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:2024:0374 May 7, 2024

SUBJECT: Contract No. DE-EM0001529, Section J-3, Item 127, State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR) for the Period April 1, 2024 through April 30, 2024

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 April 1, through April 30, 2024 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,

JASON CASPER JASON CASPER (Affiliate) (Affiliate) Date: 2024.05.07 12:27:53 -04'00'

Jason L. Casper President & General Manager

JLC:WNK:mlv

Attachments:A) SPDES DMR for April 1 through April 30, 2024B) Email Confirmation from NYSDEC

B. C. Bower, DOE-WVDP cc: 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 M. Varner, CHBWV K. A. Wooley, CHBWV Letter Log (M. Varner), CHBWV CHBWV OITS #2330378

Attachment A SPDES DMR

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - APRIL 1 THROUGH APRIL 30, 2024 NET IRON EFFLUENT CONCENTRATION CALCULATION WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

OUTFALL 001	=	$M1 = \frac{(X1 + X2) V1}{2}$	=	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 =	$\frac{(X1 + X2) V7}{2} = 0.00 mg/month$
	X1	=	0.00	mg/L
	Х2	=	0.00	mg/L
	V7	=	0.00	L/month
Note: There	was	no disc	harge	from outfall 007 during this monitoring period.

RAW WATER	=	MRW =	$\frac{(X1 + X2 + X3 + X4) VRW}{4} = 0.00 mg/month$
	Xl	=	0.00 mg/L
	X2	=	0.00 mg/L
	Х3	=	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

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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 NPDEs ereporting Heip Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

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Permit	#:	NY0000973			Permittee	e:		U.S. DEPT OI	ENERGY					Fac	ility:	v	VEST VALLEY DEN	IONSTR	ATION	PROJ	
Major:		Yes			Permittee	Address:		1000 INDEPE WASHINGTO						Fac	ility Location:		0282 ROCK SPRIN VEST VALLEY, NY				
Permitt	ed Feature:	001 External Outfall			Discharg	e:		001-M OUTFALL 00 ⁷	MONTHLY	Y PROC WW, GW	, STORM	1									
Report	Dates & Status													_							
Monito	ring Period:	From 04/01/24	to 04/30/24		DMR Due	Date:		05/28/24						Stat	us:	N	letDMR Validated				
Consid	erations for Form Com	oletion																			
	al Executive Officer				1									1							
First Na		Bryan C.			Title:			Director, USD	OE-WVDP					Tele	ephone:	7	16-942-4368				
Last Na		Bower																			
	a Indicator (NODI)																				
Form N								0											H . C E.		0
Code	Parameter Name		Monitoring Location	1 Season 7	F Param. NOD	1	Qualifier 1	Value 1	antity or Load Qualifier 2		Units	Qualifier 1	Value 1	Qualifier 2	uality or Concentratio Value 2	Qualifier 3	Value 3	Units	# OT EX.	Frequency of Analysis	Sample Type
						Sample															
00154	Sulfate [as S]		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG			19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
						Value NODI									C - No Discharge		C - No Discharge				
						Sample Permit Reg.									Reg Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L	,	02/BA - Twice Per Batch	CA - CALCTD
00181	Oxygen demand, ultimat	e	1 - Effluent Gross	0		Value NODI									C - No Discharge		C - No Discharge	io ingre			0/1 0/12010
_						Sample					-				2		÷		-		
00300	Oxygen, dissolved [DO]		1 - Effluent Gross	0		Permit Req.						>=	3.0 MINIMUM				Req Mon MAXIMUM	19 - mg/L	(02/BA - Twice Per Batch	GR - GRAB
				-		Value NODI							C - No Discharge				C - No Discharge				
						Sample															
00310	BOD, 5-day, 20 deg. C		1 - Effluent Gross	0		Permit Req.										<=		19 - mg/L	0	02/BA - Twice Per Batch	24 - COMP24
						Value NODI									C - No Discharge		C - No Discharge				
						Sample Permit Req.	-					>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		01/BA - Once Per Batch	GR - GRAB
00400	рН		1 - Effluent Gross	0		Value NODI							C - No Discharge				C - No Discharge	12 00			
						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 - COMP24
						Value NODI									C - No Discharge		C - No Discharge				
						Sample															
00545	Solids, settleable		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	<=		25 - mL/L	9	02/BA - Twice Per Batch	GR - GRAB
						Value NODI									C - No Discharge		C - No Discharge				
00550	Oil & Grease		1 - Effluent Gross	0		Sample Permit Reg.									Req Mon MO AVG	<=	15.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
00550	Oli & Grease		1 - Ellident Gloss	0		Value NODI	1								C - No Discharge		C - No Discharge				
						Sample															
00615	615 Nitrogen, nitrite total [as N] 1 - Effluent Gross		0		Permit Req.									Req Mon MO AVG	<=		19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24	
	······································					Value NODI									C - No Discharge		C - No Discharge				
						Sample Permit Reg.									Req Mon MO AVG		Req Mon DAILY MX	10. mg/		01/BA - Once Per Batch	24. COMP24
00620	Nitrogen, nitrate total [as	0		r ennit Req.									Nog WOIT WO AVG		Neg MOIT DAILT MA	ro - mg/L		TIDA - Once Per Dalch	24 * COWF 24		

