

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:2025:0277
April 9, 2025

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, 2025 through March 31, 2025

Dear Ms. Splitt:

This letter is being submitted for the Contracting Officer Representative's approval and to inform you that the SPDES DMR for the reporting period March 1, through March 31, 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 William Kean at (716) 942-4865 or Elizabeth Lowes at (716) 481-0429.

Sincerely,

Jason L. Casper
President & General Manager

JLC:WNK:mlv

Attachments: A) SPDES DMR for March 1 through March 31, 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. Mantonie, CHBWV
D. M. Martinet, CHBWV
J. T. Pillittere, CHBWV (Public Reading Room)
R. E. Steiner, CHBWV
M. L. Varner, CHBWV
Records, CHBWV
CHBWV OITS #2430387

Attachment A
SPDES DMR

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - MARCH 1 THROUGH MARCH 31, 2025
NET IRON EFFLUENT CONCENTRATION CALCULATION
WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

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

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

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

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

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

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

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

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 Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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(l)(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 #:
Major:

NY0000973
Yes

Permittee:
Permittee Address:

U.S. DEPT OF ENERGY
1000 INDEPENDENCE AVE SW
WASHINGTON, DC 20585

Facility:
Facility Location:

WEST VALLEY DEMONSTRATION PROJ
10282 ROCK SPRINGS ROAD
WEST VALLEY, NY 14171-9799

Permitted Feature:

001
External Outfall

Discharge:

001-M
OUTFALL 001 MONTHLY PROC WW, GW, STORM

Report Dates & Status

Monitoring Period:

From 03/01/25 to 03/31/25

DMR Due Date:

04/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Bryan
Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00154	Sulfate [as S]	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	--	Sample														02/BA - Twice Per Batch	CA - Calculated
					Permit Req.									Req Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample														02/BA - Twice Per Batch	GR - Grab
					Permit Req.						>=	3.0 MINIMUM				Req Mon MAXIMUM	19 - mg/L			
					Value NODI							C - No Discharge				C - No Discharge				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample														02/BA - Twice Per Batch	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG	<=	10.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	GR - Grab
					Permit Req.						>=	6.5 MINIMUM				<=	8.5 MAXIMUM	12 - SU		
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/BA - Twice Per Batch	24 - 24 Hour Composite
					Permit Req.															
					Value NODI									<=	30.0 MO AVG	<=	45.0 DAILY MX	19 - mg/L		
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														02/BA - Twice Per Batch	GR - Grab
					Permit Req.															
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	GR - Grab
					Permit Req.															
					Value NODI															
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	24 - 24 Hour Composite
					Permit Req.															
					Value NODI															
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	--	Sample														01/BA - Once Per Batch	24 - 24 Hour Composite
					Permit Req.															

					Value NODI										C - No Discharge		C - No Discharge					
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample																	
					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					
00746	Sulfide, dissolved, [as S]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG	<=	0.4 DAILY MX	19 - mg/L		01/BA - Once Per Batch	24 - 24 Hour Composite	
					Value NODI										C - No Discharge		C - No Discharge					
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG	<=	0.15 DAILY MX	19 - mg/L		01/BA - Once Per Batch	24 - 24 Hour Composite	
					Value NODI										C - No Discharge		C - No Discharge					
00979	Cobalt, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG	<=	0.005 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - Grab	
					Value NODI										C - No Discharge		C - No Discharge					
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG	<=	0.004 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - Grab	
					Value NODI										C - No Discharge		C - No Discharge					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		02/BA - Twice Per Batch	24 - 24 Hour Composite	
					Value NODI										C - No Discharge		C - No Discharge					
01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.									<=	2.0 MO AVG	<=	4.0 DAILY MX	19 - mg/L		01/BA - Once Per Batch	24 - 24 Hour Composite	
					Value NODI										C - No Discharge		C - No Discharge					
01128	Vanadium, total recoverable	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG	<=	0.014 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - Grab	
					Value NODI										C - No Discharge		C - No Discharge					
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										<=	1.5 MO AVG	<=	2.1 DAILY MX	19 - mg/L		02/BA - Twice Per Batch	24 - 24 Hour Composite
					Value NODI										C - No Discharge		C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample																	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										02/BA - Twice Per Batch	CN - Continuous	
					Value NODI		C - No Discharge		C - No Discharge													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG	<=	0.1 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - Grab	
					Value NODI										C - No Discharge		C - No Discharge					
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L		02/BA - Twice Per Batch	GR - Grab	
					Value NODI										C - No Discharge		C - No Discharge					
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.										<=	50.0 MO AVG		Req Mon DAILY MX	3M - ng/L		01/BA - Once Per Batch	GR - Grab
					Value NODI										C - No Discharge		C - No Discharge					
81646	Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0	--	Sample																	
					Permit Req.											Req Mon MO AVG	<=	0.04 DAILY MX	19 - mg/L		01/BA - Once Per Batch	GR - Grab
					Value NODI										C - No Discharge		C - No Discharge					

