

CH2MHILL • BWXT West Valley, LLC

West Valley Demonstration Project

Ms. Jennifer Splitt, Contracting Officer
U. S. Department of Energy
550 Main St., Room 7-010
Cincinnati, OH 45202

AC-PRES
WD:2023:0795
October 5, 2023

SUBJECT: Contract No. DE-EM0001529, Section J-3, Item 127, State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR) for the Period September 1, 2023 through September 30, 2023

Dear Ms. Splitt:

This letter is being submitted for Contracting Officer Representative's approval to inform you that the SPDES DMR for the reporting period September 1 through September 30, 2023 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 (716) 942-4865 or Elizabeth Lowes at (716) 481-0429.

Sincerely,

Approval Obtained Electronically

John D. Rendall
President & General Manager

JDR:WNK:bnj

Attachments: A) SPDES DMR for September 1 through September 30, 2023
B) Email Confirmation from NYSDEC

cc: B. C. Bower, DOE-WVDP
J. M. Dundas, DOE-WVDP
J. T. DesMarais, DOE-WVDP
W. T. Frederick, DOE-WVDP
S. A. Cherry, CHBWV
C. Chun, CHBWV
L. K. Hollfelder, CHBWV
W. N. Kean, CHBWV
E. A. Lowes, CHBWV
J. K. Mantione, CHBWV
D. M. Martinet, CHBWV
J. T. Pillittere, CHBWV (Public Reading Room)
R. E. Steiner, CHBWV
K. A. Wooley, CHBWV
Letter Log (B. Jeffery), CHBWV
CHBWV OITS #2230568

Attachment A
SPDES DMR

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - SEPTEMBER 1 THROUGH SEPTEMBER 30, 2023
NET IRON EFFLUENT CONCENTRATION CALCULATION
WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

$$\begin{aligned} \text{OUTFALL 001} &= M1 = \frac{(X1 + X2) V1}{2} = 0 \text{ mg/month} \\ X1 &= 0.00 \text{ mg/L} \\ X2 &= 0.00 \text{ mg/L} \\ V1 &= 0.00 \text{ L/month} \end{aligned}$$

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

$$\begin{aligned} \text{OUTFALL 007} &= M7 = \frac{(X1 + X2) V7}{2} = 0.00 \text{ mg/month} \\ X1 &= 0.00 \text{ mg/L} \\ X2 &= 0.00 \text{ mg/L} \\ V7 &= 0.00 \text{ L/month} \end{aligned}$$

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

$$\begin{aligned} \text{RAW WATER} &= \text{MRW} = \frac{(X1 + X2 + X3 + X4) \text{VRW}}{4} = 0.00 \text{ mg/month} \\ X1 &= 0.00 \text{ mg/L} \\ X2 &= 0.00 \text{ mg/L} \\ X3 &= 0.00 \text{ mg/L} \\ X4 &= 0.00 \text{ mg/L} \\ \text{VRW} &= 0.00 \text{ L/month} \end{aligned}$$

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.

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

DMR Copy of Record

Permit			
Permit #:	NY0000973	Permittee:	U.S. DEPT OF ENERGY
Major:	Yes	Permittee Address:	1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585
Permitted Feature:	001 External Outfall	Discharge:	001-M OUTFALL 001 MONTHLY PROC WW, GW, STORM
Facility:	WEST VALLEY DEMONSTRATION PROJ		
Facility Location:	10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799		

Report Dates & Status			
Monitoring Period:	From 09/01/23 to 09/30/23	DMR Due Date:	10/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Bryan C.	Title:	Director, USDOE-WVDP
Last Name:	Bower	Telephone:	716-942-4368