				Value NODI					C - No Discharge		C - No Discharge		
				Sample Permit Reg.					Reg Mon MO AVG		Reg Mon DAILY MX	10 mg/l	02/BA - Twice Per Batch 24 - COMP2
00625 Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0		Value NODI					·			19 - mg/L	UZ/BA - Twice Per batch 24 - COWF2
									C - No Discharge		C - No Discharge		
		. /		Sample Permit Reg.					Reg Mon MO AVG	<=	0.4 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP2
00746 Sulfide, dissolved, [as S]	1 - Effluent Gross	0		Value NODI					C - No Discharge	-	C - No Discharge	10 - mg. z	
				Sample					C - NO Discharge		C - No Discharge		
	f Efficient Course			Permit Reg.					Reg Mon MO AVG	<=	0.15 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP2
00978 Arsenic, total recoverable	1 - Effluent Gross	0		Value NODI					C - No Discharge		C - No Discharge	10	
				Sample					0 - No Disonaligo		C = NO Disonaligo		
	1 - Effluent Gross	0		Permit Reg.					Req Mon MO AVG	<=	0.005 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - GRAB
00979 Cobalt, total recoverable	1 - Eniuent Gross	0		Value NODI					C - No Discharge		C - No Discharge		
				Sample					0 110 5100112.92		O - No Diosna.g.		
00981 Selenium. total recoverable	1 - Effluent Gross	0		Permit Reg.					Reg Mon MO AVG	<=	0.004 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - GRAE
00981 Selenium, total recoverable	1 - Eniueni Gross	0		Value NODI					C - No Discharge		C - No Discharge		
				Sample					o no biosite.g.		0 - no biosna.g.		
01045 Iron, total [as Fe]	1 - Effluent Gross	0		Permit Req.					Reg Mon MO AVG		Req Mon DAILY MX	19 - mg/L	02/BA - Twice Per Batch 24 - COMP
1045 Iron, total [as Fe]	I - Ellident Gross	0	-	Value NODI					C - No Discharge		C - No Discharge		
				Sample					0 110 5100112.92		O - No Diosna.g.		
04405 Alizminum total Ico All	1 - Effluent Gross	0		Permit Reg.				<=	2.0 MO AVG	<=	4.0 DAILY MX	19 - mg/L	01/BA - Once Per Batch 24 - COMP
01105 Aluminum, total [as Al]	1 - Eniueni Gross	0		Value NODI					C - No Discharge		C - No Discharge		
		<u> </u>		Sample					0 110 5100112		0 - no bioona.gr		
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 - GRAE
01128 Valladium, total recoverable	I - Eniueni Gross	0		Value NODI					C - No Discharge		C - No Discharge		
				Sample					0 110 2				
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 - COMP
34726 Nitrogen, ammonia, total [as NH3]	I - Eniueni Gross	0		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 - CON
Souso Flow, in conduit of thru treatment plant	T - Enident Gross	U		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 - GRAE
Subou Chlorine, total residual	T - Enident Gross	0		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 - GRA
70295 Solius, total dissolved	T - Enident Gross	U		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 - GRA
1900 Mercury, total [as rig]	T - Enident Gross	0		Value NODI					C - No Discharge		C - No Discharge		
				Sample									
81646 Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0		Permit Req.					Reg Mon MO AVG	<=	0.04 DAILY MX	19 - mg/L	01/BA - Once Per Batch GR - GRA
81040 Suffactants [inteal alkylate sufformate]	I - Eniuent Gross	0		Value NODI					C - No Discharge		C - No Discharge		
				Value NODI					C - No Discharge		C - No Discharge		

