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:2025:0220 March 17, 2025

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

System (SPDES) Discharge Monitoring Report (DMR) for the Period February 1, 2025 through

February 28, 2025

Dear Ms. Splitt:

This letter is being submitted to the Contracting Officer Representative's approval to inform you that the SPDES DMR for the reporting period February 1, through February 28, 2025 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 Anna Carr at (716) 942-4680 or Elizabeth Lowes at (716) 481-0429.

Sincerely,

Jason L. Casper President & General Manager

JLC:AVC:mlv

Attachments: A) SPDES DMR for February 1 through February 28, 2025

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

A. V. Carr, CHBWV

S. A. Cherry, CHBWV

B. D. Gertz, 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

Records, CHBWV

CHBWV OITS #2430386

Attachment A SPDES DMR

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - FEBRUARY 1 THROUGH FEBRUARY 28, 2025 NET IRON EFFLUENT CONCENTRATION CALCULATION WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

OUTFALL 001 =
$$M1 = (X1 + X2) V1$$
 = 0 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 =
$$M7 = \frac{(X1 + X2) V7}{2} = 0.00 \text{ mg/month}$$

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.

RAW WATER =
$$MRW = \frac{(X1 + X2 + X3 + X4) \ VRW}{4} = 0.00 \ mg/month$$

 $X1 = 0.00 \ mg/L$
 $X2 = 0.00 \ mg/L$
 $X3 = 0.00 \ mg/L$
 $X4 = 0.00 \ mg/L$
 $VRW = 0.00 \ L/month$

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

DMR Copy of Record

Form Approved OMB No. 2040-0004 expires on 07/31/2026

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <a href="https://www.npapersons.org/npapersons-npa

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

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Permit																			
Permit :	#:	NY0000973			Permitte	ee:		U.S. DEPT	OF ENER	GY				Facility:		WEST VALL	EY DEMO	DNSTRATION PROJ	
Major:		Yes			Permitte	ee Addres	s:	1000 INDE WASHING		E AVE SW 0585				Facility Location	on:	10282 ROCK WEST VALL			
Permitt	ed Feature:	001 External Outfa	II		Dischar	rge:		001-M OUTFALL	001 MONT	HLY PROC WW	, GW, STORM								
Report	Dates & Status																		
Monito	ring Period:	From 02/01/25	5 to 02/28/25		DMR Du	ue Date:		03/28/25						Status:		NetDMR Val	idated		
Consid	erations for Form Com	pletion			•														
Princip	al Executive Officer																		
First Na	ame:	Bryan			Title:			Director-W	VDP-DOE					Telephone:		716-942-436	8		
Last Na	ame:	Bower												l					
No Data	a Indicator (NODI)																		
Form N	IODI:																		
	Parameter		Monitoring Location	Season #	Param. NODI			Quai	ntity or Load	ling			Qu	ality or Concentrat	ion		#	# of Ex. Frequency of Analysis	Sample Type
Code	Name						Qualifier 1	Value 1	Qualifier 2	Value 2	Units Qualifier 1	1 Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
						Sample													
00154	Sulfate [as S]		1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/BA - Once Per Batch 24	- 24 Hour Composite
						Value NODI								C - No Discharge		C - No Discharge			
						Sample													
00181	Oxygen demand, ultimat	е	1 - Effluent Gross	0	- -	Permit Req.								Req Mon MO AVG			19 - mg/L	02/BA - Twice Per Batch C/	\ - Calculated
						Value NODI								C - No Discharge		C - No Discharge			
						Sample Barreit Barr						O O DAININAL INA				Dog Man MAVING IN	10	00/DA Turing Day Date to Ol	O Crah
00000	Owner discolused IDOI		4 Filliant Cross			Permit Reg.					>=	3.0 MINIMUM				Reg Mon MAXIMUM	19 - mg/L	02/BA - Twice Per Batch GI	k - Grad

