



Conveyance of Contract Deliverables - West Valley Demonstration Project

Contract Number: DE-EM0001529

Conveyance Number

127-DLVR-110817

*Sched  
To Open*

Date (Month, Day, Year)

November 8, 2017

Section 1 - Conveyance of Contract Deliverables  
(to be completed by the contractor)

-Initial Submittal

-Resubmittal of No. \_\_\_\_\_

To: Bridget M. Purdy

From: Jeffrey D. Bradford

DLVR #

127

TITLE OF DELIVERABLE

State Pollutant Discharge Elimination System  
(SPDES) Discharge Monitoring Reports

DESCRIPTION

Monitoring of discharges to river  
including sampling, analysis, data  
management and reporting

DISPOSITION REQUESTED:

Approval

- Concurrence

- Information Only

- Other:

This deliverable has been reviewed for sensitive information and has been marked accordingly. It is deemed to be accurate and correct, and is submitted according to contract specifications and applicable procedures.

Contractor Letter Log Number:

WD:2017:1179

*Sched  
Tab 1*

Name: Jeffrey D. Bradford

Signature:

Date of Document Conveyed

11/8/2017

Section 2 - Tracking and Disposition Management (to be completed by DOE-WVDP)

Date Received (Stamp)

*U.S. DOE  
NOV 09 2017  
WVDP*

Record Number:

375549

DOE Lead/Cognizant Individual:

MNM/JMD

Logged by:

*JAM*

Distribution:

MNM, JMD, BMP, BCB, NYSERDA

File Code: 455.1.3

Action Assigned by DOE  
Lead/Cognizant Individual

Special Instructions or Comments:

Review and Comment  
(QP-410-01-F3 required)

Concurrence Review  
(QP-410-01-F3 required)

Information Only  
(no response required)

Response Due Date:

Recommendation to Action Authority:

Approval

Concur

Conditional Approval

Disapproval

Non-concur

Acknowledge Receipt

Respond to Comments:

Yes  No

Signature:

Date:

11/13/17

Section 3 - Response to Contractor (to be completed by DOE-WVDP)

Name/Title of Action Authority:

Bryan C. Bower

Approved

Conditionally Approved

Disapproved

Receipt Acknowledged

Concur

Non-concur

Respond to Comments

Signature of Action Authority

Date:

11-13-2017

# CH2MHILL • BWXT West Valley, LLC

70

Ms. Bridget M. Purdy, Contracting Officer  
U. S. Department of Energy  
West Valley Demonstration Project  
10282 Rock Springs Road  
West Valley, New York 14171-9799

AC-PRES  
WD:2017:1179  
November 8, 2017

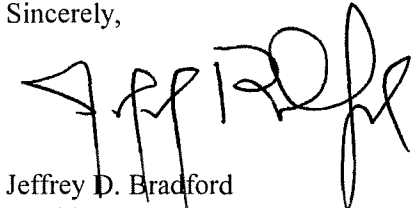
SUBJECT: Contract No. DE-EM0001529, Section J-3, Item 127, State Pollutant Discharge Elimination System (SPDES) Discharge Monitoring Report (DMR)

Dear Ms. Purdy:

This letter is submitted for Contracting Officer Representative's approval to inform you that the SPDES DMR for the reporting period October 1 through October 31, 2017 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 extension 4865 or Janice Williams at extension 2913.

Sincerely,



Jeffrey D. Bradford  
President & General Manager

JDB:WNK:bnj

Attachments: A) SPDES DMR for October 1 – October 31, 2017  
B) Email Confirmation from NYSDEC

cc: B. C. Bower, DOE-WVDP  
S. A. Anderson, CHBWV  
J. J. Baker, CHBWV  
J. L. Casper, CHBWV  
C. Dayton, CHBWV (Public Reading Room)  
N. Feher, CHBWV  
L. K. Hollfelder, CHBWV  
W. N. Kean, CHBWV  
C. B. Lee, CHBWV  
L. J. Ortega, CHBWV  
D. H. Pritchard, CHBWV  
J. E. Wangelin, CHBWV  
J. D. Williams, CHBWV  
Letter Log (B. Jeffery), CHBWV  
CHBWV OITS #1630268

