# 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:2024:0292 April 10, 2024

SUBJECT: Contract No. DE-EM0001529, Section J-3, Item 127, State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR) for the Period March 1, 2024 through March 31, 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 March 1, through March 31, 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 (Affiliate) Digitally signed by JASON CASPER (Affiliate) Date: 2024.04.10 08:02:19 -04'00'

Jason L. Casper President & General Manager

JLC:WNK:mlv

Attachments:A) SPDES DMR for March 1 through March 31, 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 #2330377

Attachment A SPDES DMR

#### ATTACHMENT

#### SPDES DISCHARGE MONITORING REPORT - MARCH 1 THROUGH MARCH 31, 2024 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		
Х2	=	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
	X2	=	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

Permit																			
Permit		NY0000973			Permittee			U.S. DEPT OI	ENERG	(				Fac	cility:		WEST VALLEY DE	MONSTRAT	ION PROJ
Major:		Yes				Address:		1000 INDEPE WASHINGTO	NDENCE	AVE SW					cility Location:		10282 ROCK SPRI WEST VALLEY, NY	NGS ROAD	
Permit	ted Feature:	001 External Outfall			Discharge	e:		<b>001-M</b> OUTFALL 00 <sup>7</sup>	I MONTHI	Y PROC WW, G	W, STOR	М							
Report	Dates & Status																		
	ring Period: derations for Form Cor	From 03/01/24 mpletion	to 03/31/24		DMR Due	Date:		04/28/24						Sta	itus:		NetDMR Validated		
Princip	al Executive Officer																		
First Na Last Na		Bryan C. Bower			Title:			Director, USD	OE-WVDF	<b>b</b>				Tel	ephone:		716-942-4368		
No Dat	ta Indicator (NODI)				1														
Form N	IODI:																		
Code	Parameter		Monitoring Location	Season #	# Param. NODI		Qualifier 1	Qua Value 1	ntity or Loa Qualifier 2		Unito	Qualifier 1	Value 1	Qualifier :	uality or Concentration 2 Value 2	on Qualifie	r 3 Value 3	# of Units	Ex. Frequency of Analysis Sample Type
Code	Name					Sample	Quaimer 1	value i	Quaimer 2	value 2	Units	Quaimer 1	value i	Quaimer .	z value z	Quanne	r s value s	Units	
00154	Sulfate [as S]		1 - Effluent Gross	0		Permit Req. Value NODI									Req Mon MO AVG C - No Discharge		Req Mon DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch 24 - COMP24
00181	Oxygen demand, ultim	ate	1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon MO AVG C - No Discharge	<=	22.0 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch CA - CALCTD
00300	Oxygen, dissolved [DO	9]	1 - Effluent Gross	0		Sample Permit Req. Value NODI						>=	3.0 MINIMUM C - No Discharge				Req Mon MAXIMUM C - No Discharge	19 - mg/L	02/BA - Twice Per Batch GR - GRAB
00310	BOD, 5-day, 20 deg. C		1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon MO AVG C - No Discharge	<=	10.0 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
00400	рН		1 - Effluent Gross	0	-	Sample Permit Req. Value NODI						>=	6.5 MINIMUM C - No Discharge			<=	8.5 MAXIMUM C - No Discharge	12 - SU	01/BA - Once Per Batch GR - GRAB
00530	Solids, total suspended	d	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI								<=	30.0 MO AVG C - No Discharge	<=	45.0 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
00545	Solids, settleable		1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon MO AVG C - No Discharge	<=	0.3 DAILY MX C - No Discharge	25 - mL/L	02/BA - Twice Per Batch GR - GRAB
00556	Oil & Grease		1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon MO AVG C - No Discharge	<=	15.0 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch GR - GRAB
00615	Nitrogen, nitrite total [a	as N]	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/BA - Once Per Batch 24 - COMP24
00620	Nitrogen, nitrate total [	as N]	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	01/BA - Once Per Batch 24 - COMP24
00625	Nitrogen, Kjeldahl, tota	al [as N]	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/BA - Twice Per Batch 24 - COMP24
00746	Sulfide, dissolved, [as	sj	1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon MO AVG C - No Discharge	<=	0.4 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch 24 - COMP24
00978	Arsenic, total recovera	ble	1 - Effluent Gross	0		Sample Permit Req. Value NODI									Req Mon MO AVG C - No Discharge	<=	0.15 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch 24 - COMP24