		Sample								
00154 Sulfate [as S]	1 - Effluent Gross 0	 Permit Req.				Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - 24 Hour Composite
		Value NODI				C - No Discharge		C - No Discharge		
		Sample								
00181 Oxygen demand, ultimate	1 - Effluent Gross 0	 Permit Req.				Req Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L	02/BA - Twice Per Batch CA - Calculated
		Value NODI				C - No Discharge		C - No Discharge		
		Sample Permit Req.			3.0 MINIMUM			Req Mon MAXIMUM	10. mg/l	02/BA - Twice Per Batch GR - Grab
00300 Oxygen, dissolved [DO]	1 - Effluent Gross 0			>=				·		02/BA - Twice Per Batch GR - Grab
		Value NODI			C - No Discharge			C - No Discharge		
00040 DDD 5 1	4 500 0	Sample Permit Req.				Reg Mon MO AVG	<=	10.0 DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - 24 Hour Composite
00310 BOD, 5-day, 20 deg. C	1 - Effluent Gross 0	 Value NODI				C - No Discharge		C - No Discharge		
		Sample				0 110 210011di.go		- 110 Discharge		
00400 pH	1 - Effluent Gross 0	 Permit Req.		>=	6.5 MINIMUM		<=	8.5 MAXIMUM	12 - SU	01/BA - Once Per Batch GR - Grab
рп	1 - Ellidelit Gloss 0	Value NODI			C - No Discharge			C - No Discharge		
		Sample								
00530 Solids, total suspended	1 - Effluent Gross 0	 Permit Req.			<	= 30.0 MO AVG	<=	45.0 DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - 24 Hour Composite
		Value NODI				C - No Discharge		C - No Discharge		
		Sample								
00545 Solids, settleable	1 - Effluent Gross 0	 Permit Req.				Req Mon MO AVG		0.3 DAILY MX	25 - mL/L	02/BA - Twice Per Batch GR - Grab
		Value NODI				C - No Discharge		C - No Discharge		
		Sample Permit Reg.				Dog Man MO AVC		15.0 DAILY MX	10/1	01/BA - Once Per Batch GR - Grab
00556 Oil & Grease	1 - Effluent Gross 0					Req Mon MO AVG			19 - mg/L	01/BA - Once Per Batch GR - Grab
		Value NODI				C - No Discharge		C - No Discharge		
		Sample Permit Reg.				Reg Mon MO AVG	/=	0.1 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - 24 Hour Composite
00615 Nitrogen, nitrite total [as N]	1 - Effluent Gross 0	 Value NODI				C - No Discharge		C - No Discharge		57.57. Once i of Baton 24 24 flour composite
						C - NO Discharge		C - NO Discharge		
		Sample Permit Reg.				Reg Mon MO AVG		Reg Mon DAILY MX	19 - ma/L	01/BA - Once Per Batch 24 - 24 Hour Composite
00620 Nitrogen, nitrate total [as N]	1 - Effluent Gross 0	 							. 5g, =	The state of the s

