



Beaver Valley Power Station
200 Shippingport Hill Rd.
P.O. Box 4
Shippingport, PA 15077-0004

April 22, 2022
L-22-107

Department of Environmental Protection
Bureau of Water Quality Management
Attention: DMR Clerk
400 Waterfront Drive
Pittsburgh, PA 15222

SUBJECT:

Beaver Valley Power Station Discharge Monitoring Report (NPDES) Permit No. PA0025615

Enclosed is the March 2022 NPDES Discharge Monitoring Report (DMR), 1st Quarter 2022 NPDES DMR, Chemical Additives Usage Report, Daily Effluent Monitoring Report, Cooling Water Intake Monitoring Report and 2021 Annual Stormwater Discharge Report in accordance with the requirements set forth in the site NPDES permit.

A review of the data indicates no permit parameters were exceeded during the month.

Should you have any questions regarding the attached and enclosed documents, please direct them to Amy Savage, at 724-682-7359.

Sincerely,

A handwritten signature in black ink, appearing to read "M. Enos", written over a horizontal line.

Matthew J. Enos
General Plant Manager

IE25
NRR

Beaver Valley Power Station, Unit Nos. 1 and 2
L-22-107
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Enclosure(s):

- A. Monthly Discharge Monitoring Report
- B. Chemical Additives Usage Report
- C. Daily Effluent Monitoring Report
- D. Cooling Water Intake Monitoring Report
- E. 1st Quarter 2022 Discharge Monitoring Report
- F. 1st Quarter 2022 Daily Effluent Monitoring Reports
- G. 2021 Annual Stormwater Discharge Report

cc: Document Control Desk US NRC *(NOTE: No new US NRC commitments are contained in this letter.)*

FOR INTERNAL DISTRIBUTION USE ONLY

Internal Distribution of Letter L-22-107

S. York
M. Reffert (ERM – Cranberry)
Environmental File
Central File: ***Keyword- DMR***

ENCLOSURE A



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

001
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	73.6	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	7.2	***	8.2	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Phenolics, Total (32730)	Sample Measurement	***	***	***	***	<.01	<.01	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Chromium, Total (01034)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.2 Daily Max		1/week	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	***	.01	.012	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Iron, Total (01045)	Sample Measurement	***	***	***	***	2.5	2.5	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max		1/week	24-Hr Composite
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	.99	.99	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	34.2	37.6	MGD	***	***	***	***	Continuous	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Continuous	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	<.04	.12	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.5 Avg Mo	1.25 IMAX		1/week	Grab
NaClO H150M (51698)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	24-Hr Composite
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	<.02	.1	mg/L	Continuous	Recorded
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		Continuous	Recorded
Mercury, Total (71900)	Sample Measurement	***	***	***	***	<.2	<.2	ug/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max		1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

002
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.046	.046	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***	***	1/week	Estimate
Facility Sampling Point Comments										



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PA0025615
 PERMIT NUMBER

003
 OUTFALL NUMBER

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 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	.41	.84	mg/L	3/month	24-Hr Composite
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	24-Hr Composite
Flow (50050)	Sample Measurement	.166	.192	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Nalco H150M (51698)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	Grab
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .21	.24	ug/L	3/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max		1/week	Grab
Facility Sampling Point Comments										



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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615	004
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
2022	03	01		2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	***	°F		
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Chromium, Total (01034)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.2 Daily Max		1/week	24-Hr Composite
Copper, Total (01042)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max		1/week	24-Hr Composite
Aluminum, Total (01105)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Calculation
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.5 Avg Mo	1.25 IMAX		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		1/week	Grab
Facility Sampling Point Comments										



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BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

006
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	.016	.016	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***	***	1/week	Estimate
Facility Sampling Point Comments										



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 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

007
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	***	°F		
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		8.0 Inst Min	***	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	***	.20 Daily Max		1/week	Grab
Nalco H150M (51698)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	Grab
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: **ENERGY HARBOR NUCLEAR CORP**
 ADDRESS: **168 E MARKET ST, AKRON OH, 44308-2014**
 FACILITY: **FIRSTENERGY BEAVER VALLEY POWER STATION 1**
 LOCATION: **PA ROUTE 168, SHIPPINGPORT PA, 15077**
 STAGE: **Final Effluent**

PA0025615
 PERMIT NUMBER

010
 OUTFALL NUMBER

Reporting Frequency: **Monthly**
 DMR Effective From: **03/01/2022**
 DMR Effective To: **03/31/2022**
 Permit Expires: **10/31/2026**
 Permit Application Due: **05/04/2026**
 No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Temperature (deg F) (00011)	Sample Measurement	***	***	***	***	***	63.3	°F	1/day	I-S
	Permit Requirement	***	***		***	***	110 Daily Max		1/day	I-S
pH (00400)	Sample Measurement	***	***	***	6.7	***	7.7	S.U.	1/week	Grab
	Permit Requirement	***	***		8.0 Inst Min	***	9.0 IMAX		1/week	Grab
Flow (50050)	Sample Measurement	3.17	3.6	MGD	***	***	***	***	1/week	Measured
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Measured
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	.10	mg/L	1/week	Grab
	Permit Requirement	***	***		***	***	.20 Daily Max		1/week	Grab
Nalco H150M (51698)	Sample Measurement	***	***	***	***	GG	GG	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		1/week	24-Hr Composite
Free Available Chlorine (50064)	Sample Measurement	***	***	***	***	< .04	.08	mg/L	1/week	Grab
	Permit Requirement	***	***		***	.2 Avg Mo	.5 Daily Max		1/week	Grab
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .2	< .2	ug/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
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NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