00979	Cobalt, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI					Req Mon MO		0.005 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch GR - GRAB
00981	Selenium, total recoverable	1 - Effluent Gross	0	-	Sample Permit Req. Value NODI					Req Mon MO	VG <=	0.004 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch GR - GRAB
01045	iron, total [as Fe]	1 - Effluent Gross	0		Sample Permit Req. Value NODI					Req Mon MO		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
01105	Aluminum, total [as Al]	1 - Effluent Gross	0		Sample Permit Req. Value NODI				<	= 2.0 MO AVG C - No Disc	<= arge	4.0 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch 24 - COMP24
01128	Vanadium, total recoverable	1 - Effluent Gross	0		Sample Permit Req. Value NODI					Req Mon MO		0.014 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch GR - GRAB
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0		Sample Permit Req. Value NODI				<	= 1.5 MO AVG C - No Disc	<= arge	2.1 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
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 C - No Discharge	03 - MGD						02/BA - Twice Per Batch CN - CONTIN
50060	Chlorine, total residual	1 - Effluent Gross	0		Sample Permit Req. Value NODI					Req Mon MO		0.1 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch GR - GRAB
70295	Solids, total dissolved	1 - Effluent Gross	0		Sample Permit Req. Value NODI					Req Mon MO		Req Mon DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0		Sample Permit Req. Value NODI				<	= 50.0 MO AVG C - No Disc	arge	Req Mon DAILY MX C - No Discharge	3M - ng/L	01/BA - Once Per Batch GR - GRAB
81646	Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0		Sample Permit Req. Value NODI					Req Mon MO		0.04 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch 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:	2024-04-08 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:	2024-04-08 08:54 (Time Zone: -04:00)