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	
00154	Sulfate [as S]	1 - Effluent Gross	0	--	Sample													19 - mg/L	01/BA - Once Per Batch	24 - COMP24
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/BA - Twice Per Batch	CA - CALCTD	
					Permit Req.						Req Mon MO AVG	<=	22.0 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/BA - Twice Per Batch	GR - GRAB	
					Permit Req.						>=	3.0 MINIMUM		Req Mon MAXIMUM						
					Value NODI						C - No Discharge		C - No Discharge							
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/BA - Twice Per Batch	24 - COMP24	
					Permit Req.						Req Mon MO AVG	<=	10.0 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00400	pH	1 - Effluent Gross	0	--	Sample												12 - SU	01/BA - Once Per Batch	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM		<=	8.5 MAXIMUM					
					Value NODI						C - No Discharge		C - No Discharge							
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/BA - Twice Per Batch	24 - COMP24	
					Permit Req.						<=	30.0 MO AVG	<=	45.0 DAILY MX						
					Value NODI						C - No Discharge		C - No Discharge							
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample												25 - mL/L	02/BA - Twice Per Batch	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	0.3 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/BA - Once Per Batch	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	15.0 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/BA - Once Per Batch	24 - COMP24	
					Permit Req.						Req Mon MO AVG	<=	0.1 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/BA - Once Per Batch	24 - COMP24	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/BA - Twice Per Batch	24 - COMP24	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00746	Sulfide, dissolved, [as S]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/BA - Once Per Batch	24 - COMP24	
					Permit Req.						Req Mon MO AVG	<=	0.4 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/BA - Once Per Batch	24 - COMP24	
					Permit Req.						Req Mon MO AVG	<=	0.15 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							

00979	Cobalt, total recoverable	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG	<=	0.005 DAILY MX	19 - mg/L				01/BA - Once Per Batch	GR - GRAB	
					Value NODI													C - No Discharge		C - No Discharge							
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG	<=	0.004 DAILY MX	19 - mg/L				01/BA - Once Per Batch	GR - GRAB	
					Value NODI													C - No Discharge		C - No Discharge							
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				02/BA - Twice Per Batch	24 - COMP24	
					Value NODI													C - No Discharge		C - No Discharge							
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													<=	2.0 MO AVG	<=	4.0 DAILY MX	19 - mg/L				01/BA - Once Per Batch	24 - COMP24
					Value NODI													C - No Discharge		C - No Discharge							
01128	Vanadium, total recoverable	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG	<=	0.014 DAILY MX	19 - mg/L				01/BA - Once Per Batch	GR - GRAB	
					Value NODI													C - No Discharge		C - No Discharge							
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													<=	1.5 MO AVG	<=	2.1 DAILY MX	19 - mg/L				02/BA - Twice Per Batch	24 - COMP24
					Value NODI													C - No Discharge		C - No Discharge							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																						
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD																	
					Value NODI		C - No Discharge		C - No Discharge																		
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG	<=	0.1 DAILY MX	19 - mg/L				01/BA - Once Per Batch	GR - GRAB	
					Value NODI													C - No Discharge		C - No Discharge							
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				02/BA - Twice Per Batch	GR - GRAB	
					Value NODI													C - No Discharge		C - No Discharge							
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													<=	50.0 MO AVG		Req Mon DAILY MX	3M - ng/L				01/BA - Once Per Batch	GR - GRAB
					Value NODI													C - No Discharge		C - No Discharge							
81646	Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0	--	Sample																						
					Permit Req.													Req Mon MO AVG	<=	0.04 DAILY MX	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: 2023-10-04 07:23 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM
 Name: Elizabeth Lowes
 E-Mail: elizabeth.lowes@chbwv.com
 Date/Time: 2023-10-05 13:42 (Time Zone: -04:00)

DMR Copy of Record

Permit			
Permit #:	NY0000973	Permittee:	U.S. DEPT OF ENERGY
Major:	Yes	Permittee Address:	1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585
Permitted Feature:	007 External Outfall	Discharge:	007-M SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER
Facility:	WEST VALLEY DEMONSTRATION PROJ		Facility Location:
		10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799	

Report Dates & Status			
Monitoring Period:	From 09/01/23 to 09/30/23	DMR Due Date:	10/28/23
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	Bryan C.	Title:	Director, USDOE-WVDP
Last Name:	Bower	Telephone:	716-942-4368

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	
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	--	Sample													19 - mg/L	01/30 - Monthly	CA - CALCTD
					Permit Req.						Req Mon MO AVG	<=	22.0 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.						>=	3.0 MINIMUM		Req Mon MAXIMUM						
					Value NODI						C - No Discharge		C - No Discharge							
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	24 - COMP24	
					Permit Req.						Req Mon MO AVG	<=	10.0 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00400	pH	1 - Effluent Gross	0	--	Sample												12 - SU	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.						>=	6.5 MINIMUM		<=	8.5 MAXIMUM					
					Value NODI						C - No Discharge		C - No Discharge							
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	24 - COMP24	
					Permit Req.						<=	30.0 MO AVG	<=	45.0 DAILY MX						
					Value NODI						C - No Discharge		C - No Discharge							
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample												25 - mL/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	0.3 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	15.0 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/30 - Monthly	24 - COMP24	
					Permit Req.						Req Mon MO AVG	<=	0.1 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/30 - Monthly	24 - COMP24	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	24 - COMP24	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0	--	Sample												19 - mg/L	02/30 - Twice Per Month	24 - COMP24	
					Permit Req.						<=	1.49 MO AVG	<=	2.1 DAILY MX						
					Value NODI						C - No Discharge		C - No Discharge							
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample												03 - MGD	01/30 - Monthly	CN - CONTIN	
					Permit Req.						Req Mon MO AVG		Req Mon DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample												19 - mg/L	01/30 - Monthly	GR - GRAB	
					Permit Req.						Req Mon MO AVG	<=	0.1 DAILY MX							
					Value NODI						C - No Discharge		C - No Discharge							