				Value NODI					C - No Discharge		C - No Discharge		
				Sample									
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	 Permit Req.					Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - 24 Hour Composite
				Value NODI					C - No Discharge		C - No Discharge		
				Sample									
00746	Sulfide, dissolved, [as S]	1 - Effluent Gross	0	 Permit Req.					Req Mon MO AVG			19 - mg/L	01/BA - Once Per Batch 24 - 24 Hour Composite
				Value NODI					C - No Discharge		C - No Discharge		
				Sample					D M MO M/O		0.45 DAILWAN	10 "	0/70 0 7 7 7 1 0 0 0 0
00978	Arsenic, total recoverable	1 - Effluent Gross	0	 Permit Req.					Req Mon MO AVG			19 - mg/L	01/BA - Once Per Batch 24 - 24 Hour Composite
				Value NODI					C - No Discharge		C - No Discharge		
				Sample					Dec Man MO AVC		0.005 DAILY MX	10/1	01/BA - Once Per Batch GR - Grab
00979	Cobalt, total recoverable	1 - Effluent Gross	0	 Permit Req.					Req Mon MO AVG			19 - mg/L	01/BA - Once Per Baich GR - Grab
				Value NODI					C - No Discharge		C - No Discharge		
				Sample Permit Req.					Reg Mon MO AVG	/-	0.004 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - Grab
00981	Selenium, total recoverable	1 - Effluent Gross	0	 Value NODI					C - No Discharge		C - No Discharge	19 - Hig/L	OT/BA - Office Fell Batchi GR - Glab
									C - No Discharge		C - No Discharge		
04045		4 500 . 0	•	Sample Permit Req.					Reg Mon MO AVG		Reg Mon DAILY MX	19 - ma/l	02/BA - Twice Per Batch 24 - 24 Hour Composite
01045	Iron, total [as Fe]	1 - Effluent Gross	0	 Value NODI					C - No Discharge		C - No Discharge	10 mg/L	OZZIV TWOCT OF BAIGHT ZT ZTTTOM COMPONIC
				Sample					O - NO Discharge		O - NO Discharge		
04405	Aluminum total for All	1 - Effluent Gross	0	Permit Reg.					= 2.0 MO AVG	<=	4.0 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - 24 Hour Composite
01105	Aluminum, total [as Al]	1 - Elliuent Gross	U	 Value NODI					C - No Discharge		C - No Discharge	- 3	
				Sample					- 1.0 D.00.1a.ig0		o ito biomaigo		
01128	Vanadium, total recoverable	1 - Effluent Gross	0	 Permit Req.					Req Mon MO AVG	<=	0.014 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - Grab
01120	variation, total recoverable	1 Lindon Gross		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 DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - 24 Hour Composite
020	run ogen, anniema, tetar [ae rune]	2		Value NODI					C - No Discharge		C - No Discharge		
				Sample									
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Permit Req.	Req Mon MO AVG	Req Mon DAILY MX	03 - MGD						02/BA - Twice Per Batch CN - Continuous
	·			Value NODI	C - No Discharge	C - No Discharge							
				Sample									
50060	Chlorine, total residual	1 - Effluent Gross	0	 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		
				Sample									
70295	Solids, total dissolved	1 - Effluent Gross	0	 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		
				Sample									
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	 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		
				Sample					D14 NO 41/2		0.04 DAILY 1897	40	OM/DA Over Day Date! OD O
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: 2025-03-13 09:33 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM Elizabeth Lowes

Name:

elizabeth.lowes@chbwv.com

E-Mail:

Form Approved OMB No. 2040-0004 expires on 07/31/2026 **DMR Copy of Record**

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Permit

Major:

Permit #: NY0000973

Permittee Address:

Permittee:

U.S. DEPT OF ENERGY 1000 INDEPENDENCE AVE SW

WASHINGTON, DC 20585

Permitted Feature:

007 External Outfall

Yes

Bower

Discharge: 007-M

SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER

Report Dates & Status

Monitoring Period: From 02/01/25 to 02/28/25

DMR Due Date: 03/28/25 Status:

Facility Location:

Facility:

NetDMR Validated

WEST VALLEY DEMONSTRATION PROJ

10282 ROCK SPRINGS ROAD

WEST VALLEY, NY 14171-9799

Considerations for Form Completion

Principal Executive Officer

First Name: Bryan Title: Director-WVDP-DOE Telephone:

716-942-4368

No Data Indicator (NODI)

Last Name:

Form N	IODI:																	
	Parameter	Monitoring Location	Season #	# Param. NODI			Qu	antity or Load	ling				Quality or Concentration	ion		#	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		
					Sample													
00181	Oxygen demand, ultimate	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L	01/30 - Monthly	CA - Calculated
					Value NODI								C - No Discharge		C - No Discharge			
					Sample													
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	3.0 MINIMUM			Req Mon MAXIMUM	19 - mg/L	02/30 - Twice Per Month	GR - Grab
					Value NODI							C - No Discharge			C - No Discharge			
					Sample													
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG	<=	10.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - 24 Hour Composite
					Value NODI								C - No Discharge		C - No Discharge			
					Sample													
00400	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			C - No Discharge			
					Sample								00.0 MO. AVO		45.0 DAILY/MY	40 //	00/00 Turing Day Maryth	04 04 11 0
00530	Solids, total suspended	1 - Effluent Gross	0		Permit Req.								<= 30.0 MO AVG	<=		19 - mg/L	02/30 - Twice Per Month	24 - 24 Hour Composite
					Value NODI								C - No Discharge		C - No Discharge			
					Sample								Davida MO AVO		0.3 DAILY MX	25 - mL/L	02/30 - Twice Per Month	OD 0
00545	Solids, settleable	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG			25 - ML/L	02/30 - Twice Per Month	GR - Grab
					Value NODI								C - No Discharge		C - No Discharge			
					Sample Permit Reg.								Reg Mon MO AVG		15.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	GP - Grah
00556	Oil & Grease	1 - Effluent Gross	0										·			13 - mg/L	02/30 - I WICE I EI MOITHI	OIX - OIAD
					Value NODI								C - No Discharge		C - No Discharge			
					Sample Permit Reg.								Reg Mon MO AVG		0.1 DAILY MX	19 - mg/L	01/30 - Monthly	24 - 24 Hour Composite
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0										·			13 - mg/L	0 1/30 - Mortuny	24 - 24 Flour Composite
					Value NODI								C - No Discharge		C - No Discharge			
					Sample Permit Reg.								Reg Mon MO AVG		Req Mon DAILY MX	19 - mg/l	01/30 - Monthly	24 - 24 Hour Composite
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Value NODI								C - No Discharge		C - No Discharge	15 mg/L	5 17 60 WIOTHIN	Z. Z-rioui composite
													O 140 Discharge		3 140 Discharge			
					Sample Permit Req.								Reg Mon MO AVG		Reg Mon DAILY MX	19 - mg/l	02/30 - Twice Per Month	24 - 24 Hour Composite
01045	Iron, total [as Fe]	1 - Effluent Gross	0		- Troq.											g/ L	52,55 . MOO I OI MOHUI	_ : Z : : : car composito