Permit																					
Permit		NY0000973		Permit	tee:		U.S. DEPT (	OF ENERGY							Facility:		WEST VAL	LEY DEM	ONSTRATION I	PROJ	
Major:		Yes		Permit	tee Address	:		ENDENCE AVI ON, DC 20585	ESW						Facility L	ocation:	10282 ROO WEST VAL	CK SPRINC			
Permit	ted Feature:	007 External Outfall		Discha	irge:		007-M SANITARY,	NC COOLING	WATER, L	JTILITY WASTEW	/ATER, S	FORMV	VATER								
Report	Dates & Status																				
Monito	ring Period:	From 03/01/24 to 0	3/31/24	DMR D	ue Date:		04/28/24								Status:		NetDMR V	alidated			
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	Parame	ter	Monitoring Location	n Season #	# Param. NODI				intity or Loa						Quality or Concentration				of Ex. Frequency	of Analysis	Sample Type
Code	1	lame				Sample	Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifie	r 1 Value 1	Qualifier	2 Value 2	Qualifier	3 Value 3	Units			
00181	Oxygen demand, u	ultimate	1 - Effluent Gross	0		Permit Req	ą.								Req Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L	01/30 - Mont	hly	CA - CALCTE
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					Value NOD	0								C - No Discharge		C - No Discharge				
						Sample Permit Req						>=	3.0 MINIMUM				Req Mon MAXIMUM	10	02/30 - Twice	Des Manth	CD CDAD
00300	Oxygen, dissolved	[DO]	1 - Effluent Gross	0		Value NOD						~-	C - No Discharge				C - No Discharge	19 - Hig/L	02/30 - TWICE	e rei monui	GIX - GIVAD
						Sample Permit Req									Reg Mon MO AVG	<=	10.0 DAILY MX	19 - mg/L	02/30 - Twice	Per Month	24 - COMP24
00310	BOD, 5-day, 20 deg	g. C	1 - Effluent Gross	0		Value NOD									C - No Discharge		C - No Discharge	io ingre	0200 1110	or or monut	21 0000 21
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00400	рН		1 - Effluent Gross	0		Permit Req						>=	6.5 MINIMUM			<=		12 - SU	02/30 - Twice	e Per Month	GR - GRAB
						Value NOD Sample							C - No Discharge				C - No Discharge				
00530	Solids, total suspe	beba	1 - Effluent Gross	0	_	Permit Req	4.							<=	30.0 MO AVG	<=	45.0 DAILY MX	19 - mg/L	02/30 - Twice	e Per Month	24 - COMP24
00000			1 - Endent Gross	0	-	Value NOD	01								C - No Discharge		C - No Discharge				
						Sample									-						
00545	Solids, settleable		1 - Effluent Gross	0		Permit Req Value NOD									Req Mon MO AVG C - No Discharge	<=	0.3 DAILY MX C - No Discharge	25 - mL/L	02/30 - Twice	e Per Month	GR - GRAB
						Sample									C - NO Discharge		C - No Discharge				
00556	Oil & Grease		1 - Effluent Gross	0		Permit Req	1.								Req Mon MO AVG	<=	15.0 DAILY MX	19 - mg/L	02/30 - Twice	e Per Month	GR - GRAB
						Value NOD	01								C - No Discharge		C - No Discharge				
						Sample Permit Req									Reg Mon MO AVG	<=	0.1 DAILY MX	19 - mg/L	01/30 - Mont	blv	24 - COMP24
00615	Nitrogen, nitrite to	tai [as N]	1 - Effluent Gross	0		Value NOD									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	01/30 - Mont	hly	24 - COMP24
						Value NOD	01								C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]		1 - Effluent Gross	0		Sample Permit Req	1.								Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	02/30 - Twice	e Per Month	24 - COMP24
01040	iron, total [as re]		1 - Endent Gross	0	-	Value NOD	0								C - No Discharge		C - No Discharge				
						Sample															
34726	Nitrogen, ammonia	a, total [as NH3]	1 - Effluent Gross	0		Permit Req								<=	1.49 MO AVG	<=		19 - mg/L	02/30 - Twice	e Per Month	24 - COMP24
						Value NOD Sample	"								C - No Discharge		C - No Discharge				
50050	Flow, in conduit or	r thru treatment plant	1 - Effluent Gross	0		Permit Req	ı. Re	eq Mon MO AVG		Req Mon DAILY MX	03 - MGD								01/30 - Mont	hly	CN - CONTIN
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						Sample									Des Mars MO AVO			10	01/20 11-11	h h c	CD. CDAD
50060	Chlorine, total resi	dual	1 - Effluent Gross	0		Permit Req										<=		19 - mg/L	01/30 - Mont	niy	GR - GRAB
						Value NOD									C - No Discharge		C - No Discharge				

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		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
lf a par		or the Sample nor E	Effluent T	Frading, ther	then none of the following fields will be su	Ibmitted for that row: Units,	Number of Excursions, F	requency of Analysis, and Sample Type.				
User: Name: E-Mail: Date/T		W wi	'illiam ł illiam.kea	an@chbwv.c								
	Last Signed By	El	LIZABET izabeth	H.LOWES	ES@CHBWV.COM							
Date/T	ime:	20	)24-04-0	8 08:54 (T	(Time Zone: -04:00)							