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.

Date/Time:

Report Last Signed By

Comments

Attachments No attachments. Report Last Saved By U.S. DEPT OF ENERGY User: Name: E-Mail:

william.kean@chbwv.com William Kean william.kean@chbwv.com 2024-05-06 07:25 (Time Zone: -04:00)

User:	ELIZABETH.LOWES@CHBWV.COM
Name:	Elizabeth Lowes
E-Mail:	elizabeth.lowes@chbwv.com
Date/Time:	2024-05-06 15:09 (Time Zone: -04:00)

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Permit																				
Permit	#:	NY0000973		Permitt	tee:	1	U.S. DEPT	OF ENERGY							Facility:		WEST VAL	LEY DEMO	NSTRATION PROJ	
Major:		Yes		Permitt	tee Address:			PENDENCE AVE TON, DC 20585	ESW						Facility L	ocation:		CK SPRINGS LEY, NY 14		
Permit	ted Feature:	007 External Outfall		Dischar	rge:		007-M SANITARY	, NC COOLING \	WATER, UTIL	ITY WASTEWA	ATER, STO	ORMWAT	ER							
Repor	t Dates & Status			1																
Monito	oring Period:	From 04/01/24 to 04	4/30/24	DMR D	ue Date:		05/28/24								Status:		NetDMR V	alidated		
	derations for Form C	completion		1											1					
Princip	oal Executive Officer																			
First N		Bryan C.		Title:		1	Director, US	SDOE-WVDP							Telephon	e:	716-942-43	368		
Last N	ame:	Bower													· · ·					
No Da	ta Indicator (NODI)			1																
Form I																				
	Paramete	ər	Monitoring Location	n Season #	# Param. NODI			Qu	antity or Loadin	9				(Quality or Concentration	on		# o	f Ex. Frequency of Analysis	Sample Type
Code	N	ame					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier	2 Value 2	Qualifier 3	Value 3	Units		
00191	0		1 - Effluent Gross	0		Sample Permit Reg.									Reg Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L	01/30 - Monthly	CA - CALCTD
00181	Oxygen demand, ult	limate	1 - Elliuent Gross	U		Value NODI									C - No Discharge		C - No Discharge	J. J.		
-						Sample											- 5			
00300	Oxygen, dissolved [DOI	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.	с	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	<=	10.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP24
						Value NODI									C - No Discharge		C - No Discharge			
						Sample Permit Reg.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	02/30 - Twice Per Month	GR - GRAB
00400	рН		1 - Effluent Gross	0		Value NODI							C - No Discharge				C - No Discharge	12 00		one one o
_						Sample	-						o no biosnargo				o no bioonargo			
00530	Solids, total suspen	ded	1 - Effluent Gross	0		Permit Req.								<=	30.0 MO AVG	<=	45.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP24
	,p			-		Value NODI									C - No Discharge		C - No Discharge			
						Sample														
00545	Solids, settleable		1 - Effluent Gross	0		Permit Req.										<=		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	4-	15.0 DAILY MX	19 - mg/L	02/30 - Twice Per Month	CD. CDAD
00556	Oil & Grease		1 - Effluent Gross	0		Value NODI									C - No Discharge	~-	C - No Discharge	19 - mg/L	02/30 - Twice Per Month	GR - GRAB
						Sample					-				C - No Discharge		C - NO Discharge			
00615	Nitrogen, nitrite tota	l [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	<=	0.1 DAILY MX	19 - mg/L	01/30 - Monthly	24 - COMP24
00015	Nill Ogen, mune tota		1 - Enident Gross	0		Value NODI									C - No Discharge		C - No Discharge			
						Sample														
00625	Nitrogen, Kjeldahl, t	otal [as N]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	01/30 - Monthly	24 - COMP24
						Value NODI									C - No Discharge		C - No Discharge			
						Sample									De Marino AVIO		D. M. DAILVING	10	00/00 Tulu Dualt ii	001001
01045	Iron, total [as Fe]		1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice Per Month	24 - COMP24