70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample															
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB		
					Value NODI							C - No Discharge		C - No Discharge						
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample															
					Permit Req.							Req Mon MO AVG	<=	50.0 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.

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: 2023-10-04 07:24 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM
Name: Elizabeth Lowes
E-Mail: elizabeth.lowes@chbwv.com
Date/Time: 2023-10-05 13:42 (Time Zone: -04:00)

DMR Copy of Record

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00056	Flow rate	1 - Effluent Gross	0	--	Sample													01/07 - Weekly	CN - CONTIN
					Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d										
					Value NODI	C - No Discharge		C - No Discharge											
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample													02/BA - Twice Per Batch	GR - GRAB
					Permit Req.								Req Mon MO AVG	<=	50.0 DAILY MX	3M - ng/L			
					Value NODI								C - No Discharge		C - No Discharge				

Permit
 Permit #: **NY0000973** | Permittee: **U.S. DEPT OF ENERGY** | Facility: **WEST VALLEY DEMONSTRATION PROJ**
 Major: **Yes** | Permittee Address: **1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585** | Facility Location: **10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799**
 Permitted Feature: **01B Internal Outfall** | Discharge: **01B-M MERCURY PRETREATMENT**

Report Dates & Status
 Monitoring Period: **From 09/01/23 to 09/30/23** | DMR Due Date: **10/28/23** | Status: **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: **--**

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00056	Flow rate	1 - Effluent Gross	0	--	Sample													01/07 - Weekly	CN - CONTIN
					Permit Req.	Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d										
					Value NODI	C - No Discharge		C - No Discharge											
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample													02/BA - Twice Per Batch	GR - GRAB
					Permit Req.								Req Mon MO AVG	<=	50.0 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**
 Name: **William Kean**
 E-Mail: **william.kean@chbwv.com**
 Date/Time: **2023-10-04 07:24 (Time Zone: -04:00)**

Report Last Signed By
 User: **ELIZABETH.LOWES@CHBWV.COM**
 Name: **Elizabeth Lowes**
 E-Mail: **elizabeth.lowes@chbwv.com**
 Date/Time: **2023-10-05 13:42 (Time Zone: -04:00)**

DMR Copy of Record

Parameter		Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
70295	Solids, total dissolved	Z - Instream Monitoring	0	--													

Permit
 Permit #: **NY0000973** | Permittee: U.S. DEPT OF ENERGY | Facility: WEST VALLEY DEMONSTRATION PROJ
 Major: Yes | Permittee Address: 1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585 | Facility Location: 10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799
 Permitted Feature: 116 Internal Outfall | Discharge: **116-M** PSEUDO MON. POINT @FRANKS CRK

Report Dates & Status
 Monitoring Period: **From 09/01/23 to 09/30/23** | DMR Due Date: **10/28/23** | 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: --

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: 2023-10-04 07:24 (Time Zone: -04:00)

Report Last Signed By
 User: ELIZABETH.LOWES@CHBWV.COM
 Name: Elizabeth Lowes
 E-Mail: elizabeth.lowes@chbwv.com
 Date/Time: 2023-10-05 13:42 (Time Zone: -04:00)