Permit																				
Permit		NY0000973			Be	ermittee:		1191		,			Facil	itur		WEST VALLEY DE		PATIC		
Major:	<i>π</i> .	Yes				ermittee A	ddrocos				,			ity Location:		10282 ROCK SPR			111105	
wajor.		165				Annual P	luuress.		HINGTON, DC 205				Facil	ity Location.		WEST VALLEY, N				
Permit	ted Feature:	01B Internal Outfall			Di	scharge:		01B-M	<b>N</b> CURY PRETREAT	MENT										
Report	Dates & Status																			
Monito	ring Period:	From 03/01/24 t	o 03/31/	24	DI	MR Due D	ate:	04/28	/24				Statu	is:		NetDMR Validated	d			
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Princin	al Executive Officer																			
First N		Bryan C.			ITe	tle:		Direct	tor, USDOE-WVDF	2			Tolor	ohone:		716-942-4368				
Last Na		Bower				ue.		Direct	UI, USDOE-WVDF				Tele	Shone.		710-942-4300				
	ame: a Indicator (NODI)	Bower			I															
Form N																				
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					Sample															
00056	Flow rate	1 - Effluent Gross	0		Permit Req		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/c									01/07 - Weekly	CN - CONT
					Value NOD		C - No Discharge		C - No Discharge								_			
					Sample Permit Reg									Reg Mon MO AVG	<=	50.0 DAILY MX	3M - ng/L		02/BA - Twice Per Batch	GR - GRAB
71900	Mercury, total [as Hg]	1 - Effluent Gross	0		Value NOD									C - No Discharge		C - No Discharge		-	02/DA - Twice T of Daton	OIX - OIVAD
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Permit a	#:	NY0000973		Permi	ittee:		U.S. DE	PT OF E	ENERG	Ϋ́			Faci	lity:		WEST V	ALLEY	DEMON	NSTRATION PROJ	
Major:		Yes		Permi	ittee Addre	ISS:	1000 INI WASHIN			AVE SW 585	/		Faci	lity Location	on:		ROCK SF /ALLEY,		8 ROAD 171-9799	
Permitt		116 Internal Outfall		Disch	narge:		116-M PSEUDO	O MON.	. POINT	@FRAN	KS CRM	<								
Report	Dates & Status																			
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Principa	al Executive Officer																			
First Na	ame:	Bryan C.		Title:			Director,	USDO	E-WVD	P			Tele	phone:		716-942	-4368			
Last Na	ime:	Bower																		
No Data	a Indicator (NODI)																			
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Code	Name				Sample	Qualifier 1	Value 1 Qualif	ier 2 Valu	ue 2 Unit	s Qualifier	1 Value 1	Qualifier 2	2 Value 2	Qualifi	er 3	Value 3	Units			
70295	Solids, total dissolved	Z - Instream Monitoring	0		Permit Req.								Req Mon MO AV	G <=	500.0	DAILY MX	19 - mg/L		02/DS - Twice Per Dischar	ge CA - CALCT
					Value NODI								C - No Discha	rge	C - 1	No Discharge				
	sion Note																			
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If a para Edit Ch No error Comme Attachn No attachn Report U.S. DE	meter row does not co eck Errors rs. 					n none of	the following	fields w	rill be su	ubmitted f	or that n	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple Ty	ype.	
If a para Edit Ch No erroi Comme Attachm No attachm Report U.S. DE User:	meter row does not co eck Errors rs. ints ments Last Saved By		william.ke	ean@chbwv		n none of	the following	fields w	rill be su	ubmitted fi	or that r	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple Ty	ype.	
If a para Edit Ch No error Comme Attachm No attachm Report U.S. DE User: Name:	meter row does not co eck Errors rs. ints ments Last Saved By		william.ke William	ean@chbwv Kean	r.com	n none of	the following	fields w	rill be su	ubmitted fi	or that n	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple Ty	ype.	
If a para Edit Ch No error Comme Attachn No attachn Report U.S. DE User: Name: E-Mail:	meter row does not co eck Errors rs. ents ments Last Saved By IPT OF ENERGY		william.ke William william.ke	ean@chbwv Kean ean@chbwv	.com		the following	fields w	rill be su	ubmitted fo	or that n	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	a, and Sa	mple T	ype.	
If a para Edit Ch No error Comme Attachn No attachn Report U.S. DE User: Name: E-Mail: Date/Tir	meter row does not co eck Errors rs. ents ments Last Saved By IPT OF ENERGY		william.ke William william.ke	ean@chbwv Kean	.com		the following	fields w	rill be su	ubmitted fr	or that n	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple T	ype.	
If a para Edit Ch No error Comme Attachm No attachm No attachm Report U.S. DE User: Name: E-Mail: Date/Tir Report	meter row does not co eck Errors rs. ents ments Last Saved By IPT OF ENERGY		william.ke William william.ke 2024-04-1	ean@chbwv Kean ean@chbwv 08 07:24 (	.com Time Zone	: -04:00)	the following	fields w	rill be su	ubmitted fr	or that n	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple Ty	ype.	
If a para Edit Ch No error Comme Attachn No attachn Report U.S. DE User: Name: E-Mail: Date/Tir Report User:	meter row does not co eck Errors rs. ents ments Last Saved By IPT OF ENERGY		william.ke William william.ke 2024-04-I ELIZABE	ean@chbwv Kean ean@chbwv 08 07:24 ( TH.LOWES	.com Time Zone	: -04:00)	the following	fields w	rill be su	ubmitted fr	or that r	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple Ty	ype.	
If a para Edit Ch No error Comme Attachn No attachn Report U.S. DE User: Name: E-Mail: Date/Tir Report User: Name:	meter row does not co eck Errors rs. ents ments Last Saved By IPT OF ENERGY		william.ke William william.ke 2024-04- ELIZABE Elizabeth	aan@chbwv Kean aan@chbwv 08 07:24 ( TH.LOWES i Lowes	.com (Time Zone @CHBWV	: -04:00)	the following	fields w	rill be su	ubmitted fr	or that r	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	, and Sa	mple Ty	ype.	
If a para Edit Ch No error Comme Attachn No attachn Report U.S. DE User: Name: E-Mail: Date/Tir Report User:	meter row does not co eck Errors rs. ents ments Last Saved By PT OF ENERGY me: Last Signed By		william.ke William william.ke 2024-04-1 ELIZABE Elizabeth elizabeth	ean@chbwv Kean ean@chbwv 08 07:24 ( TH.LOWES	.com (Time Zone @CHBWV wwv.com	: -04:00) COM	the following	fields w	rill be su	ubmitted fi	or that n	ow: Units	, Number of Ex	cursions, F	requenc	y of Analysis	and Sa	mple T	ype.	