				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 - COMP24
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	 Sample Permit Req. Value NODI	Req Mon MO A C - No Disch	Req Mon DAILY MX C - No Discharge	03 - MGD							01/30 - Monthly	CN - CONTIN
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:	2024-05-06 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:	2024-05-06 15:09 (Time Zone: -04:00)

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Permit																				
Permit #	t:	NY0000973			Per	mittee:		U.S. DE	EPT OF ENERGY				Facil	lity:	V	VEST VALLEY DEM	ONSTRAT	ION PRO	DJ	
Major:		Yes			Per	mittee Ade	dress:		NDEPENDENCE AV INGTON, DC 20585				Facil	lity Location:		0282 ROCK SPRIN VEST VALLEY, NY 1		Ð		
Permitte	d Feature:	01B Internal Outfall			Dis	charge:		01B-M Mercu	URY PRETREATME	INT										
Report	Dates & Status																			
Monitor	ng Period:	From 04/01/24 to	04/30/24		DM	R Due Dat	e:	05/28/2	24				Statu	us:	N	letDMR Validated				
Conside	rations for Form Comple	tion											•							
Principa	I Executive Officer																			
First Na	me:	Bryan C.			Titl	e:		Directo	r, USDOE-WVDP				Tele	phone:	7	16-942-4368				
Last Na	me:	Bower											•							
No Data	Indicator (NODI)																			
Form N	DDI:																			
	Parameter	Monitoring Location	Season #	Param. NODI				antity or Loadi						Quality or Conce				# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Operate	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 Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d									01/07 - Weekly	CN - CONTIN
00050	Flow rate	I - Ellident Gloss	U		Value NODI		C - No Discharge		C - No Discharge											
					Sample				Ū											
71900	Mercury, total [as Hg]	1 - Effluent Gross	0		Permit Req.									Req Mon MO AVG	<=	50.0 DAILY MX	3M - ng/L		02/BA - Twice Per Batch	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
Submis	sion Note																			
If a para	meter row does not contain	any values for the Sa	mple nor l	Effluent Tradin	ig, then none	e of the follo	owing fields will be s	submitted for	that row: Units, Num	ber of Exe	cursions, Fre	equency	of Analys	is, and Sample Type						
Edit Ch	eck Errors																			
No error	S.																			
Comme	nts																			
Attachn	ents																			
No attachn																				
Report	ast Saved By																			
U.S. DE	PT OF ENERGY																			
User:				william.kean@	ochbwv.com															
Name:				William Kea	n															
E-Mail:				william.kean@	ochbwv.com															
Date/Tin	ie:			2024-05-06 0)7:25 (Time	Zone: -04:	:00)													
Report	ast Signed By																			
User:				ELIZABETH.L	OWES@CH	BWV.CON	Λ													
Name:				Elizabeth Lo																
E-Mail:				elizabeth.lowe	es@chbwv.c	om														
Date/Tin	ie:			2024-05-06 1	5:09 (Time	Zone: -04:	:00)													
				_								_								

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 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 requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the <u>NPDES eReporting Help Desk</u> for further guidance. Please note that EPA may contact you submit this report for more information.

