CH2MHILL • BWXT West Valley, LLC

West Valley Demonstration Project

Ms. Angela M. Cooney, Contracting Officer
U. S. Department of Energy
250 East 5th St., Suite 500
Cincinnati, OH 45202

AC-PRES
WD:2019:0502
June 20, 2019

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

Dear Ms. Cooney:

This letter is submitted for Contracting Officer Representative's approval to inform you that the SPDES DMR for the reporting period May 1 through May 31, 2019 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,

Scott A. Anderson
President & General Manager

SAA:WNK:bnj

Attachments: A) SPDES DMR for May 1 – 31, 2019
B) Email Confirmation from NYSDEC

cc: T. Taggart, DOE-EMCBC
B. C. Bower, DOE-WVDP
C. Chun, CHBWV
L. K. Hollfelder, CHBWV
W. N. Kean, CHBWV
L. J. Ortega, CHBWV
J. T. Pillittere, CHBWV (Public Reading Room)
J. D. Rendall, CHBWV
J. E. Wangelin, CHBWV
J. D. Williams, CHBWV
Letter Log (B. Jeffery), CHBWV
CHBWV OITS #1830332

Attachment A
SPDES DMR

ATTACHMENT

SPDES DISCHARGE MONITORING REPORT - MAY 1 THROUGH MAY 31, 2019
NET IRON EFFLUENT CONCENTRATION CALCULATION
WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT NO. NY-0000973

OUTFALL 001 = $M1 = \frac{(X1 + X2)\ V1}{2}$ = 638173.19 mg/month

X1 = 0.076 mg/L

X2 = 0.095 mg/L

V1 = 7464013.87 L/month

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 discharge from outfall 007 during this monitoring period.

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

X1 = 0.00 mg/L

X2 = 0.00 mg/L

X3 = 0.00 mg/L

X4 = 0.00 mg/L

VRW = 0.00 L/month

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

IRON DISCHARGE CONCENTRATION = $\frac{M1 + M7 - MRW}{V1 + V7}$ = 0.086 mg/L

ATTACHMENT (Cont'd)

SPDES DISCHARGE MONITORING REPORT - MAY 1 THROUGH MAY 31, 2019
TOTAL DISSOLVED SOLIDS (TDS) CONCENTRATION CALCULATION - MONITORING POINT 116
WEST VALLEY DEMONSTRATION PROJECT, SPDES PERMIT No. NY-0000973

Date: May 8, 2019

C4 = ((Q1)(C1)+(Q2)(C2)+(Q3)(C3))/Q4

= ((0.248 MGD)(732 mg/L)+(0.364 MGD)(213 mg/L)+(0.324 MGD)(89 mg/L))/(0.936 MGD)

= 308 mg/L

Date: May 15, 2019

C4 = ((Q1)(C1)+(Q2)(C2)+(Q3)(C3))/Q4

= ((0.248 MGD)(734 mg/L)+(0.364 MGD)(177 mg/L)+(0.324 MGD)(79 mg/L))/0.936 MGD)

= 291 mg/L

Q1 = Flow at Outfall 001, million gallons per day (MGD).

C1 = Total Dissolved Solids (TDS) concentration at Outfall 001, mg/L.

Q2 = Flow in Franks Creek, MGD (without Outfall 001), measured at WNSP006 just prior to, and shortly after the discharge event.

C2 = TDS concentration in Franks Creek measured at WNSP006 just prior to, and shortly after the discharge event.

Q3 = Flow of augmentation water, MGD, if required.

C3 = TDS concentration in augmentation water, MGD.

Q4 = Q1 + Q2 + Q3, MGD (Flow in Franks Creek, including Outfall 001).

C4 <= 500 mg/L (calculated TDS concentration at 116 in Franks Creek, which includes Outfall 001).

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 WASHINGTON, DC 20585	**Facility Location:**	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 05/01/19 to 05/31/19**	**DMR Due Date:**	**06/28/19**	**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:	--				