Permit																		
Permit #	#:	NY0000973	Permittee:		ι	J.S. DEPT	OF ENERG	Y					Facility:		WEST VA	LLEY DEMONS	STRATION PROJ	
Major:		Yes	Permittee Ad	dress:			PENDENCE FON, DC 205						Facility Lo	cation:		CK SPRINGS F LLEY, NY 1417		
Permitte	ed Feature:	007 External Outfall	Discharge:			007-W DUTFALL 0	007 WET TE	STING Q	UARTERL	Y								
Report L	Dates & Status		•															
Monitori	ing Period:	From 01/01/24 to 03/31/24	DMR Due Dat	te:	(	)5/28/24							Status:		NetDMR \	alidated		
Conside	erations for Form Co	mpletion	•															
SEE PER	RMIT FOOTNOTES F	OR WET TESTING REQUIREMENTS																
Principa	al Executive Officer																	
First Na	ime:	Bryan C.	Title:		[	Director, US	SDOE-WVDF	5				1	Telephone		716-942-4	368		
Last Na	me:	Bower										I						
No Data	Indicator (NODI)		1															
Form NO																		
1 onn rec		Parameter	Monitoring Location	Season	# Param. NOD	01	C	uantity or	Loading				Qua	lity or Cond	centration		# of Ex. Frequency of An	alysis Sample Type
Code		Name	Ĩ				Qualifier 1 Va	alue 1 Qual	lifier 2 Value	2 Units Qua	alifier 1 V	alue 1 Qu	ualifier 2 Valu	e 2 Qualifie	r 3 Value 3	Units		
						Sample								<=	0.3 MAXIMUM	2F - tox acute	01/90 - Quarterly	24 - COMP24
61425	Toxicity [acute], Cerio	daphnia dubia	V - See Comments	0		Permit Req								<=	C - No Discharge		01/90 - Quarterly	24 - COMP24
						Value NOD	"							_	C - No Discharge			
						Sample Permit Reg								<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
61426	Toxicity [chronic], Ce	riodaphnia dubia	V - See Comments	0		Value NOD									C - No Discharge		o noo quanony	21 0000 21
_						Sample								-	o no biositargo			
61407	Toxicity Icoutel Dime	phales promelas [Fathead Minnow]	V - See Comments	0		Permit Reg	1.							<=	0.3 MAXIMUM	2F - tox acute	01/90 - Quarterly	24 - COMP24
01427	Toxicity [acute], Pline	phales prometas [Fathead withiow]	v - See Comments	0		Value NOD	н								C - No Discharge			
						Sample									-			
61428	Toxicity [chronic], Pin	nephales promelas [Fathead Minnow]	V - See Comments	0		Permit Req	1.							<=	1.0 MAXIMUM	2G - tox chronic	01/90 - Quarterly	24 - COMP24
				-		Value NOD	0								C - No Discharge			
Submiss	sion Note																	
If a para	meter row does not co	ontain any values for the Sample nor E	ffluent Trading, then	none of	the followin	g fields will	be submitte	d for that	row: Units.	Number o	of Excur	sions, F	requency o	f Analysis	, and Sample Type.			
	eck Errors	,	5,			5						<i>.</i>	. ,					
No error																		
Comme																		
Comme	ints																	