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

william.kean@chbvv.com

Name:

William Kean

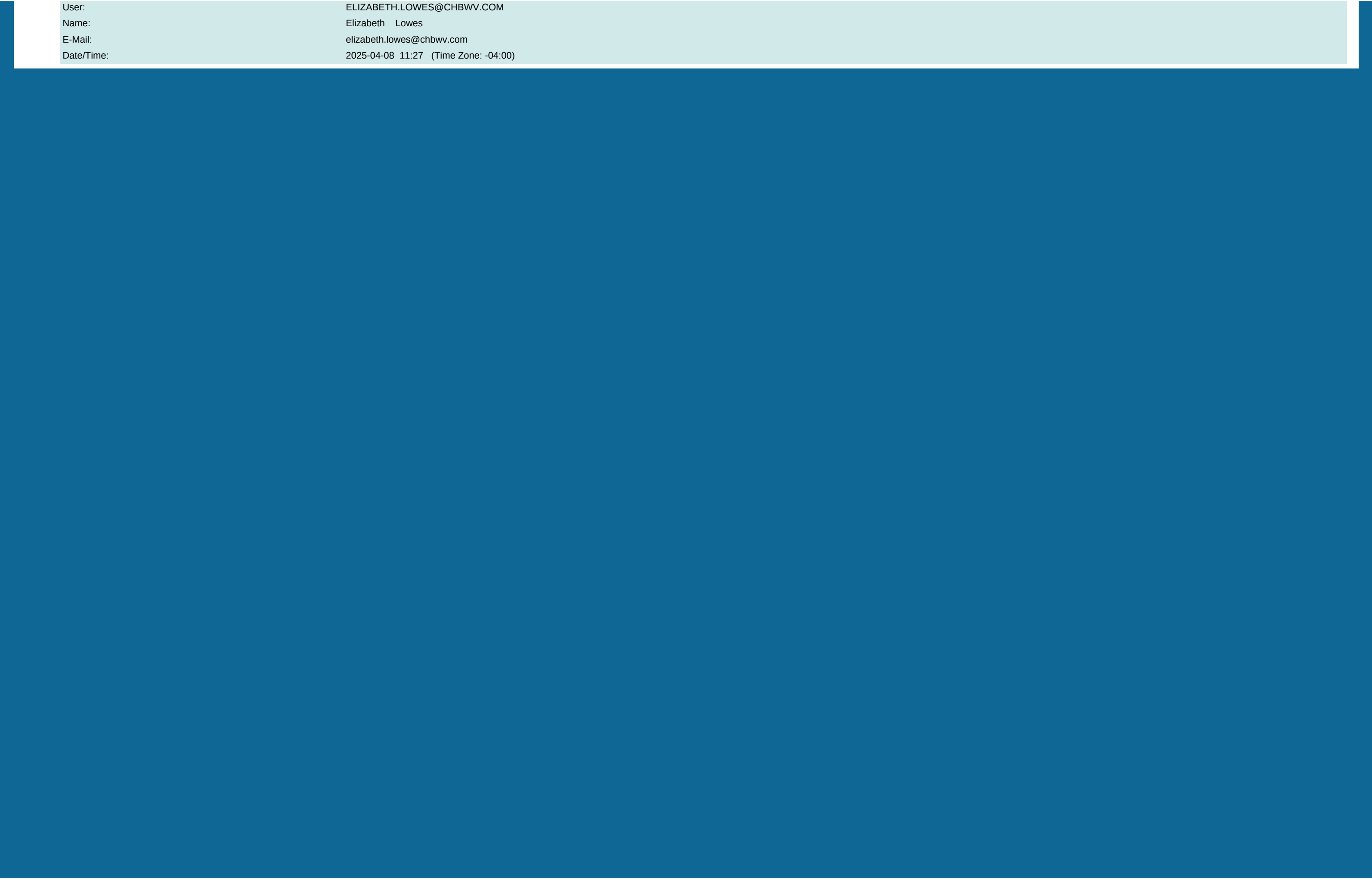
E-Mail:

william.kean@chbvv.com

Date/Time:

2025-04-07 15:43 (Time Zone: -04:00)

Report Last Signed By



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Permit

Permit #:

NY0000973

Major:

Yes

Permittee:

U.S. DEPT OF ENERGY

Permittee Address:

1000 INDEPENDENCE AVE SW
WASHINGTON, DC 20585

Facility:

WEST VALLEY DEMONSTRATION PROJ

Facility Location:

10282 ROCK SPRINGS ROAD
WEST VALLEY, NY 14171-9799

Permitted Feature:

001
External Outfall

Discharge:

001-W
OUTFALL 001 WET TESTING QUARTERLY

Report Dates & Status

Monitoring Period:

From 01/01/25 to 03/31/25

DMR Due Date:

05/28/25

Status:

NetDMR Validated

Considerations for Form Completion

SEE PERMIT FOOTNOTES FOR WET TESTING REQUIREMENTS

Principal Executive Officer

First Name:

Bryan

Last Name:

Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
61425	Toxicity [acute], Ceriodaphnia dubia	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	0.3 MAXIMUM	2F - tox acute		
					Value NODI											C - No Discharge			
61426	Toxicity [chronic], Ceriodaphnia dubia	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	1.0 MAXIMUM	2G - tox chronic		
					Value NODI											C - No Discharge			
61427	Toxicity [acute], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	0.3 MAXIMUM	2F - tox acute		
					Value NODI											C - No Discharge			
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	1.0 MAXIMUM	2G - tox chronic		
					Value NODI											C - No Discharge			

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

william.kean@chbvw.com

Name:

William Kean

E-Mail:

william.kean@chbvw.com

Date/Time:

2025-04-07 15:44 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

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NY0000973
Yes

Permittee:
Permittee Address:

U.S. DEPT OF ENERGY
1000 INDEPENDENCE AVE SW
WASHINGTON, DC 20585

Facility:
Facility Location:

WEST VALLEY DEMONSTRATION PROJ
10282 ROCK SPRINGS ROAD
WEST VALLEY, NY 14171-9799

Permitted Feature:

007
External Outfall

Discharge:

007-M
SANITARY, NC COOLING WATER, UTILITY WASTEWATER, STORMWATER

Report Dates & Status

Monitoring Period:

From 03/01/25 to 03/31/25

DMR Due Date:

04/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Bryan
Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	CA - Calculated
					Permit Req.									Req Mon MO AVG	<=	22.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - Grab
					Permit Req.						>=	3.0 MINIMUM				Req Mon MAXIMUM	19 - mg/L			
					Value NODI							C - No Discharge				C - No Discharge				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG	<=	10.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - Grab
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU			
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	24 - 24 Hour Composite
					Permit Req.								<=	30.0 MO AVG	<=	45.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - Grab
					Permit Req.									Req Mon MO AVG	<=	0.3 DAILY MX	25 - mL/L			
					Value NODI									C - No Discharge		C - No Discharge				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	GR - Grab
					Permit Req.									Req Mon MO AVG	<=	15.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG	<=	0.1 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample														01/30 - Monthly	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample														02/30 - Twice Per Month	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			