011
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (60050)	Sample Measurement	.004	.004	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Mercury, Total (71900)	Sample Measurement	***	***	***	***	< .2	< .2	ug/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Facility Sampling Point Comments										



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 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

012
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
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 No Discharge: ☐

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PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.5	***	7.6	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Cadmium, Total (01027)	Sample Measurement	***	***	***	***	< .001	< .001	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	***	.016	.022	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	.016	.023	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
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BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025815
PERMIT NUMBER

013
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
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PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.0	***	7.1	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Copper, Total (01042)	Sample Measurement	***	***	***	***	.0034	.0047	mg/L	2/month	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



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DEPARTMENT OF ENVIRONMENTAL PROTECTION
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 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

101
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.4	***	7.6	S.U.	1/week	Grab
	Permit Requirement	***	***	***	6.0 Inst Min	***	9.0 IMAX	***	1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 4.2	4.9	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	30.0 Avg Mo	100.0 Daily Max	***	1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 4.7	< 5.1	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	15.0 Avg Mo	20.0 Daily Max	***	1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	GG	GG	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	1/week	Grab
Flow (50050)	Sample Measurement	.008	.009	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	***	***	***	***	1/week	Estimate
Hydrazine (81313)	Sample Measurement	***	***	***	***	GG	GG	mg/L	1/week	Grab
	Permit Requirement	***	***	***	***	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

102
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.0	***	7.8	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	16.8	28.0	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 4.7	< 5.2	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

103
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
2022	03	01		TO	2022	03

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.7	***	7.4	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	6.5	7.4	mg/L	2/month	See Permit
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	See Permit
Oil and Grease (00558)	Sample Measurement	***	***	***	***	< 5.2	< 5.6	mg/L	2/month	Grab
	Permit Requirement	***	***		***	16.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.12	.31	MGD	***	***	***	***	2/month	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		2/month	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

108
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***	Weekly when Discharging	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***			
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L	Weekly when Discharging	Grab
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max			
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

111
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.2	***	7.4	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 6.0	11.2	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 4.8	< 5.1	mg/L	1/week	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615	211
PERMIT NUMBER	OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.0	***	7.7	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 7.9	21.8	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00558)	Sample Measurement	***	***	***	***	< 4.8	< 5.0	mg/L	1/week	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
PERMIT NUMBER

301
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00558)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement				***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

303
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.0	***	7.4	S.U.	2/month	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	13.0	19.5	mg/L	2/month	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 4.1	< 4.1	mg/L	2/month	Grab
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		2/month	Grab
Flow (50050)	Sample Measurement	.056	.056	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
PERMIT NUMBER

313
OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD											
YEAR				MO				DAY			
FROM	2022	03	01	TO	2022	03	31				

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	6.2	***	7.2	S.U.	1/week	Grab
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 5.0	8.8	mg/L	1/week	Grab
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 4.8	< 5.0	mg/L	1/week	Grab
	Permit Requirement	***	***		***	15 Avg Mo	20 Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	.002	.002	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

401
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☐

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	7.1	***	***	S.U.	2/month	Grab
	Permit Requirement	***	***	***	6.0 Inst Min	***	***	***	2/month	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	< 4.0	< 4.0	mg/L	2/month	Grab
	Permit Requirement	***	***	***	***	30.0 Avg Mo	100.0 Daily Max	***	2/month	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	< 5.1	< 5.1	mg/L	2/month	Grab
	Permit Requirement	***	***	***	***	15.0 Avg Mo	20.0 Daily Max	***	2/month	Grab
Flow (50050)	Sample Measurement	.001	.001	MGD	***	***	***	***	1/week	Estimate
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max	***	***	***	***	***	1/week	Estimate
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

403
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		Weekly when Discharging	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		Weekly when Discharging	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		Weekly when Discharging	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		Weekly when Discharging	Grab
Chromium, Total (01034)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.2 Avg Mo	.2 Daily Max		Weekly when Discharging	Grab
Zinc, Total (01092)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	1.0 Avg Mo	1.0 Daily Max		Weekly when Discharging	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		Weekly when Discharging	Estimate
Total Residual Chlorine (TRC) (50060)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.6 Avg Mo	1.25 IMAX		Weekly when Discharging	Grab
NaClO H150M (51698)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.034 Avg Mo	.034 Daily Max		Weekly when Discharging	Grab
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	.007 Avg Mo	.007 Daily Max		Weekly when Discharging	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

