effluent Gross	0		Permit Reg.						>=	3 MINIMUM				Reg Mon MAXIMUM	19 - ma/L	02/30 - Twice Per Month	GR - GRAB	
				Value NODI							C - No Discharge	,			C - No Discharge	- 3		
				Sample							- The Little go				je vie ziesiisii ge			
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.									Reg Mon MO AVG		10 DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP
5510 B5B, 5 day, 25 dog. 5	I Emaoni Grood			Value NODI									C - No Discharge		C - No Discharge	10 mg/L	02/00 TWI00 TOT WI011	1 21 001111
				Sample									C - NO Discharge		C - No Discharge			
20.400 -11	4 5#	0									O C MAINIMALINA				0.5.84437/1841/184	40. 011	00/00 Turing Day Manuth	00 0040
0400 pH	1 - Effluent Gross	0		Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB
				Value NODI							C - No Discharge	9			C - No Discharge			
				Sample														
00530 Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<=	30 MO AVG	<=	45 DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
00545 Solids, settleable	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i <=	.3 DAILY MX	25 - mL/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
00556 Oil & Grease	1 - Effluent Gross	0		Permit Req.									Reg Mon MO AVG	i <=	15 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
			Value NODI									C - No Discharge		C - No Discharge				
				Sample									- The Execution gr		- · · · · · · · · · · · · · · · · · · ·			
00615 Nitrogen, nitrite total [as N]	Nitrogen, nitrite total [as N] 1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	-	.1 DAILY MX	19 - mg/L	01/30 - Monthly	24 - COMP2
700 10 14th ogen, minte total [as 14]				Value NODI									C - No Discharge	-	C - No Discharge	15 Hig/L	01/30 Worlding	24 OOW 2
													C - NO Discharge		C - No Discharge			
NOCOT Nitrogen Wieldehl total for NI	1 Fillrant Cross			Sample Darmit Darm									Dag Man MO AVO		Dea Man DAILY MY	10/1	04/20 Monthly	24 COMP
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	'	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	24 - COMP2
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
11045 Iron, total [as Fe]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP2
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
84726 Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0		Permit Req.								<=	1.49 MO AVG	<=	2.1 DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP2
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
50050 Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.	. F	Reg Mon MO AV	/G F	Reg Mon DAILY MX 0	03 - MGD								01/30 - Monthly	CN - CONT
· ·				Value NODI		C - No Discharge		C - No Discharge										
				Sample														
50060 Chlorine, total residual	1 - Effluent Gross	0		Permit Reg.									Reg Mon MO AVG		.1 DAILY MX	19 - mg/L	01/30 - Monthly	GR - GRAB
orionic, total residual	I Ellidelit Gloss	U		Value NODI									C - No Discharge	' \=	C - No Discharge	15 Hig/L	01/30 Worlding	OIL OILLE
													C - NO Discharge		C - NO Discharge			
2000 Calida total disactive d	4 F#luent O	0		Sample Darmit Darm									Des Man MO AVO		Des Men DAII VIIIV	10	00/00 Turing Danks (1	00 0045
0295 Solids, total dissolved	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	1	Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			
				Sample														
71900 Mercury, total [as Hg]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	i <=	50 DAILY MX	3M - ng/L	01/30 - Monthly	GR - GRAB
				Value NODI									C - No Discharge		C - No Discharge			

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.

Comments

Edit Check Errors

No errors.

Attachments No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

william.kean@chbwv.com

Name: William Kean

E-Mail: william.kean@chbwv.com

Date/Time: 2017-12-04 08:57 (Time Zone: -05:00)

Report Last Signed By

User: janice.williams@chbwv.com

Janice Williams Name:

E-Mail: janice.williams@chbwv.com

2017-12-04 08:57 (Time Zone: -05:00) Date/Time:

Permit Permittee: U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ Permit #: NY0000973 Facility Location: Permittee Address: 1000 INDEPENDENCE AVE SW 10282 ROCK SPRINGS ROAD Major: Yes WASHINGTON, DC 20585 WEST VALLEY, NY 14171-9799 Discharge: **Permitted Feature:** 01B 01B-M Internal Outfall MERCURY PRETREATMENT Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 11/01/17 to 11/30/17 12/28/17 **NetDMR Validated Considerations for Form Completion** Principal Executive Officer Title: Telephone: First Name: Bryan C. Director, USDOE-WVDP 716-942-4368 Last Name: Bower No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI # of Ex. Frequency of Analysis Sample Type Parameter Quantity or Loading **Quality or Concentration** Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Code Name Sample Req Mon MO AVG 00056 Flow rate Permit Reg. Req Mon DAILY MX 07 - gal/d CN - CONTIN 1 - Effluent Gross 01/07 - Weekly Value NODI C - No Discharge C - No Discharge Sample 71900 Mercury, total [as Hg] 1 - Effluent Gross 0 Permit Req. Req Mon MO AVG <= 02/BA - Twice Per Batch GR - GRAB 50 DAILY MX 3M - ng/L Value NODI C - No Discharge C - No Discharge **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** No attachments. Report Last Saved By U.S. DEPT OF ENERGY User: william.kean@chbwv.com William Kean Name: E-Mail: william.kean@chbwv.com 2017-12-04 08:57 (Time Zone: -05:00) Date/Time: Report Last Signed By User: janice.williams@chbwv.com Name: Janice Williams E-Mail: janice.williams@chbwv.com 2017-12-04 08:57 (Time Zone: -05:00) Date/Time:

Permit U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ Permit #: NY0000973 Permittee: **Facility Location:** Major: Yes **Permittee Address:** 1000 INDEPENDENCE AVE SW 10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799 WASHINGTON, DC 20585 116 Discharge: **Permitted Feature:** 116-M Internal Outfall PSEUDO MON. POINT @FRANKS CRK Report Dates & Status **Monitoring Period:** From 11/01/17 to 11/30/17 **DMR Due Date:** 12/28/17 Status: NetDMR Validated **Considerations for Form Completion** IF PSUEDO MONITORING POINT REPORT IS NOT REQUIRED DURING THE MONITORING PERIOD, EITHER CHECK THENO DISCHARGE BOX OR ENTER 'NODI A'IN PLACE OF A MEASUREMENT TO INDICATE A GENERAL PERMIT EXEMPTION. **Principal Executive Officer** First Name: Bryan C. Title: Director, USDOE-WVDP Telephone: 716-942-4368 **Last Name:** Bower No Data Indicator (NODI) Form NODI: Parameter 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 Code Name Sample 70295 Solids, total dissolved Z - Instream Monitoring 0 Reg Mon MO AVG <= 500 DAILY MX 19 - mg/L Permit Req. 02/DS - Twice Per Discharge CA - CALCTD Value NODI C - No Discharge C - No Discharge **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** No attachments. Report Last Saved By **U.S. DEPT OF ENERGY** User: william.kean@chbwv.com Name: William Kean E-Mail: william.kean@chbwv.com 2017-12-04 08:57 (Time Zone: -05:00) Date/Time: Report Last Signed By User: janice.williams@chbwv.com Name: Janice Williams E-Mail: janice.williams@chbwv.com 2017-12-04 08:57 (Time Zone: -05:00) Date/Time:

Permit Permittee: U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ Permit #: NY0000973 1000 INDEPENDENCE AVE SW **Facility Location:** 10282 ROCK SPRINGS ROAD Major: Yes **Permittee Address:** WASHINGTON, DC 20585 WEST VALLEY, NY 14171-9799 SUM Discharge: SUM-N **Permitted Feature:** Internal Outfall SUM OF OUTFALLS 1 & 7 Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 11/01/17 to 11/30/17 12/28/17 **NetDMR Validated Considerations for Form Completion** Principal Executive Officer First Name: Bryan C. Title: Director, USDOE-WVDP Telephone: 716-942-4368 Last Name: Bower No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI Quantity or Loading # of Ex. Frequency of Analysis Sample Type Parameter **Quality or Concentration** Qualifier 1 Value 1 Qualifier 2 Value 2 Units Qualifier 1 Value 1 Qualifier 2 Value 2 Qualifier 3 Code Name Sample 01045 Iron, total [as Fe] 2 - Effluent Net CA - CALCTD 0 Reg Mon MO AVG <= 1 DAILY MX 19 - mg/L 01/30 - Monthly Permit Req. Value NODI C - No Discharge C - No Discharge **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 Size WVDP-NOVEMBER-2017-NET-IRON-CALC.pdf 24690 pdf Report Last Saved By U.S. DEPT OF ENERGY User: william.kean@chbwv.com William Kean Name: E-Mail: william.kean@chbwv.com Date/Time: 2017-12-04 08:57 (Time Zone: -05:00) Report Last Signed By User: janice.williams@chbwv.com Name: Janice Williams E-Mail: janice.williams@chbwv.com 2017-12-04 08:57 (Time Zone: -05:00) Date/Time:

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - NOVEMBER 1 THROUGH NOVEMBER 30, 2017

NET IRON EFFLUENT CONCENTRATION CALCULATION

WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

OUTFALL 001 =
$$M1 = \frac{(X1 + X2) V1}{2}$$
 = 0.00 mg/month

X1 = 0.00 mg/L

X2 = 0.00 mg/L

V1 = 0.00 L/month

Note: There was no discharge from outfall 001 during this monitoring period.