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:	2024-04-08 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:	2024-04-08 08:54 (Time Zone: -04:00)

Permit																						
Permit #:		NY0000973			Permit	Permittee:			U.S. DEPT OF ENERGY					Faci	ity:		WEST VAL	WEST VALLEY DEMONSTRATION PROJ				
Major: Yes					Permittee Address:			1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585					Faci	Facility Location:			10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799					
Permitted Feature:		SUM Internal Outfall			Discha	Discharge:			SUM-N SUM OF OUTFALLS 1 & 7													
Report	Dates & Status				1																	
Monitor	ring Period:	From 03/01/24 t	DMR D	DMR Due Date:			04/28/24					State	Status:		NetDMR Va	NetDMR Validated						
Conside	erations for Form	Completion																				
	al Executive Office																					
First Na	ame:	Bryan C.			Title:	Title:			Director, USDOE-WVDP					Tele	Telephone:			58				
Last Na		Bower																				
	a Indicator (NODI)																					
Form N	ODI: Parameter		Cassan #	Derem NODI			Ouentit	u es l'es dia						Quality		utratia u			# of Fu		Comple Tur	
Code	Name	Monitoring Location	Season #	Param. NODI		Qualifier 1		y or Loadir Qualifier 2		Units	Qualifier '	Value 1	Qualifier 2	Quality o Value		Qualifier 3	Value 3	Units	# OT EX	Frequency of Analysis	Sample Type	
					Sample							_										
01045	Iron, total [as Fe]	2 - Effluent Net	0		Permit Req.									Req Mon MO		<=	1.0 DAILY MX	19 - mg/L		01/30 - Monthly	CA - CALCTE	
5.5.5	iron, total [do r o]	2 21100111101	0																			
Submis	sion Note				Value NODI		en none	of the fol	llowing	fields	s will be s	ubmitte	d for that	C - No Disc row: Units, I		r of Excur	C - No Discharge rsions, Frequency of	of Analys	is, and	Sample Type.		
Submis If a para	sion Note Imeter row does no eck Errors						en none	of the fol	llowing 1	fields	s will be s	ubmitte	d for that			r of Excur		of Analys	is, and	Sample Type.		
Submis If a para Edit Che	sion Note Inneter row does no eck Errors rs.						en none	of the fol	llowing 1	fields	s will be s	ubmitte	d for that			r of Excur		of Analys	is, and	Sample Type.		
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Submis If a para Edit Che No error Comme	ision Note Imeter row does no eck Errors rs. Ints							of the fol	llowing t	fields	s will be s	ubmitte	d for that			r of Excur		of Analysi	is, and	Sample Type. Size		
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Submis If a para Edit Chu No error Comme Attachm WVDP_N Report I U.S. DE User: Name: E-Mail: Date/Tim	ision Note Imeter row does no eck Errors rs. Ints ments March_2024_Net_Iron Last Saved By IPT OF ENERGY	t contain any value	s for the wi W wi	Sample nor illiam.kean@	Effluent Tr gchbwv.com n cchbwv.com	rading, the Nam	10	e of the fol	llowing 1	fields	s will be s	ubmitte	d for that			r of Excur	sions, Frequency o	of Analysi		Size		
Submis If a para Edit Chu No error Comme Attachm WVDP_N Report I U.S. DE User: Name: E-Mail: Date/Tim	ision Note Imeter row does no eck Errors rs. ints ments March_2024_Net_Iror Last Saved By IPT OF ENERGY	t contain any value	s for the wi W wi 20	Sample nor illiam.kean@ ílliam.kean@	Effluent Tr echbwv.con n echbwv.con 7:25 (Tim	nading, the Name m ne Zone: -(	ne -04:00)	e of the fol	llowing t	fields	s will be s	ubmitte	d for that			r of Excur	sions, Frequency o	of Analysi		Size		
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Attachment B Email Confirmation from NYSDEC