Permit																			
Permit #:		NY0000973		Permitt	ee:		U.S. DEP	OF ENER	GY				Facility:		WEST V	ALLEY DEM	ONSTR	ATION PROJ	
Major:		Yes		Permitt	ee Address:			PENDENC TON, DC 2		SW			Facility L	ocation:		OCK SPRIN			
Permitte	d Feature:	116 Internal Outfall		Dischar	rge:		116-M PSEUDO	MON. POIN	IT @FR	ANKS CRK	(
Report D	ates & Status			•															
Monitori	ng Period:	From 04/01/24 to 04/30/24		DMR D	ue Date:		05/28/24						Status:		NetDMR	Validated			
Conside	rations for Form Comple	tion		•															
IF PSUE	OO MONITORING POINT	REPORT IS NOT REQUIRED I	OURING THE	MONITORIN	IG PERIOD, E	ITHER CH	ECK THENO D	SCHARGE	BOX O	R ENTER '	NODI A'I	N PLACE C	OF A MEASUREMENT	TO INDIC	ATE A GENERAL PE	RMIT EXEM	PTION.		
Principal	Executive Officer																		
First Nan	ne:	Bryan C.		Title:			Director, I	SDOE-WV	DP				Telephor	e:	716-942	-4368			
Last Nan	ne:	Bower											•						
No Data	Indicator (NODI)																		
Form NO	DI:	-																	
	Parameter	Monitoring Location	Season #	Param. NODI			Quantity or Lo						Quality or Conce				# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Ormuta	Qualifier 1	Value 1 Quality	er 2 Value	2 Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
70205	Collida Astal disastered	Z - Instream Monitoring	0		Sample Permit Req.								Req Mon MO AVG	<=	500.0 DAILY MX	19 - mg/L		02/DS - Twice Per Discharge	CA - CALCTD
70295	Solids, total dissolved	Z - Instream womonitoring	0		Value NODI								C - No Discharge		C - No Discharge				
Submiss	ion Note																		
		any values for the Sample nor	Effluent Tradi	ina. then none	e of the followi	na fields wil	l be submitted	or that row:	Units. N	Number of E	Excursior	ns. Freauen	cv of Analvsis, and Sa	mple Type.					
Edit Che				5,		5						· ·							
No errors																			
Commen	ts																		
Attachm	ents																		
No attachme	ents.																		
Report L	ast Saved By																		
U.S. DEF	T OF ENERGY																		
User:			william.kean	@chbwv.com															
Name:			William Ke	an															
E-Mail:			william.kean	@chbwv.com															
Date/Tim	e:		2024-05-06	07:25 (Time	Zone: -04:00)													
Report L	ast Signed By																		
User:			ELIZABETH.	LOWES@CH	BWV.COM														
Name:			Elizabeth L	owes															
E-Mail:																			
Date/Tim	e:		2024-05-06	15:09 (Time	Zone: -04:00)													

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 NPDEs ereporting Heip Desk for further guidance. Please note that EPA may contact you after you submit this report for more information.

Permit																				
Permit #:		NY0000973			Permitte	e:		U.S	. DEPT C	OF EN	IERGY			Facility:		WEST VALLEY	DEMONS	TRATION	PROJ	
Major:		Yes			Permitte	e Address:			0 INDEP SHINGT		ENCE AVE S C 20585	W		Facility Locat	ion:	10282 ROCK SI WEST VALLEY				
Permitted	Feature:	SUM Internal Outfall			Discharg	ge:		SUI	M-N M OF OU	ITFALI	LS 1 & 7									
Report Da	ntes & Status				•															
Monitorin	g Period:	From 04/01/24 to 04	4/30/24		DMR Due	e Date:		05/2	28/24					Status:		NetDMR Valida	ted			
Consider	ations for Form Comple	etion																		
Principal	Executive Officer																			
First Nam	e:	Bryan C.			Title:			Dire	ector, USI	DOE-V	WVDP			Telephone:		716-942-4368				
Last Nam	e:	Bower																		
No Data I	ndicator (NODI)																			
Form NO	DI:																			
Quili	Parameter	Monitoring Location	Season #	Param. NODI		Qualificat		tity or Loading		11-24-	Qualificant	Making d	0	Quality or Concer		Malua 0	11-21-	# of Ex.	Frequency of Analysis	Sample Type
Code	Name				Sample	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		Permit Req.									Req Mon MO AVG	<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
Submissi	on Note																			
If a param	eter row does not contai	n any values for the San	nple nor Effl	luent Trading, th	nen none of th	e following fie	elds will b	e submitted	for that re	ow: Ur	nits, Number	of Excurs	sions, Freque	ency of Analysis, and Sa	mple Type.					
Edit Chec	k Errors																			
No errors.																				
Comment	s																			
Attachme	nts																			
						Name										Туре			Size	
WVDP_Ap	il_2024_Net_Iron_Calculat	ion.pdf														odf		339601.0)	
Report La	st Saved By																			
U.S. DEP	OF ENERGY																			
User:			wil	lliam.kean@chb	wv.com															
Name:			Wi	illiam Kean																
E-Mail:			wil	lliam.kean@chb	wv.com															
Date/Time	:		20	24-05-06 08:36	6 (Time Zone	e: -04:00)														
Report La	st Signed By																			
User:			EL	IZABETH.LOW	ES@CHBWV	COM.														
Name:			Eli	izabeth Lowes	5															
E-Mail:			eliz	zabeth.lowes@	chbwv.com															
Date/Time	:		20	24-05-06 15:09) (Time Zone	e: -04:00)														