OUTFALL 007 =
$$M7 = (X1 + X2) V7 = 0.00 \text{ mg/month}$$

X1 = 0.00 mg/L

X2 = 0.00 mg/L

V7 = 0.00 L/month

Note: There was no discharge from outfall 007 during this monitoring period.

VRW = 0.00 L/month

Note: Raw water from the reservoir system is no longer used for process water since the site installed two groundwater wells. This eliminated the need to collect raw water samples on a weekly basis and altered the iron discharge concentration equation as the mass of iron entering the system is no longer necessary.

IRON DISCHARGE CONCENTRATION =
$$\frac{M1 + M7 - MRW}{V1 + V7}$$
 = 0.00 mg/L

Attachment B
Email Confirmation from NYSDEC

Bonnie Jeffery

From:

netdmr-notification@epa.gov

Sent:

Monday, December 04, 2017 6:33 PM

To:

ewwohlers@cattco.org; Christine Lee; Jason Casper; R9.NetDMR@dec.ny.gov; William

Kean; James Baker; lynette.bennett@chbwv.com; Bonnie Jeffery; Moira Maloney;

Amanda Steiner; Janice Williams; jennifer.dundas@wv.doe.gov

Subject:

NetDMR DMR(s) Submittal Passed for: NY0000973

The following signed 5 DMR(s) were submitted to EPA and were successfully processed:

CDX Transaction ID: _918ca7f4-64e0-407a-8f4f-d67e5cf5080f

User ID: janice.williams@chbwv.com Timestamp: 12/04/2017 08:57:42

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature:

001

Discharge: M - OUTFALL 001 MONTHLY PROC WW, GW, STORM Monitoring Period End Date: 11/30/17

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature:

007

Discharge: M - SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER Monitoring Period

End Date: 11/30/17

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature:

01B

Discharge: M - MERCURY PRETREATMENT Monitoring Period End Date: 11/30/17

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 116

Discharge: M - PSEUDO MON. POINT @FRANKS CRK Monitoring Period End Date: 11/30/17

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature:

SUM

Discharge: N - SUM OF OUTFALLS 1 & 7 Monitoring Period End Date: 11/30/17

Thank you.

This is a submission from the LIVE (Production) site.

CORRESPONDENCE CONTROL SHEET

Correspondence Code	Author's Name & Extension	Date Review	Date Review	File
WD : <u>2017 : 1265</u>	William Kean/4865	Submitted 11/28/17	Due 12/05/17	Series Code
Subject: Contract No. DE- Monitoring Reports (DMR)	EM0001529, Section J -3, Item 127, State Pollutant for November, 2017	Discharge Monitorin	ng System (SPDES)) Discharge

Does this Correspondence Respond to any DOE or Regulator Correspondence?
[X] No [] Yes – If yes, then identify the following: Correspondence Code: OITS Number:
Does this correspondence contain Official Use Only (OUO) information?
[i.e., information is certain unclassified information that may be exempt from public release under the Freedom of Information Act (FOIA), (Exemptions 3-9) and has the potential to damage governmental, commercial, or private interests if disseminated to persons who do not need to know the information to perform their jobs or other DOE authorized activities; refer to WVDP-402 for additional guidance on this determination.]
[X] No [] Yes - If yes, ensure the document(s) is properly stamped and marked as OUO per requirements of WVDP-402. If Administratively Confidential or Proprietary, documentation must also be properly marked as such per requirements of WVDP-402.
Does this correspondence contain ECI (OUO, FOIA Exemption 3)? [i.e., technical information that would be restricted by statute; refer to WVDP-402 for guidance on this determination.]
[X] No [] Yes - If yes, ensure the document(s) is properly stamped and marked as ECI and OUO per requirements of WVDP-402 and Export Technology Control Officer (ETCO) or trained alternate signature & date are obtained on the document(s).
OUO Reviewer/ECI Screener or ECI Document Reviewer: K. J. Mansfield Printed Name/Signature
Funding Commitment
Does this correspondence commit funds?
[X] No [] Yes - If yes, then obtain Business Manager/CFO and Planning & Integration Manager review.

Printed Name	Signature	Date	Approve	Approve w/Comments	Disapprove
William Kean	W.N. K.	11/28/17	[4]	[]	[]
Michael Pendl (Peer)	mipane	11-29-17	J.4	[]	[]
Janice Williams	W.N.K. FOT JOW	11/29/17	[′] [xł	[]	[]
Lynn Hollfelder	Mniston	11/2017	H	[]	[]
Jennifer Dundas		11/30/17	[义]	[]	[]
***************************************	- FISHINGS		. []	[]	[]