From:	netdmr-notification@epa.gov								
То:	Elizabeth Lowes; DOW.spdesDMR@dec.ny.gov; 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 COR Submission Received for: NY0000973								
Date:	Monday, April 8, 2024 8:55:41 AM								
Attachments:	NetDMR COR 8133216 NY0000973 01B M 20240331.zip   NetDMR COR 8133213 NY0000973 001 M 20240331.zip   NetDMR COR 8133217 NY0000973 116 M 20240331.zip   NetDMR COR 8133218 NY0000973 SUM N 20240331.zip   NetDMR COR 8133214 NY0000973 007 M 20240331.zip   NetDMR COR 8133214 NY0000973 007 M 20240331.zip   NetDMR COR 8133215 NY0000973 007 W 20240331.zip								

NetDMR has received the following 6 DMR(s) during the signing process.

CORs have been created for the following DMRs. These DMRs will be forwarded for further processing:

\_\_\_\_\_ Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 01B Discharge: M - MERCURY PRETREATMENT Monitoring Period End Date: 03/31/24 Signing Status: SIGNED SUCCESSFULLY Comment: Attachments included in the COR: No \_\_\_\_\_ 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: 03/31/24 Signing Status: SIGNED SUCCESSFULLY Comment: Attachments included in the COR: No Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 116 Discharge: M - PSEUDO MON. POINT @FRANKS CRK Monitoring Period End Date: 03/31/24 Signing Status: SIGNED SUCCESSFULLY Comment: Attachments included in the COR: No \_\_\_\_\_ Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: SUM Discharge: N - SUM OF OUTFALLS 1 & 7 Monitoring Period End Date: 03/31/24 Signing Status: SIGNED SUCCESSFULLY Comment: Attachments included in the COR: Yes

WVDP\_March\_2024\_Net\_Iron\_Calculation.pdf

\_\_\_\_\_

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: 03/31/24 Signing Status: SIGNED SUCCESSFULLY Comment: Attachments included in the COR: No \_\_\_\_\_ Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 007 Discharge: W - OUTFALL 007 WET TESTING QUARTERLY Monitoring Period End Date: 03/31/24 Signing Status: SIGNED SUCCESSFULLY Comment: Attachments included in the COR: No

Thank you.

\_\_\_\_

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