Attachment B Email Confirmation from NYSDEC

From:	netdmr-notification@epa.gov
То:	Robert Steiner; Matia Varner; William Frederick; rwring@cattco.org; Elizabeth Lowes; Jamie Prowse; Jennifer
	Dundas; Joshua Desmarais; R9.NetDMR@dec.ny.gov; William Kean; Bonnie Jeffery; Michael Pendl
Subject:	NetDMR DMR(s) Submittal Passed for: NY0000973
Date:	Monday, May 6, 2024 4:31:19 PM

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

CDX Transaction ID: 6033fe15-3a70-4cfb-a7c9-86fbeaa8655c User ID: ELIZABETH.LOWES@CHBWV.COM Timestamp: 05/06/2024 15:09:06 _____ 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: 04/30/24 _____ 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: 04/30/24 -----Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 01B Discharge: M - MERCURY PRETREATMENT Monitoring Period End Date: 04/30/24 _____ Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 116 Discharge: M - PSEUDO MON. POINT @FRANKS CRK Monitoring Period End Date: 04/30/24 _____ Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: SUM Discharge: N - SUM OF OUTFALLS 1 & 7 Monitoring Period End Date: 04/30/24

Thank you.

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

CORRESPONDENCE CONTROL SHEET

Correspondence Code	Author's Name & Extension	Date Review Submitted	Date Review Due	Disposition Authority/File Series Code		
WD:2024:0374	William Kean/ 4865	5/2/24	5/2/24	ENV 1.K.2.B		
Subject:		I		<u> </u>		
Contract No. DE-EM0001529, Section J-3, Item 127, State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR) for the Period April 1 through April 30, 2024						
Doos this Correspondence	a Boonand to any DOE or Bogulator Correspon	danaa?				
-	ce Respond to any DOE or Regulator Correspon	dence?				
✓ No □ Yes – If yes, then identify the following: Correspondence Code: OITS Number:						
Does this correspondence	e 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.]						
No Yes - If yes, ensure the document(s) is properly stamped and marked as OUO per requirements of WVDP-402. If Proprietary, documentation must also be properly marked as such per requirements of WVDP-402.						
Does this correspondence	e contain ECI (OUO, FOIA Exemption 3)?					
[i.e., technical information	n that would be restricted by statute; refer to WVDP-402 fo	r guidance on this det	ermination.]			
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).						
				itally signed by KIMBERLEY NSFIELD (Affiliate)		
OUO Reviewer/ECI Scree	ner <u>or</u> ECI Document Reviewer: Kim Mansfield		SFIELD (Affiliate) Dat	e: 2024.05.02 14:31:17 -04'00'		
		Printed Name/Sig	nature			
Funding Commitment						
Does this correspondence commit funds?						
No						
🔲 Yes - If yes, then obtain Business Manager/CFO and Program Management Office Manager review.						