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								=	55	=	55	19 - mg/L		01/BA - Once Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
					Value NODI															
00181	Oxygen demand, ultimate	1 - Effluent Gross	0	--	Sample								<	5.19	=	5.92	19 - mg/L		02/BA - Twice Per Batch	CA - CALCTD
					Permit Req.									Req Mon MO AVG	<=	22 DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	CA - CALCTD
					Value NODI															
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	10			=	12	19 - mg/L		02/BA - Twice Per Batch	GR - GRAB
					Permit Req.						>=	3 MINIMUM				Req Mon MAXIMUM	19 - mg/L	0	02/BA - Twice Per Batch	GR - GRAB
					Value NODI															
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample								<	2.5	=	3	19 - mg/L		02/BA - Twice Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG	<=	10 DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	24 - COMP24
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	8.2			=	8.2	12 - SU		01/BA - Once Per Batch	GR - GRAB
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								<	4	<	4	19 - mg/L		02/BA - Twice Per Batch	24 - COMP24
					Permit Req.								<=	30 MO AVG	<=	45 DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	24 - COMP24
					Value NODI															
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample								<	0.1	<	0.1	25 - mL/L		02/BA - Twice Per Batch	GR - GRAB
					Permit Req.									Req Mon MO AVG	<=	.3 DAILY MX	25 - mL/L	0	02/BA - Twice Per Batch	GR - GRAB
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample								=	4.8	=	4.8	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.									Req Mon MO AVG	<=	15 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI															
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample								<	0.02	<	0.02	19 - mg/L		01/BA - Once Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG	<=	.1 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
					Value NODI															
00620	Nitrogen, nitrate total [as N]	1 - Effluent Gross	0	--	Sample								<	0.02	<	0.02	19 - mg/L		01/BA - Once Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
					Value NODI															
00625	Nitrogen, Kjeldahl, total [as N]	1 - Effluent Gross	0	--	Sample								=	0.32	=	0.32	19 - mg/L		02/BA - Twice Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	24 - COMP24
					Value NODI															
00746	Sulfide, dissolved, [as S]	1 - Effluent Gross	0	--	Sample								<	0.05	<	0.05	19 - mg/L		01/BA - Once Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG	<=	.4 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
					Value NODI															
00978	Arsenic, total recoverable	1 - Effluent Gross	0	--	Sample								=	0.0012	=	0.0012	19 - mg/L		01/BA - Once Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG	<=	.15 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
					Value NODI															
00979	Cobalt, total recoverable	1 - Effluent Gross	0	--	Sample								<	0.0006	<	0.0006	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.									Req Mon MO AVG	<=	.005 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI															
00981	Selenium, total recoverable	1 - Effluent Gross	0	--	Sample								<	0.0004	<	0.0004	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.									Req Mon MO AVG	<=	.004 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI															
01045	Iron, total [as Fe]	1 - Effluent Gross	0	--	Sample								=	0.086	=	0.095	19 - mg/L		02/BA - Twice Per Batch	24 - COMP24
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	24 - COMP24
					Value NODI															

01105	Aluminum, total [as Al]	1 - Effluent Gross	0	--	Sample									<	0.06	<	0.06	19 - mg/L	0	01/BA - Once Per Batch	24 - COMP24
					Permit Req.									<=	2 MO AVG	<=	4 DAILY MX	19 - mg/L		01/BA - Once Per Batch	24 - COMP24
					Value NODI																
01128	Vanadium, total recoverable	1 - Effluent Gross	0	--	Sample									<	0.0015	<	0.0015	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.										Req Mon MO AVG	<=	.014 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI																
34726	Nitrogen, ammonia, total [as NH3]	1 - Effluent Gross	0	--	Sample									=	0.013	=	0.016	19 - mg/L		02/BA - Twice Per Batch	24 - COMP24
					Permit Req.									<=	1.5 MO AVG	<=	2.1 DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	24 - COMP24
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.248	=	0.378	03 - MGD										02/BA - Twice Per Batch	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									0	02/BA - Twice Per Batch	CN - CONTIN
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									=	0.03	=	0.03	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.										Req Mon MO AVG	<=	.1 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI																
70295	Solids, total dissolved	1 - Effluent Gross	0	--	Sample									=	733	=	734	19 - mg/L		02/BA - Twice Per Batch	GR - GRAB
					Permit Req.										Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	02/BA - Twice Per Batch	GR - GRAB
					Value NODI																
71900	Mercury, total [as Hg]	1 - Effluent Gross	0	--	Sample									=	2.7	=	2.7	3M - ng/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.									<=	50 MO AVG		Req Mon DAILY MX	3M - ng/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI																
81646	Surfactants [linear alkylate sulfonate]	1 - Effluent Gross	0	--	Sample									=	0.013	=	0.013	19 - mg/L		01/BA - Once Per Batch	GR - GRAB
					Permit Req.										Req Mon MO AVG	<=	.04 DAILY MX	19 - mg/L	0	01/BA - Once Per Batch	GR - GRAB
					Value NODI																

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

Please note that the average results reported for Ultimate Oxygen Demand; BOD; Settleable Solids; Nitrite (as N) and Nitrate (as N) were flagged "R" unreliable during the data validation process due to sample holding time failures encountered with our contract laboratory. This issue is being tracked and addressed by a CHBWV Supplier Noncompliance Report (SNR).