				Value NODI				C - No Discharge		C - No Discharge			
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0	 Sample Permit Req. Value NODI			<=	1.49 MO AVG C - No Discharge	<=	2.1 DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month:	24 - 24 Hour Composite
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Sample Permit Req. Value NODI	Req Mon MO AVG C - No Discharge	Req Mon DAILY MX 03 - MGD C - No Discharge						01/30 - Monthly	CN - Continuous
50060	Chlorine, total residual	1 - Effluent Gross	0	 Sample Permit Req. Value NODI				Req Mon MO AVG C - No Discharge	<=	0.1 DAILY MX C - No Discharge	19 - mg/L	01/30 - Monthly	GR - Grab
70295	Solids, total dissolved	1 - Effluent Gross	0	 Sample Permit Req. Value NODI				Req Mon MO AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - Grab
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	 Sample Permit Req. Value NODI				Req Mon MO AVG C - No Discharge	<=	50.0 DAILY MX C - No Discharge	3M - ng/L	01/30 - Monthly	GR - Grab

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: 2025-03-13 09:34 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM

Name: Elizabeth Lowes

E-Mail: elizabeth.lowes@chbwv.com

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the non-business email address), confidential business information (e.g., non-business cell phone number or non

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Permit Permit #: NY0000973 Permittee: U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ Major: Yes **Permittee Address:** 1000 INDEPENDENCE AVE SW **Facility Location:** 10282 ROCK SPRINGS ROAD WASHINGTON, DC 20585 WEST VALLEY, NY 14171-9799 Permitted Feature: 01B Discharge: 01B-M Internal Outfall MERCURY PRETREATMENT Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 02/01/25 to 02/28/25 03/28/25 **NetDMR Validated Considerations for Form Completion** Principal Executive Officer **First Name:** Bryan Title: Director-WVDP-DOE Telephone: 716-942-4368

VO	Dat	a inc	dicator	(NODI)	
or	m N	ומסו			

Last Name:

orm NODI:

	Parameter	Monitoring Location	Season #	Param. NODI			Qua	antity or Load	ing				Quality or Conce	ntration			# 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			
					Sample														
00056	Flow rate	1 - Effluent Gross	0		Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d							C	01/07 - Weekly	CN - Continuous
	1 low rate				Value NODI		C - No Discharge		C - No Discharge										
					Sample														
71900	Mercury, total [as Hg]	1 - Effluent Gross	0		Permit Req.								Req Mon MO AVG	<=	50.0 DAILY MX	3M - ng/L	C	02/BA - Twice Per Batch	GR - Grab
71900	,, .e.u. [uo rig]				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: WVDPAC2025 Name: Anna Carr

Bower

E-Mail: anna.carr@chbwv.com

Date/Time: 2025-03-12 13:11 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM

Name: Elizabeth Lowes

E-Mail: elizabeth.lowes@chbwv.com

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <a href="https://www.npde.com/npation/npatio

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Major:

Permit #: NY0000973

Yes

116

Internal Outfall

Permittee: U.S. DEPT OF ENERGY

Permittee Address:

Title:

1000 INDEPENDENCE AVE SW

WASHINGTON, DC 20585

Discharge: 116-M

PSEUDO MON. POINT @FRANKS CRK

Report Dates & Status

Permitted Feature:

Monitoring Period: From 02/01/25 to 02/28/25

DMR Due Date: 03/28/25

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 Bower

Director-WVDP-DOE

Telephone:

Facility:

Facility Location:

716-942-4368

WEST VALLEY DEMONSTRATION PROJ

10282 ROCK SPRINGS ROAD

WEST VALLEY, NY 14171-9799

No Data Indicator (NODI)

Form NODI:

Last Name:

		Parameter	Monitoring Location	Season #	Param. NODI			Quanti	ty or Loading	3					Quality or Conce	ntration			# of Ex.	Frequency of Analysis	Sample Type
	Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units C	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifie	r 3 Value 3	Units			
						Sample															
7	0295	Solids, total dissolved	Z - Instream Monitoring	0		Permit Req.									Req Mon MO AVG	<=	500.0 DAILY MX	19 - mg/L	0	02/DS - Twice Per Discharge	CA - Calculated
			g	,		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: 2025-03-13 09:34 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM

Name: Elizabeth Lowes

E-Mail: elizabeth.lowes@chbwv.com

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the non-business email address), confidential business information (e.g., non-business cell phone number or non

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(I)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit Permit #: NY0000973 Permittee: U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ Major: Yes **Permittee Address:** 1000 INDEPENDENCE AVE SW **Facility Location:** 10282 ROCK SPRINGS ROAD WASHINGTON, DC 20585 WEST VALLEY, NY 14171-9799 SUM SUM-N **Permitted Feature:** Discharge: Internal Outfall SUM OF OUTFALLS 1 & 7 Report Dates & Status **DMR Due Date: Monitoring Period:** From 02/01/25 to 02/28/25 03/28/25 Status: **NetDMR Validated Considerations for Form Completion** Principal Executive Officer **First Name:** Bryan Title: Director-WVDP-DOE Telephone: 716-942-4368 **Last Name:** Bower

Form NO	DI:																			
	Parameter	Monitoring Location	Season #	Param. NODI			Quant	ity or Loading						Quality or Cond	centration			# 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			
					Sample															
01045	Iron, total [as Fe]	2 - Effluent Net	0		Permit Req.									Req Mon MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	CA - Calculated
0.0.0					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

No Data Indicator (NODI)

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_February_2025_Net_Iron_Calculation.pdf

pdf 121169.0

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: 2025-03-13 09:54 (Time Zone: -04:00)

Report Last Signed By

User: ELIZABETH.LOWES@CHBWV.COM

Name: Elizabeth Lowes

E-Mail: elizabeth.lowes@chbwv.com

Attachment B Email Confirmation from NYSDEC

From: netdmr-notification@epa.gov

To: R9.NetDMR@dec.ny.gov; William Kean; Michael Pendl; Joshua Desmarais; Jennifer Dundas; Jamie Prowse;

Elizabeth Lowes; rwring@cattco.org; William Frederick; Matia Varner; Robert Steiner; Anna Carr

Subject: NetDMR DMR(s) Submittal Passed for: NY0000973

Date: Thursday, March 13, 2025 1:30:38 PM

Reminder from the CHBWV IT Department:

This e-mail came from an external source. Do not open attachments or click on links from unknown senders, or in unexpected e-mail messages regardless of the source. Our network security is dependent upon your good judgment. If in doubt, ask before you click.

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

CDX Transaction ID: 4690a063-8478-4183-8578-391a6712de4e

User ID: ELIZABETH.LOWES@CHBWV.COM

Timestamp: 03/13/2025 12:27:33

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: 02/28/25

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: 02/28/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ

Permit ID: NY0000973 Permitted Feature: 01B

Discharge: M - MERCURY PRETREATMENT

Monitoring Period End Date: 02/28/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ

Permit ID: NY0000973 Permitted Feature: 116

Discharge: M - PSEUDO MON. POINT @FRANKS CRK

Monitoring Period End Date: 02/28/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ

Permit ID: NY0000973 Permitted Feature: SUM

Discharge: N - SUM OF OUTFALLS 1 & 7 Monitoring Period End Date: 02/28/25

Thank you.

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