**Attachment A**  
**SPDES DMR**

DMR Copy of Record

Permit

Permit #: NY0000973  
 Major: Yes  
 Permitted Feature: 001  
 External Outfall

Permittee: U.S. DEPT OF ENERGY  
 Permittee Address: 1000 INDEPENDENCE AVE SW  
 WASHINGTON, DC 20585  
 Discharge: 001-M  
 OUTFALL 001 MONTHLY PROC WW, GW, STORM

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

Report Dates & Status

Monitoring Period: From 10/01/17 to 10/31/17  
 Considerations for Form Completion

DMR Due Date: 11/28/17

Status: NetDMR Validated

Principal Executive Officer

First Name: Bryan C.  
 Last Name: Bower

Title: Director, USDOE-WVDP

Telephone: 716-942-4368

No Data Indicator (NDDI)

Form NODI:

Code	Parameter Name	Monitoring Location	Season #	Param	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
						Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1			
00154	Sulfate [as S]	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	
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG <=	22 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch	CA - CALCTD	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI			>= 3 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 <=	10 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch	24 - COMP24	
00400	pH	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	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				<= 30 MO AVG C - No Discharge	<= 45 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 <=	.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 <=	15 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch	GR - GRAB	
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG <=	.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, 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	02/BA - Twice Per Batch	24 - COMP24	
00746	Sulfide, dissolved, [as S]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG <=	.4 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch	24 - COMP24	
00878	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG <=	.15 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch	24 - COMP24	
00879	Cobalt, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG <=	.005 DAILY MX C - No Discharge	19 - mg/L	01/BA - Once Per Batch	GR - GRAB	
00881	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI				Req Mon MO AVG <=	.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 AVG C - No Discharge	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 MO AVG C - No Discharge	<=	4 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 AVG C - No Discharge	<=	.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 Discharge	<=	2.1 DAILY MX C - No Discharge	19 - mg/L	02/BA - Twice Per Batch 24 - COMP24
50050 Flow, in excess of the treatment plant	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge		Req Mon DAILY MX 03 - MGD C - No Discharge		02/BA - Twice Per Batch CN - CONTIN
50060 Chlorine, total residual	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge	<=	.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 AVG C - No Discharge		Req Mon DAILY MX 19 - mg/L C - No Discharge		02/BA - Twice Per Batch GR - GRAB
71900 Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI	<=	50 MO AVG C - No Discharge		Req Mon DAILY MX 3M - ng/L C - No Discharge		01/BA - Once Per Batch GR - GRAB
81646 Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0	--	Sample Permit Req. Value NODI		Req Mon MO AVG C - No Discharge	<=	.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@chbvw.com  
 Name: William Kean  
 E-Mail: william.kean@chbvw.com  
 Date/Time: 2017-11-06 12:42 (Time Zone: -05:00)

**Report Last Signed By**

User: janice.williams@chbvw.com  
 Name: Janice Williams  
 E-Mail: janice.williams@chbvw.com  
 Date/Time: 2017-11-06 12:45 (Time Zone: -05:00)

DMR Copy of Record

Permit

Permit #: NY0000973 Permittee: U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ  
 Major: Yes Permittee Address: 1000 INDEPENDENCE AVE SW Facility Location: 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 10/01/17 to 10/31/17 DMR Due Date: 11/28/17 Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