DMR Copy of Record

Permit																		
Permit #:	NY0000973	Permittee:	U.S. DEPT OF ENERGY					Facility:	WEST VALLEY DEMONSTRATION PROJ									
Major:	Yes	Permittee Address:	1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585					Facility Location:	10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799									
Permitted Feature:	SUM Internal Outfall	Discharge:	SUM-N SUM OF OUTFALLS 1 & 7															
Report Dates & Status																		
Monitoring Period:	From 09/01/23 to 09/30/23		DMR Due Date:	10/28/23			Status:	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:	--																	
Parameter	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
Code	Name			Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01045	Iron, total [as Fe]	2 - Effluent Net	0	--									Req Mon MO AVG	<=	1.0 DAILY MX	19 - mg/L	01/30 - Monthly	CA - CALCTD
													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	Type	Size				
												WVDP_September_2023_Net_Iron_Calculation.pdf	pdf	332883.0				
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:	2023-10-04 07:25 (Time Zone: -04:00)																	
Report Last Signed By																		
User:	ELIZABETH.LOWES@CHBWV.COM																	
Name:	Elizabeth Lowes																	
E-Mail:	elizabeth.lowes@chbwv.com																	
Date/Time:	2023-10-05 13:42 (Time Zone: -04:00)																	

DMR Copy of Record

Permit		Permit #: NY0000973		Permittee: U.S. DEPT OF ENERGY		Facility: WEST VALLEY DEMONSTRATION PROJ	
Major: Yes		Permittee Address: 1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585		Facility Location: 10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799			
Permitted Feature: 001 External Outfall		Discharge: 001-W OUTFALL 001 WET TESTING QUARTERLY					

Report Dates & Status			
Monitoring Period: From 07/01/23 to 09/30/23	DMR Due Date: 11/28/23	Status: NetDMR Validated	

Considerations for Form Completion
SEE PERMIT FOOTNOTES FOR WET TESTING REQUIREMENTS

Principal Executive Officer			
First Name: Bryan C.	Title: Director, USDOE-WVDP	Telephone: 716-942-4368	
Last Name: Bower			

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
61425	Toxicity [acute], Ceriodaphnia dubia	V - See Comments	0	--	Sample Permit Req.											<=	0.3 MAXIMUM	2F - tox acute	01/90 - Quarterly	24 - COMP24
					Value NODI												C - No Discharge			
61426	Toxicity [chronic], Ceriodaphnia dubia	V - See Comments	0	--	Sample Permit Req.											<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
					Value NODI												C - No Discharge			
61427	Toxicity [acute], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--	Sample Permit Req.											<=	0.3 MAXIMUM	2F - tox acute	01/90 - Quarterly	24 - COMP24
					Value NODI												C - No Discharge			
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--	Sample Permit Req.											<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
					Value NODI												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@chbvw.com
Name: William Kean
E-Mail: william.kean@chbvw.com
Date/Time: 2023-10-04 07:24 (Time Zone: -04:00)

Report Last Signed By
User: ELIZABETH.LOWES@CHBWW.COM
Name: Elizabeth Lowes
E-Mail: elizabeth.lowes@chbvw.com
Date/Time: 2023-10-05 13:42 (Time Zone: -04:00)

DMR Copy of Record

Permit																				
Permit #: NY0000973		Permittee: U.S. DEPT OF ENERGY					Facility: WEST VALLEY DEMONSTRATION PROJ													
Major: Yes		Permittee Address: 1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585					Facility Location: 10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799													
Permitted Feature: 007 External Outfall		Discharge: 007-W OUTFALL 007 WET TESTING QUARTERLY																		
Report Dates & Status																				
Monitoring Period: From 07/01/23 to 09/30/23					DMR Due Date: 11/28/23					Status: NetDMR Validated										
Considerations for Form Completion																				
SEE PERMIT FOOTNOTES FOR WET TESTING REQUIREMENTS																				
Principal Executive Officer																				
First Name: Bryan C.					Title: Director, USDOE-WVDP					Telephone: 716-942-4368										
Last Name: Bower																				
No Data Indicator (NODI)																				
Form NODI: --																				
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req.	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
61425	Toxicity [acute], Ceriodaphnia dubia	V - See Comments	0	--												<=	0.3 MAXIMUM	2F - tox acute	01/90 - Quarterly	24 - COMP24
					Value NODI												C - No Discharge			
61426	Toxicity [chronic], Ceriodaphnia dubia	V - See Comments	0	--												<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
					Value NODI												C - No Discharge			
61427	Toxicity [acute], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--												<=	0.3 MAXIMUM	2F - tox acute	01/90 - Quarterly	24 - COMP24
					Value NODI												C - No Discharge			
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--												<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
					Value NODI												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.																				
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No errors.																				
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Report Last Saved By																				
U.S. DEPT OF ENERGY																				
User: william.kean@chbvw.com																				
Name: William Kean																				
E-Mail: william.kean@chbvw.com																				
Date/Time: 2023-10-04 07:24 (Time Zone: -04:00)																				
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Date/Time: 2023-10-05 13:42 (Time Zone: -04:00)																				