601
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM 2022	03	01	TO	2022	03	31	

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Internal Monitoring Point

PA0025615
 PERMIT NUMBER

701
 OUTFALL NUMBER

Reporting Frequency: Monthly
 DMR Effective From: 03/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	03	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
pH (00400)	Sample Measurement	***	***	***	***	***	***	S.U.		
	Permit Requirement	***	***		6.0 Inst Min	***	9.0 IMAX		1/week	Grab
Total Suspended Solids (00530)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	30.0 Avg Mo	100.0 Daily Max		1/week	Grab
Oil and Grease (00556)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	15.0 Avg Mo	20.0 Daily Max		1/week	Grab
Ammonia-Nitrogen (00610)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Flow (50050)	Sample Measurement	***	***	MGD	***	***	***	***		
	Permit Requirement	Monitor & Report Avg Mo	Monitor & Report Daily Max		***	***	***		1/week	Estimate
Hydrazine (81313)	Sample Measurement	***	***	***	***	***	***	mg/L		
	Permit Requirement	***	***		***	Monitor & Report Avg Mo	Monitor & Report Daily Max		1/week	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Attach C March 2022 Daily Effluent .pdf	Daily Effluent Monitoring Form	2022-04-28T05:45:29-04:00	
Attach D March 2022 CW Intake Monitoring.pdf	Other	2022-04-28T05:49:14-04:00	PADEP Form 3800-FM-BCW0010 2/2020
Annual Stormwater Report Signed.pdf	Stormwater Annual Inspection Report	2022-04-28T05:51:23-04:00	
March 2022 Cover Letter Signed.pdf	Cover Letter	2022-04-27T15:52:39-04:00	This cover letter applies to both the Q1 Quarterly DMR and the March 2022 Monthly DMR
Attach B Chemical Additives.pdf	Chemical Additives Usage Form	2022-04-27T15:55:47-04:00	

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
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COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
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SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).	TELEPHONE		DATE			
enosmj		Matthew Enos	(724)	682-7773	2022	04	28
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

ENCLOSURE B



pennsylvania
DEPARTMENT OF ENVIRONMENTAL PROTECTION

SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

3800-FM-BCW0439 3/2014

Facility Name: Beaver Valley Power Station - Unit 1
Municipality: Shippingport Borough County: Beaver
Watershed: Ohio River

Month: March Year: 2022
NPDES Permit No.: PA0025615 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

Day	Chemical Names															
	Bleach		Control Brom CB-70		Surfactant Nalco 73550		Dispersant Nalco 3DT-120		Acti Brom Nalco 1318		Biocide Nalco H-150M		Dechlorination Nalco 7408			
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	233.0		19.0		0.0		24.0		0.0		0.0		20.0			
2	243.0		19.0		0.0		24.0		0.0		0.0		21.0			
3	243.0		19.0		0.0		24.0		0.0		0.0		20.0			
4	233.0		19.0		0.0		24.0		0.0		0.0		21.0			
5	233.0		19.0		0.0		31.0		0.0		0.0		20.0			
6	233.0		19.0		0.0		31.0		0.0		0.0		20.0			
7	233.0		19.0		0.0		31.0		0.0		0.0		30.0			
8	243.0		19.0		0.0		31.0		0.0		0.0		19.0			
9	233.0		19.0		0.0		41.0		0.0		0.0		29.0			
10	117.0		10.0		0.0		55.0		0.0		0.0		13.0			
11	158.0		13.0		0.0		55.0		0.0		0.0		20.0			
12	214.0		18.0		0.0		55.0		0.0		0.0		17.0			
13	233.0		19.0		0.0		55.0		0.0		0.0		14.0			
14	233.0		19.0		0.0		55.0		0.0		0.0		23.0			
15	233.0		19.0		0.0		55.0		0.0		0.0		18.0			
16	233.0		19.0		27.0		55.0		0.0		0.0		66.0			
17	233.0		19.0		0.0		50.0		0.0		0.0		19.0			
18	233.0		19.0		27.0		50.0		0.0		0.0		19.0			
19	233.0		19.0		0.0		45.0		0.0		0.0		21.0			
20	233.0		19.0		0.0		45.0		0.0		0.0		20.0			
21	233.0		19.0		27.0		45.0		0.0		0.0		20.0			
22	243.0		19.0		0.0		22.0		0.0		0.0		51.0			
23	233.0		19.0		27.0		22.0		0.0		0.0		20.0			
24	175.0		14.0		27.0		22.0		0.0		0.0		17.0			
25	243.0		19.0		0.0		22.0		0.0		0.0		20.0			
26	233.0		19.0		0.0		22.0		0.0		0.0		20.0			
27	243.0		19.0		0.0		22.0		0.0		0.0		20.0			
28	232.0		19.0		0.0		22.0		0.0		0.0		20.0			
29	244.0		19.0		0.0		22.0		0.0		0.0		21.0			
30	179.0		15.0		0.0		22.0		0.0		0.0		21.0			
31	224.0		17.0		27.0		22.0		0.0		0.0		21.0			
Average	224.6		18.1		5.2		35.5						22.6			
Maximum	244.0		19.0		27.0		55.0						66.0			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/1/2022

SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

3800-FM-BCW0439 3/2014

Facility Name: Beaver Valley Power Station - Unit 2
Municipality: Shippingport Borough County: Beaver
Watershed: Ohio River

Month: March Year: 2022
NPDES Permit No.: PA0025615 Outfall: 001
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

Day	Chemical Names															
	Bleach		Control Brom		Surfactant		Dispersant		Biocide		Dechlorination					
	gallons	lbs	70	CB-	Nalco 73550		3DT-120	Nalco	H150-M		Nalco 7408		gallons	lbs	gallons	lbs
1	259.0		28.0		27.0		17.0		0.0		0.0					
2	259.0		28.0		27.0		17.0		0.0		0.0					
3	259.0		28.0		27.0		17.0		0.0		0.0					
4	259.0		28.0		27.0		17.0		0.0		0.0					
5	259.0		28.0		14.0		44.0		0.0		0.0					
6	259.0		28.0		27.0		44.0		0.0		0.0					
7	259.0		28.0		27.0		44.0		0.0		0.0					
8	259.0		28.0		0.0		44.0		0.0		0.0					
9	259.0		28.0		0.0		44.0		0.0		0.0					
10	129.0		14.0		0.0		44.0		0.0		0.0					
11	259.0		28.0		0.0		44.0		0.0		0.0					
12	0.0		0.0		0.0		44.0		0.0		0.0					
13	0.0		0.0		0.0		44.0		0.0		0.0					
14	259.0		28.0		0.0		44.0		0.0		0.0					
15	259.0		28.0		0.0		44.0		0.0		0.0					
16	259.0		28.0		27.0		44.0		0.0		0.0					
17	259.0		28.0		27.0		44.0		0.0		0.0					
18	259.0		14.0		27.0		44.0		0.0		0.0					
19	259.0		0.0		27.0		44.0		0.0		0.0					
20	259.0		0.0		27.0		44.0		0.0		0.0					
21	259.0		0.0		27.0		44.0		0.0		0.0					
22	259.0		0.0		27.0		22.0		0.0		0.0					
23	259.0		28.0		27.0		22.0		0.0		0.0					
24	194.0		21.0		27.0		22.0		0.0		0.0					
25	259.0		28.0		27.0		22.0		0.0		0.0					
26	259.0		28.0		27.0		22.0		0.0		0.0					
27	259.0		28.0		27.0		22.0		0.0		0.0					
28	0.0		0.0		0.0		22.0		0.0		0.0					
29	0.0		0.0		0.0		22.0		0.0		0.0					
30	231.0		25.0		27.0		22.0		0.0		0.0					
31	255.0		27.0		27.0		22.0		0.0		0.0					
Average	218.3		19.5		17.9		33.4									
Maximum	259.0		28.0		27.0		44.0									

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/1/2022



SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

Facility Name: Beaver Valley power Station
Municipality: Shippingport Borough County: Beaver
Watershed: Ohio River

Month: March Year: 2022
NPDES Permit No.: PA0025615 Outfall: 003
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

Day	Chemical Names															
	RO Antiscalant Hypersperse															
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	0.78															
2	0.09															
3	0.0															
4	0.03															
5	0.29															
6	0.0															
7	0.45															
8	0.42															
9	0.49															
10	0.09															
11	0.52															
12	0.09															
13	0.0															
14	0.56															
15	0.0															
16	0.0															
17	0.49															
18	0.78															
19	0.56															
20	0.0															
21	0.39															
22	0.45															
23	0.32															
24	0.0															
25	0.42															
26	0.16															
27	0.0															
28	0.39															
29	0.45															
30	0.39															
31	0.09															
Average	0.3															
Maximum	0.8															

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/5/2022

SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

3800-FM-BCW0439 3/2014

Facility Name: Beaver Valley Power Station
Municipality: Shippingport Borough County: Beaver
Watershed: Ohio River

Month: March Year: 2022
NPDES Permit No.: PA0025615 Outfall: 010
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