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:	2019-06-18 13:43 (Time Zone: -04:00)

Report Last Signed By

User:	janice.williams@chbwv.com
Name:	Janice Williams
E-Mail:	janice.williams@chbwv.com
Date/Time:	2019-06-19 13:46 (Time Zone: -04:00)

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 WASHINGTON, DC 20585	**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 05/01/19 to 05/31/19**	**DMR Due Date:**	**06/28/19**	**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: --

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															
					Permit Req.									Req Mon MO AVG	<=	22 DAILY MX	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Value NODI									C - No Discharge		C - No Discharge				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	3 MINIMUM				Req Mon MAXIMUM	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG	<=	10 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI									C - No Discharge		C - No Discharge				
00400	pH	1 - Effluent Gross	0	--	Sample															
					Permit Req.						>=	6.5 MINIMUM			<=	8.5 MAXIMUM	12 - SU		02/30 - Twice Per Month	GR - GRAB
					Value NODI							C - No Discharge				C - No Discharge				
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample															
					Permit Req.								<=	30 MO AVG	<=	45 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					Value NODI									C - No Discharge		C - No Discharge				
00545	Solids, settleable	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG	<=	.3 DAILY MX	25 - mL/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG	<=	15 DAILY MX	19 - mg/L		02/30 - Twice Per Month	GR - GRAB
					Value NODI									C - No Discharge		C - No Discharge				
00615	Nitrogen, nitrite total [as N]	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG	<=	.1 DAILY MX	19 - mg/L		01/30 - Monthly	24 - COMP24
					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		01/30 - Monthly	24 - COMP24
					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		02/30 - 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.								<=	1.49 MO AVG	<=	2.1 DAILY MX	19 - mg/L		02/30 - Twice Per Month	24 - COMP24
					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 - CONTIN
					Value NODI		C - No Discharge		C - No Discharge											
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample															
					Permit Req.									Req Mon MO AVG	<=	.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 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:	2019-06-18 13:57 (Time Zone: -04:00)
Report Last Signed By	
User:	janice.williams@chbwv.com
Name:	Janice Williams
E-Mail:	janice.williams@chbwv.com
Date/Time:	2019-06-19 13:46 (Time Zone: -04:00)

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 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 05/01/19 to 05/31/19**	**DMR Due Date:**	**06/28/19**	**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:	--				

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															
					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											
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				

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:	2019-06-18 13:58 (Time Zone: -04:00)

Report Last Signed By

User:	janice.williams@chbwv.com
Name:	Janice Williams
E-Mail:	janice.williams@chbwv.com
Date/Time:	2019-06-19 13:46 (Time Zone: -04:00)

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 WASHINGTON, DC 20585	**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 05/01/19 to 05/31/19**	**DMR Due Date:**	**06/28/19**	**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 C	**Title:**	Director, USDOE-WVDP	**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			
70295	Solids, total dissolved	Z - Instream Monitoring	0	--	Sample								=	300	=	307	19 - mg/L		02/DS - Twice Per Discharge	CA - CALCTD
					Permit Req.									Req Mon MO AVG	<=	500 DAILY MX	19 - mg/L	0	02/DS - Twice Per Discharge	CA - CALCTD
					Value NODI															

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

Name	Type	Size
WVDP_May_2019_TDS_Calulation.pdf	pdf	276785

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:	2019-06-18 13:59 (Time Zone: -04:00)

Report Last Signed By

User:	janice.williams@chbwv.com
Name:	Janice Williams
E-Mail:	janice.williams@chbwv.com
Date/Time:	2019-06-19 13:46 (Time Zone: -04:00)

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 WASHINGTON, DC 20585	**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 05/01/19 to 05/31/19**	**DMR Due Date:**	**06/28/19**	**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:	--				

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								=	0.086	=	0.086	19 - mg/L		01/30 - Monthly	CA - CALCTD
					Permit Req.									Req Mon MO AVG	<=	1 DAILY MX	19 - mg/L	0	01/30 - Monthly	CA - CALCTD
					Value NODI															

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

Name	Type	Size
WVDP_May_2019_Net_Iron_Calculation.pdf	pdf	242031

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:	2019-06-18 14:04 (Time Zone: -04:00)

Report Last Signed By

User:	janice.williams@chbwv.com
Name:	Janice Williams
E-Mail:	janice.williams@chbwv.com
Date/Time:	2019-06-19 13:46 (Time Zone: -04:00)