REVIEWER APPROVALS (only used for hard copy process)					
Printed Name	Signature / Date	Approve	Approve w/Comments	Disapprove	
William Kean	WILLIAM KEAN (Affiliate) Digitally signed by WILLIAM KEAN (Affiliate) Date: 2024.05.06 07:47:58 -04'00'	[7]			
Robert Steiner	ROBERT STEINER (Affiliate) Digitally signed by ROBERT STEINER (Affiliate) Date: 2024.05.02 10:28:56 -04'00'	 Image: A start of the start of			
Elizabeth Lowes	ELIZABETH LOWES (Affiliate)	 Image: A start of the start of			
Lynn Hollfelder	LYNN HOLLFELDER (Affiliate) Digitally signed by LYNN HOLLFELDER (Affiliate) Date: 2024.05.02 14:53:11 -04'00'	[/]			
Josh DesMarais	Approval Obtained Electronically 5/2/2024	X			
William Frederick	Josh DesMarais for William Frederick 5/2/2024	[X]			
Reviewer sign & date indicating satisfactory resolution of disapproved comments:					

From:	<u>Matia Varner</u>
То:	Matia Varner
Subject:	FW: SPDES DMR Draft Letter
Date:	Thursday, May 2, 2024 2:09:38 PM

From: DesMarais, Joshua <<u>Joshua.DesMarais@emcbc.doe.gov</u>>

Sent: Thursday, May 2, 2024 12:57 PM

To: William Kean <<u>William.Kean@chbwv.com</u>>; Lynn Hollfelder <<u>Lynn.Hollfelder@chbwv.com</u>>; Kim Mansfield <<u>Kim.Mansfield@chbwv.com</u>>; Robert Steiner <<u>Robert.Steiner@chbwv.com</u>>; Elizabeth Lowes <<u>Elizabeth.Lowes@chbwv.com</u>>; William Frederick <<u>William.Frederick@emcbc.doe.gov</u>> **Cc:** Jennifer Dundas <<u>Jennifer.Dundas@emcbc.doe.gov</u>> **Subject:** RE: SPDES DMR Draft Letter

Good Afternoon Matia,

Bill and I have reviewed the DMR and are approving with no comments.

Thanks, Josh

From: William Kean <<u>William.Kean@chbwv.com</u>>
Sent: Thursday, May 2, 2024 8:02 AM
To: Hollfelder, Lynn <<u>Lynn.Hollfelder@chbwv.com</u>>; Mansfield, Kim <<u>Kim.Mansfield@chbwv.com</u>>;
Steiner, Robert <<u>robert.steiner@chbwv.com</u>>; Elizabeth Lowes <<u>Elizabeth.Lowes@chbwv.com</u>>;
DesMarais, Joshua <<u>Joshua.DesMarais@emcbc.doe.gov</u>>; Frederick, William
<<u>William.Frederick@emcbc.doe.gov</u>>
Cc: Dundas, Jennifer <<u>Jennifer.Dundas@emcbc.doe.gov</u>>
Subject: FW: SPDES DMR Draft Letter

Reminder From EMCBC IT Services: This email came from an external source. Do not open attachments or click on links from unknown senders or in unexpected emails.

Good morning please see the attached for your review and approval. Please note that there were no discharges this month.

Please see Matia's note below regarding signatures.

Bill

From: Matia Varner <<u>Matia.Varner@chbwv.com</u>>
Sent: Thursday, May 2, 2024 7:51 AM
To: William Kean <<u>William.Kean@chbwv.com</u>>
Subject: RE: SPDES DMR Draft Letter

Hi Bill,

I've updated the April SPDES letter. Below is the link CHBWV employees can use to digitally sign the WV-1010. DOE employees will need to provide their approval via email. Let me know if you'd like me to send this for review.

S:\! Varner, M\Docs for Digital Signature\WV-1010 for SPDES Apr2024.pdf

Thanks!

Matia Varner WVDP Regulatory Strategy Mobile: 208-807-1106

From: William Kean <<u>William.Kean@chbwv.com</u>>
Sent: Thursday, May 2, 2024 7:11 AM
To: Matia Varner <<u>Matia.Varner@chbwv.com</u>>
Subject: SPDES DMR Draft Letter

Hi Matia,

Please see the attached draft SPDES letter that I would like to have submitted today if we can.

Thanks.

Bill