Day	Chemical Names															
	Sodium Hypochlorite		Control-Brom 70 CB		Biocide Nalco H-150M		Dechlorination NALCO 7408		Corrosion Inhib. NALCO CL-50							
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	10.0		0.0		0.0		2.0		0.0							
2	0.0		0.0		0.0		2.0		0.0							
3	10.0		0.0		0.0		2.0		0.0							
4	0.0		0.0		0.0		2.0		0.0							
5	0.0		0.0		0.0		2.0		0.0							
6	0.0		0.0		0.0		2.0		0.0							
7	10.0		0.0		0.0		2.0		0.0							
8	0.0		0.0		0.0		2.0		0.0							
9	10.0		0.0		0.0		2.0		0.0							
10	0.0		0.0		0.0		2.0		0.0							
11	0.0		0.0		0.0		2.0		0.0							
12	0.0		0.0		0.0		2.0		0.0							
13	0.0		0.0		0.0		2.0		0.0							
14	0.0		0.0		0.0		2.0		0.0							
15	0.0		0.0		0.0		2.0		0.0							
16	0.0		0.0		0.0		2.0		0.0							
17	0.0		0.0		0.0		2.0		0.0							
18	0.0		0.0		0.0		2.0		0.0							
19	0.0		0.0		0.0		2.0		0.0							
20	0.0		0.0		0.0		2.0		0.0							
21	10.0		0.0		0.0		2.0		0.0							
22	0.0		0.0		0.0		2.0		0.0							
23	10.0		0.0		0.0		3.0		0.0							
24	0.0		0.0		0.0		0.0		0.0							
25	0.0		0.0		0.0		2.0		0.0							
26	10.0		0.0		0.0		3.0		0.0							
27	0.0		0.0		0.0		2.0		0.0							
28	10.0		0.0		0.0		3.0		0.0							
29	0.0		0.0		0.0		2.0		0.0							
30	8.0		0.0		0.0		2.0		0.0							
31	0.0		0.0		0.0		2.0		0.0							
Average	2.8						2.0									
Maximum	10.0						3.0									

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/1/2022

SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

3800-FM-BCW0439 3/2014

Facility Name: Beaver Valley Power Station - Unit 1 Secondary
Municipality: Shippingport Borough County: Beaver
Watershed: Ohio River

Month: March Year: 2022
NPDES Permit No.: PA0025615 Outfall: No Outfall
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

These feedwater additives are not typically discharged. They are reported to align with DEP guidance.

Day	Chemical Names															
	Hydrazine		Monoethanolamine PT7000													
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	5.0		0.0													
2	5.0		0.0													
3	5.0		0.0													
4	5.0		1.0													
5	5.0		0.0													
6	5.0		0.0													
7	5.0		0.0													
8	5.0		0.0													
9	5.0		0.0													
10	5.0		0.0													
11	5.0		1.0													
12	5.0		1.0													
13	5.0		0.0													
14	5.0		0.0													
15	5.0		0.0													
16	4.0		0.0													
17	4.0		0.5													
18	4.0		0.5													
19	4.0		0.0													
20	4.0		0.0													
21	4.0		5.0													
22	4.0		5.0													
23	4.0		3.0													
24	4.0		2.0													
25	6.0		2.0													
26	6.0		2.0													
27	0.0		0.0													
28	5.0		1.0													
29	4.5		0.0													
30	4.5		0.0													
31	4.5		0.0													
Average	4.6		0.8													
Maximum	6.0		5.0													

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Jim Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/1/2022



SUPPLEMENTAL REPORT - CHEMICAL ADDITIVES USAGE

Facility Name: Beaver Valley Power Station - Unit 2 Secondary
Municipality: Shippingport Borough County: Beaver
Watershed: Ohio River

Month: March Year: 2022
NPDES Permit No.: PA0025615 Outfall: No Outfall
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

These feedwater additives are not typically discharged. They are reported to align with DEP guidance.

Day	Chemical Names															
	Hydrazine		Monoethanolamine PT7000													
	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs	gallons	lbs
1	7.0		0.0													
2	7.0		0.0													
3	7.0		0.0													
4	7.0		0.0													
5	7.0		0.0													
6	7.0		0.0													
7	7.0		0.0													
8	7.0		0.0													
9	7.0		0.0													
10	7.0		0.0													
11	7.0		0.0													
12	7.0		0.0													
13	7.0		0.0													
14	7.0		0.0													
15	7.0		0.0													
16	6.0		0.0													
17	5.0		0.0													
18	5.0		0.0													
19	9.5		0.0													
20	7.0		0.0													
21	5.0		0.0													
22	7.0		0.0													
23	7.0		4.0													
24	7.0		0.0													
25	7.0		0.0													
26	7.0		0.0													
27	7.0		0.0													
28	7.0		0.0													
29	6.5		0.0													
30	6.5		0.0													
31	6.5		0.0													
Average	6.8		0.1													
Maximum	9.5		4.0													

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Jim Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/1/2022

ENCLOSURE C

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station
Municipality: Shippingport Borough County: Beaver
Watershed: 20-B
Laboratories: TestAmerica, BVPS Lab