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

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading				Quality or Concentration				Units	# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 1	Value 1	Qualifier 2	Value 2				
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	22 DAILY MX	19 - mg/L	01/30 - Monthly	CA - CALCTD		
					Permit Req.					C - No Discharge	C - No Discharge					
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	-	Sample					>= 3 MINIMUM	Req Mon MAXIMUM 19 - mg/L	02/30 - Twice Per Month	GR - GRAB			
					Permit Req.					C - No Discharge	C - No Discharge					
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	10 DAILY MX	19 - mg/L	02/30 - Twice Per Month 24 - COMP24			
					Permit Req.					C - No Discharge	C - No Discharge					
00400	pH	1 - Effluent Gross	0	-	Sample					>= 6.5 MINIMUM	<= 8.5 MAXIMUM	12 - SU	02/30 - Twice Per Month GR - GRAB			
					Permit Req.					C - No Discharge	C - No Discharge					
00530	Solids, total suspended	1 - Effluent Gross	0	-	Sample					<= 30 MO AVG	<= 45 DAILY MX	19 - mg/L	02/30 - Twice Per Month 24 - COMP24			
					Permit Req.					C - No Discharge	C - No Discharge					
00545	Solids, settleable	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	.3 DAILY MX	25 - mL/L	02/30 - Twice Per Month GR - GRAB			
					Permit Req.					C - No Discharge	C - No Discharge					
00556	Oil & Grease	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	15 DAILY MX	19 - mg/L	02/30 - Twice Per Month GR - GRAB			
					Permit Req.					C - No Discharge	C - No Discharge					
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	.1 DAILY MX	19 - mg/L	01/30 - Monthly 24 - COMP24			
					Permit Req.					C - No Discharge	C - No Discharge					
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG	Req Mon DAILY MX 19 - mg/L	01/30 - Monthly 24 - COMP24				
					Permit Req.					C - No Discharge	C - No Discharge					
01045	Iron, total [as Fe]	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG	Req Mon DAILY MX 19 - mg/L	02/30 - Twice Per Month 24 - COMP24				
					Permit Req.					C - No Discharge	C - No Discharge					
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0	-	Sample					<= 1.49 MO AVG	<= 2.1 DAILY MX	19 - mg/L	02/30 - Twice Per Month 24 - COMP24			
					Permit Req.					C - No Discharge	C - No Discharge					
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG	Req Mon DAILY MX 03 - MGD	01/30 - Monthly CN - CONTIN				
					Permit Req.					C - No Discharge	C - No Discharge					
50060	Chlorine, total residual	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	.1 DAILY MX	19 - mg/L	01/30 - Monthly GR - GRAB			
					Permit Req.					C - No Discharge	C - No Discharge					
70295	Solids, total dissolved	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG	Req Mon DAILY MX 19 - mg/L	02/30 - Twice Per Month GR - GRAB				
					Permit Req.					C - No Discharge	C - No Discharge					
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	-	Sample					Req Mon MO AVG <=	50 DAILY MX	3M - ng/L	01/30 - Monthly GR - GRAB			
					Permit Req.					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.

**EdR 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: 2017-11-06 12:42 (Time Zone: -05:00)

**Report Last Signed By**

User: janice.williams@chbvw.com  
Name: Janice Williams  
E-Mail: janice.williams@chbvw.com  
Date/Time: 2017-11-06 12:45 (Time Zone: -05:00)

DMR Copy of Record

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: 01B  
 Internal Outfall

Discharge: 01B-M  
 MERCURY PRETREATMENT

Report Dates & Status

Monitoring Period: From 10/01/17 to 10/31/17

DMR Due Date: 11/28/17

Status: NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name: Bryan C.  
 Last Name: Bower

Title: Director, USDOE-WVDP

Telephone: 716-942-4368

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season	# Param.	NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type	
						Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1				Value 1
0056	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
					Value NODI:	C - No Discharge	C - No Discharge	C - No Discharge							
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample	Permit Req.	Req Mon MO AVG <=	50 DAILY MX	3M - ng/L				02/BA	Twice Per Batch	GR - GRAB
					Value NODI:	C - No Discharge	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.keen@chbvw.com  
 Name: William Keen  
 E-Mail: william.keen@chbvw.com  
 Date/Time: 2017-11-06 12:42 (Time Zone: -05:00)

Report Last Signed By

User: janica.williams@chbvw.com  
 Name: Janice Williams  
 E-Mail: janica.williams@chbvw.com  
 Date/Time: 2017-11-06 12:45 (Time Zone: -05:00)