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

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

william.kean@chbwv.com

Name:

William Kean

E-Mail:

william.kean@chbwv.com

Date/Time:

2025-04-07 15:44 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

Name:

Elizabeth Lowes

E-Mail:

elizabeth.lowes@chbwv.com

Date/Time:

2025-04-08 11:27 (Time Zone: -04:00)

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 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 Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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(l)(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 #:		NY0000973		Permittee:		U.S. DEPT OF ENERGY		Facility:		WEST VALLEY DEMONSTRATION PROJ										
Major:		Yes		Permittee Address:		1000 INDEPENDENCE AVE SW WASHINGTON, DC 20585		Facility Location:		10282 ROCK SPRINGS ROAD WEST VALLEY, NY 14171-9799										
Permitted Feature:		01B Internal Outfall		Discharge:		01B-M MERCURY PRETREATMENT														
Report Dates & Status																				
Monitoring Period:		From 03/01/25 to 03/31/25		DMR Due Date:		04/28/25		Status:		NetDMR Validated										
Considerations for Form Completion																				
Principal Executive Officer																				
First Name:		Bryan		Title:		Director-WVDP-DOE		Telephone:		716-942-4368										
Last Name:		Bower																		
No Data Indicator (NODI)																				
Form NODI:		--																		
Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3				Units
00056	Flow rate	1 - Effluent Gross	0	--	Sample														01/07 - Weekly	CN - Continuous
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	07 - gal/d										
					Value NODI		C - No Discharge		C - No Discharge											
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample														02/BA - Twice Per Batch	GR - Grab
					Permit Req.								Req Mon MO AVG	<=	50.0 DAILY MX	3M - ng/L				
					Value NODI								C - No Discharge		C - No Discharge					
Submission Note																				
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.																				
Edit Check Errors																				
No errors.																				
Comments																				
Attachments																				
No attachments.																				
Report Last Saved By																				
U.S. DEPT OF ENERGY																				
User:				william.kean@chbwv.com																
Name:				William Kean																
E-Mail:				william.kean@chbwv.com																
Date/Time:				2025-04-07 15:44 (Time Zone: -04:00)																
Report Last Signed By																				
User:				ELIZABETH.LOWES@CHBWV.COM																
Name:				Elizabeth Lowes																
E-Mail:				elizabeth.lowes@chbwv.com																
Date/Time:				2025-04-08 11:27 (Time Zone: -04:00)																

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Permit

Permit #:

NY0000973

Major:

Yes

Permittee:

U.S. DEPT OF ENERGY

Permittee Address:

1000 INDEPENDENCE AVE SW
WASHINGTON, DC 20585

Facility:

WEST VALLEY DEMONSTRATION PROJ

Facility Location:

10282 ROCK SPRINGS ROAD
WEST VALLEY, NY 14171-9799

Permitted Feature:

116
Internal Outfall

Discharge:

116-M
PSEUDO MON. POINT @FRANKS CRK

Report Dates & Status

Monitoring Period:

From 03/01/25 to 03/31/25

DMR Due Date:

04/28/25

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

Last Name:

Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
70295	Solids, total dissolved	Z - Instream Monitoring	0	--	Sample														02/DS - Twice Per Discharge	CA - Calculated
					Permit Req.									Req Mon MO AVG	<=	500.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

william.kean@chbwv.com

Name:

William Kean

E-Mail:

william.kean@chbwv.com

Date/Time:

2025-04-07 15:44 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

Name:

Elizabeth Lowes

E-Mail:

elizabeth.lowes@chbwv.com

Date/Time:

2025-04-08 11:27 (Time Zone: -04:00)

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NY0000973

Major:

Yes

Permittee:

U.S. DEPT OF ENERGY

Permittee Address:

1000 INDEPENDENCE AVE SW
WASHINGTON, DC 20585

Facility:

WEST VALLEY DEMONSTRATION PROJ

Facility Location:

10282 ROCK SPRINGS ROAD
WEST VALLEY, NY 14171-9799

Permitted Feature:

007
External Outfall

Discharge:

007-W
OUTFALL 007 WET TESTING QUARTERLY

Report Dates & Status

Monitoring Period:

From 01/01/25 to 03/31/25

DMR Due Date:

05/28/25

Status:

NetDMR Validated

Considerations for Form Completion

SEE PERMIT FOOTNOTES FOR WET TESTING REQUIREMENTS

Principal Executive Officer

First Name:

Bryan

Last Name:

Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units		
61425	Toxicity [acute], Ceriodaphnia dubia	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	0.3 MAXIMUM	2F - tox acute		
					Value NODI											C - No Discharge			
61426	Toxicity [chronic], Ceriodaphnia dubia	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	1.0 MAXIMUM	2G - tox chronic		
					Value NODI											C - No Discharge			
61427	Toxicity [acute], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	0.3 MAXIMUM	2F - tox acute		
					Value NODI											C - No Discharge			
61428	Toxicity [chronic], Pimephales promelas [Fathead Minnow]	V - See Comments	0	--	Sample													01/90 - Quarterly	24 - 24 Hour Composite
					Permit Req.										<=	1.0 MAXIMUM	2G - tox chronic		
					Value NODI											C - No Discharge			

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

U.S. DEPT OF ENERGY

User:

william.kean@chbvw.com

Name:

William Kean

E-Mail:

william.kean@chbvw.com

Date/Time:

2025-04-07 15:44 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

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Permit #:

NY0000973

Major:

Yes

Permittee:

U.S. DEPT OF ENERGY

Permittee Address:

1000 INDEPENDENCE AVE SW
WASHINGTON, DC 20585

Facility:

WEST VALLEY DEMONSTRATION PROJ

Facility Location:

10282 ROCK SPRINGS ROAD
WEST VALLEY, NY 14171-9799

Permitted Feature:

SUM
Internal Outfall

Discharge:

SUM-N
SUM OF OUTFALLS 1 & 7

Report Dates & Status

Monitoring Period:

From 03/01/25 to 03/31/25

DMR Due Date:

04/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Bryan

Last Name:

Bower

Title:

Director-WVDP-DOE

Telephone:

716-942-4368

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
01045	Iron, total [as Fe]	2 - Effluent Net	0	--	Sample														01/30 - Monthly	CA - Calculated
					Permit Req.									Req Mon MO AVG	<=	1.0 DAILY MX	19 - mg/L			
					Value NODI									C - No Discharge		C - No Discharge				

Submission Note

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Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
WVDP_March_2025_Net_Iron_Calculation.pdf	pdf	343459.0

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:

2025-04-07 15:46 (Time Zone: -04:00)

Report Last Signed By

User:

ELIZABETH.LOWES@CHBWV.COM

Name:

Elizabeth Lowes

E-Mail:

elizabeth.lowes@chbwv.com

Date/Time:

2025-04-08 11:27 (Time Zone: -04:00)

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: Tuesday, April 8, 2025 12:31:32 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 7 DMR(s) were submitted to EPA and were successfully processed:

CDX Transaction ID: _e7072823-2902-4a27-9b2c-2496df55d948
User ID: ELIZABETH.LOWES@CHBWV.COM
Timestamp: 04/08/2025 11:27:58

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: 03/31/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ
Permit ID: NY0000973
Permitted Feature: 001
Discharge: W - OUTFALL 001 WET TESTING QUARTERLY
Monitoring Period End Date: 03/31/25

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: 03/31/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ
Permit ID: NY0000973
Permitted Feature: 007
Discharge: W - OUTFALL 007 WET TESTING QUARTERLY
Monitoring Period End Date: 03/31/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ
Permit ID: NY0000973
Permitted Feature: 01B
Discharge: M - MERCURY PRETREATMENT
Monitoring Period End Date: 03/31/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ
Permit ID: NY0000973
Permitted Feature: 116
Discharge: M - PSEUDO MON. POINT @FRANKS CRK
Monitoring Period End Date: 03/31/25

Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ
Permit ID: NY0000973
Permitted Feature: SUM
Discharge: N - SUM OF OUTFALLS 1 & 7
Monitoring Period End Date: 03/31/25

Thank you.

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