Month: 3 (select number) Year: 2022
Permit No.: _____ Outfall: 001
Renewal application due **180 days** prior to expiration.
This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	Free Available Chlorine	Temperature	NH3-N	Total Aluminum	Total Chromium	Total Copper	Total Iron	Total Mercury	Total Zinc	Hydrazine	Nalco H150M	Total Phenolics
Stage			1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L
1	Sun	2/27/22															
	Mon	2/28/22															
	Tue	3/1/22	35.5			<	0.02										
	Wed	3/2/22	35.6			<	0.02										
	Thu	3/3/22	37.6	7.3	0.12	<	0.1		0.98		0.012	2.5	<	0.0002			<
	Fri	3/4/22	37.2			<	0.02										0.01
	Sat	3/5/22	34.4			<	0.02										
2	Sun	3/6/22	32.8			<	0.02										
	Mon	3/7/22	34.3	7.2	<	0.02	<	0.02	0.99		0.007	2.4	<	0.0002			<
	Tue	3/8/22	36.0			<	0.02										0.01
	Wed	3/9/22	26.5			<	0.02										
	Thu	3/10/22	35.7			<	0.02										
	Fri	3/11/22	35.4			<	0.02										
	Sat	3/12/22	37.1			<	0.02										
3	Sun	3/13/22	36.5			<	0.02										
	Mon	3/14/22	33.6	7.3	<	0.02	<	0.02									
	Tue	3/15/22	33.5			<	0.02										
	Wed	3/16/22	32.6			<	0.02										
	Thu	3/17/22	32.4			<	0.02										
	Fri	3/18/22	32.7			<	0.02										
	Sat	3/19/22	32.7			<	0.02										
4	Sun	3/20/22	34.3			<	0.02										
	Mon	3/21/22	33.6	8.2	<	0.02	<	0.02									
	Tue	3/22/22	33.7			<	0.02										
	Wed	3/23/22	33.3			<	0.02										
	Thu	3/24/22	33.0			<	0.02										
	Fri	3/25/22	34.8			<	0.02										
	Sat	3/26/22	36.0			<	0.02										
5	Sun	3/27/22	36.1			<	0.02										
	Mon	3/28/22	36.3	7.3	<	0.02	<	0.02									
	Tue	3/29/22	34.8			<	0.02										
	Wed	3/30/22	31.6			<	0.02										
	Thu	3/31/22	29.8			<	0.02										
	Fri	4/1/22															
	Sat	4/2/22															
Statistics for DMR																	
Daily Minimum (Conc.):				7.2	<	0.02	<	0.02	57.7		0.98		0.007	2.4	<	0.0002	<
Daily Maximum (Conc.):				8.2		0.12	<	0.1	73.6		0.99		0.012	2.5	<	0.0002	<
Max Avg Weekly (Conc.):						0.12	<	0.04	69.2		0.99		0.012	2.5	<	0.0002	<
Avg Monthly (Conc.):						<	0.04	<	0.02	66		0.99		0.01	2.5	<	0.0002
Geometric Mean (Conc.):																	<
Max Avg Weekly (Load):				36.050399		38	<	11	308		4	785	<	0.06			<
Avg Monthly (Load):				34.175873		12	<	7	296		3	738	<	0.06			<
Total Monthly (Load):				1059.4521		376	<	202	9163		89	22818	<	2			<
Daily Minimum (Load):				26.509668		6	<	4	284		2	687	<	0.06			<
Daily Maximum (Load):				37.641276		38		31	308		4	785	<	0.06			<

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/1/2022



3800-FM-BCWD435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 002
 Renewal application due **180 days** prior to expiration.
 This permit will expire on: **October 31, 2026**

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.S. § 4904 (relating to unlawful falsification).

License No.: _____
Date: **4/4/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 003
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: **4/11/2022**

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW6435 3/2012

Facility Name: Beaver Valley Power Station
Municipality: Shippingport Borough County: Beaver
Watershed: 20-B
Laboratories: TestAmerica, BVPS Lab

Month: 3 (select number) Year: 2022
Permit No.: _____ Outfall: 004
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	Free Available Chlorine	Temperature	Total Aluminum	Total Chromium	Total Copper	Total Mercury	Total Zinc															
Stage			1	1	1	1	1	1	1	1	1	1															
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	°F	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q		Q		Q		Q	
1	Sun	2/27/22																									
	Mon	2/28/22																									
	Tue	3/1/22	0.0																								
	Wed	3/2/22																									
	Thu	3/3/22																									
	Fri	3/4/22																									
	Sat	3/5/22	0.0																								
2	Sun	3/6/22																									
	Mon	3/7/22	0.0																								
	Tue	3/8/22																									
	Wed	3/9/22																									
	Thu	3/10/22																									
	Fri	3/11/22																									
	Sat	3/12/22																									
3	Sun	3/13/22																									
	Mon	3/14/22	0.0																								
	Tue	3/15/22																									
	Wed	3/16/22																									
	Thu	3/17/22																									
	Fri	3/18/22																									
	Sat	3/19/22																									
4	Sun	3/20/22																									
	Mon	3/21/22	0.0																								
	Tue	3/22/22																									
	Wed	3/23/22																									
	Thu	3/24/22																									
	Fri	3/25/22																									
	Sat	3/26/22																									
5	Sun	3/27/22																									
	Mon	3/28/22	0.0																								
	Tue	3/29/22																									
	Wed	3/30/22																									
	Thu	3/31/22																									
	Fri	4/1/22																									
	Sat	4/2/22																									

Statistics for DMR																		
Daily Minimum (Conc.):																		
Daily Maximum (Conc.):																		
Max Avg Weekly (Conc.):																		
Avg Monthly (Conc.):																		
Geometric Mean (Conc.):																		
Max Avg Weekly (Load):																		
Avg Monthly (Load):																		
Total Monthly (Load):																		
Daily Minimum (Load):	0																	
Daily Maximum (Load):	0																	

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
Title: Senior Nuclear Specialist Date: 4/4/2022



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 006
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
 Title: Senior Nuclear Specialist Date: 4/4/2022



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 007
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: **3/14/2022**



3800-FM-BCWD435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 010
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
 Title: Senior Nuclear Specialist Date: 4/4/2022



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 011
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.S. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
 Title: Senior Nuclear Specialist Date: 4/4/2022



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 012
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: **4/8/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 013
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to sworn falsification).