DMR Copy of Record

Permit

Permit #: NY0000973 Permittee: U.S. DEPT OF ENERGY Facility: WEST VALLEY DEMONSTRATION PROJ  
 Major: Yes Permittee Address: 1000 INDEPENDENCE AVE SW 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 10/01/17 to 10/31/17 DMR Due Date: 11/28/17 Status: NetDMR Validated

Considerations for Form Completion

IF PSEUDO MONITORING POINT REPORT IS NOT REQUIRED DURING THE MONITORING PERIOD, EITHER CHECK THE NO DISCHARGE BOX OR ENTER 'NODI' IN PLACE OF A MEASUREMENT TO INDICATE A GENERAL PERMIT EXEMPTION.

Principal Executive Officer

First Name: Bryan C. Title: Director, USDOE-WVDP Telephone: 716-642-4368  
 Last Name: Bower

No Data Indicator (NODI)

Form NODI: -

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading			Quality or Concentration			# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1 Value 1	Qualifier 2 Value 2	Units	Qualifier 1 Value 1	Qualifier 2 Value 2	Qualifier 3 Value 3			
70295	Solids, total dissolved Z - Instream Monitoring 0							Permit Req. Value NODI	Req Mon MG AVG <=	500 DAILY MX	18 - mg/L	02/DS - Twice Per Discharge	CA - CALCTD
									C - No Discharge				C - No Discharge

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

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: 2017-11-06 12:42 (Time Zone: -05:00)

Report Last Signed By

User: janice.williams@chbwv.com  
 Name: Janice Williams  
 E-Mail: janice.williams@chbwv.com  
 Date/Time: 2017-11-08 12:45 (Time Zone: -05:00)

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - OCTOBER 1 THROUGH OCTOBER 31, 2017  
NET IRON EFFLUENT CONCENTRATION CALCULATION  
WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

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

$$X1 = 0.00 \text{ mg/L}$$

$$X2 = 0.00 \text{ mg/L}$$

$$V1 = 0.00 \text{ L/month}$$

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

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

$$X1 = 0.00 \text{ mg/L}$$

$$X2 = 0.00 \text{ mg/L}$$

$$V7 = 0.00 \text{ L/month}$$

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

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

$$X1 = 0.00 \text{ mg/L}$$

$$X2 = 0.00 \text{ mg/L}$$

$$X3 = 0.00 \text{ mg/L}$$

$$X4 = 0.00 \text{ mg/L}$$

$$VRW = 0.00 \text{ L/month}$$

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.

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

**Attachment B**  
**Email Confirmation from NYSDEC**

## Bonnie Jeffery

---

**From:** netdmr-notification@epa.gov  
**Sent:** Monday, November 06, 2017 1:31 PM  
**To:** ewwohlers@cattco.org; Christine Lee; Jason Casper; Moira Maloney;  
R9.NetDMR@dec.ny.gov; William Kean; James Baker; lynette.bennett@chbwv.com;  
Bonnie Jeffery; Amanda Steiner; jennifer.dundas@wv.doe.gov; Janice Williams  
**Subject:** NetDMR DMR(s) Submittal Passed for: NY0000973

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

CDX Transaction ID: \_37fa8510-9c4a-412c-bf27-d39439e6b205

User ID: [janice.williams@chbwv.com](mailto:janice.williams@chbwv.com)

Timestamp: 11/06/2017 12:45:47

-----  
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: 10/31/17

-----  
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: 10/31/17

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature:  
01B

Discharge: M - MERCURY PRETREATMENT

Monitoring Period End Date: 10/31/17

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature: 116

Discharge: M - PSEUDO MON. POINT @FRANKS CRK Monitoring Period End Date: 10/31/17

-----  
Permitted Facility Name: WEST VALLEY DEMONSTRATION PROJ Permit ID: NY0000973 Permitted Feature:  
SUM

Discharge: N - SUM OF OUTFALLS 1 & 7

Monitoring Period End Date: 10/31/17

Thank you.

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