License No.: _____
Date: **4/4/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 101
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: **4/13/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 102
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.S. c. § 4904 (relating to unsworn falsification).

License No.: _____
Date: **4/13/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 103
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is true to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
 Title: Senior Nuclear Specialist Date: 4/4/2022



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 108
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
 Title: Senior Nuclear Specialist Date: _____



3600-FM-BCWD435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 111
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.A.C.S. § 4904 (relating to unlawful falsification).

License No.: _____
Date: **4/13/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 211
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
 Title: Senior Nuclear Specialist Date: 4/13/2022

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station
Municipality: Shippingport Borough County: Beaver
Watershed: 20-B
Laboratories: TestAmerica, BVPS Lab

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 301
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

Parameter			Flow	TSS		Oil and Grease														
Stage			1	RI		RI														
Week	Day	Date	MGD	q	mg/L	q	mg/L	q		q		q		q		q		q		q
1	Sun	2/27/22																		
	Mon	2/28/22																		
	Tue	3/1/22																		
	Wed	3/2/22																		
	Thu	3/3/22																		
	Fri	3/4/22																		
	Sat	3/5/22																		
2	Sun	3/6/22																		
	Mon	3/7/22	0.0																	
	Tue	3/8/22																		
	Wed	3/9/22																		
	Thu	3/10/22																		
	Fri	3/11/22																		
	Sat	3/12/22																		
3	Sun	3/13/22																		
	Mon	3/14/22	0.0																	
	Tue	3/15/22																		
	Wed	3/16/22																		
	Thu	3/17/22																		
	Fri	3/18/22																		
	Sat	3/19/22																		
4	Sun	3/20/22																		
	Mon	3/21/22																		
	Tue	3/22/22	0.0																	
	Wed	3/23/22																		
	Thu	3/24/22																		
	Fri	3/25/22																		
	Sat	3/26/22																		
5	Sun	3/27/22																		
	Mon	3/28/22	0.0																	
	Tue	3/29/22																		
	Wed	3/30/22																		
	Thu	3/31/22																		
	Fri	4/1/22																		
	Sat	4/2/22																		
Statistics for DMR																				
Daily Minimum (Conc.):																				
Daily Maximum (Conc.):																				
Max Avg Weekly (Conc.):																				
Avg Monthly (Conc.):																				
Geometric Mean (Conc.):																				
Max Avg Weekly (Load):																				
Avg Monthly (Load):																				
Total Monthly (Load):																				
Daily Minimum (Load):			0																	
Daily Maximum (Load):			0																	

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.S. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: **4/13/2022**



3800-FM-RCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 303
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unlawful falsification).

License No.: _____
Date: **4/13/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 313
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.S. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: **4/13/2022**



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 401
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.A.C.S. § 4904 (relating to unlawful falsification).

License No.: _____
Date: **4/6/2022**

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station
Municipality: Shippingport Borough County: Beaver
Watershed: 20-B
Laboratories: TestAmerica, BVPS Lab

Month: 3 (select number) Year: 2022
Permit No.: _____ Outfall: 403
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	TSS	Oil and Grease	NH3-N	Total Chromium	Total Zinc	Hydrazine	Nalco H150M						
Stage			1	RI	RI	RI	RI	RI	RI	RI	RI	RI						
Week	Day	Date	MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q
1	Sun	2/27/22																
	Mon	2/28/22																
	Tue	3/1/22																
	Wed	3/2/22																
	Thu	3/3/22																
	Fri	3/4/22																
	Sat	3/5/22																
2	Sun	3/6/22																
	Mon	3/7/22																
	Tue	3/8/22	0.0															
	Wed	3/9/22																
	Thu	3/10/22																
	Fri	3/11/22																
	Sat	3/12/22																
3	Sun	3/13/22																
	Mon	3/14/22	0.0															
	Tue	3/15/22																
	Wed	3/16/22																
	Thu	3/17/22																
	Fri	3/18/22																
	Sat	3/19/22																
4	Sun	3/20/22																
	Mon	3/21/22	0.0															
	Tue	3/22/22																
	Wed	3/23/22																
	Thu	3/24/22																
	Fri	3/25/22																
	Sat	3/26/22																
5	Sun	3/27/22																
	Mon	3/28/22	0.0															
	Tue	3/29/22																
	Wed	3/30/22																
	Thu	3/31/22																
	Fri	4/1/22																
	Sat	4/2/22																
Statistics for DMR																		
Daily Minimum (Conc.):																		
Daily Maximum (Conc.):																		
Max Avg Weekly (Conc.):																		
Avg Monthly (Conc.):																		
Geometric Mean (Conc.):																		
Max Avg Weekly (Load):																		
Avg Monthly (Load):																		
Total Monthly (Load):																		
Daily Minimum (Load):			0															
Daily Maximum (Load):			0															

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey License No.: _____
Title: Senior Nuclear Specialist Date: 4/13/2022



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 601
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

[illegible]

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: _____



3800-FM-BCW0435 3/2012

Month: 3 (select number) Year: 2022
 Permit No.: _____ Outfall: 701
 Renewal application due **180 days** prior to expiration.
 This permit will expire on: **October 31, 2026**

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

License No.: _____
Date: _____

ENCLOSURE D

SUPPLEMENTAL REPORT - COOLING WATER INTAKE MONITORING

3800-FM-BCW0010 2/2020

Facility Name: Beaver Valley Power Station - Unit 1
Municipality: Shippingport Borough County: Beaver
Watershed: 20-B 20-D

Month: March Year: 2022
NPDES Permit No.: PA0025615
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

	Actual Intake Flow	Cooling Water Withdrawal	Make-Up Water	Blowdown Volume	Cycles of Concentration	Actual Through Screen Velocity		
Day	MGD	MGD	Million Gallons	Million Gallons	#	fps		
1					1.52			
2					1.53			
3					2.0			
4					1.89			
5					1.6			
6					1.59			
7					1.75			
8					1.34			
9					1.35			
10					1.24			
11					1.8			
12					1.8			
13					1.6			
14					1.67			
15					1.8			
16					1.73			
17					1.71			
18					1.17			
19					1.13			
20					1.16			
21					1.19			
22					1.22			
23					1.37			
24					2.22			
25					2.19			
26					1.96			
27					1.9			
28					1.1			
29					1.06			
30					1.17			
31					1.33			
Average					1.6			
Maximum					2.2			

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Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/4/2022



SUPPLEMENTAL REPORT - COOLING WATER INTAKE MONITORING

Facility Name: Beaver Valley Power Station - Unit 2
Municipality: Shippingport Borough County: Beaver
Watershed: 20-B 20-D

Month: March Year: 2022
NPDES Permit No.: PA0025615
Renewal application due 180 days prior to expiration.
This permit will expire on: October 31, 2026

	Actual Intake Flow	Cooling Water Withdrawal	Make-Up Water	Blowdown Volume	Cycles of Concentration	Actual Through Screen Velocity		
Day	MGD	MGD	Million Gallons	Million Gallons	#	fps		
1					1.48			
2					1.52			
3					1.7			
4					1.45			
5					1.45			
6					1.34			
7					1.6			
8					1.55			
9					1.54			
10					1.53			
11					1.72			
12					1.74			
13					1.54			
14					1.65			
15					1.63			
16					1.62			
17					1.81			
18					1.19			
19					1.18			
20					1.17			
21					1.19			
22					1.2			
23					1.15			
24					1.14			
25					1.96			
26					1.76			
27					1.71			
28					1.14			
29					1.0			
30					1.09			
31					1.18			
Average					1.4			
Maximum					2.0			

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: James Harvey
Title: Senior Nuclear Specialist

License No.: _____
Date: 4/4/2022

ENCLOSURE E



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

NAME: ENERGY HARBOR NUCLEAR CORP
 ADDRESS: 168 E MARKET ST, AKRON OH, 44308-2014
 FACILITY: FIRSTENERGY BEAVER VALLEY POWER STATION 1
 LOCATION: PA ROUTE 168, SHIPPINGPORT PA, 15077
 STAGE: Final Effluent

PA0025615
 PERMIT NUMBER

004
 OUTFALL NUMBER

Reporting Frequency: Quarterly
 DMR Effective From: 01/01/2022
 DMR Effective To: 03/31/2022
 Permit Expires: 10/31/2026
 Permit Application Due: 05/04/2026
 No Discharge: ☒

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 2022	01	01	TO	2022	03	31

PARAMETERS REPORTED VALUES

PARAMETER		QUANTITY OR LOADING			QUANTITY OR CONCENTRATION				SAMPLING FREQUENCY	SAMPLING TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS		
Mercury, Total (71900)	Sample Measurement	***	***	***	***	***	***	ug/L		
	Permit Requirement	***	***		***	***	Monitor & Report Daily Max		1/quarter	Grab
Facility Sampling Point Comments										



**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER
DISCHARGE MONITORING REPORT (DMR)**

ATTACHMENT DETAILS

File Name	Attachment Type	Uploaded Time	Attachment Comments
Q1 2022 Quarterly Daily Effluent Sheets.pdf	Daily Effluent Monitoring Form	2022-04-27T15:39:17-04:00	
March 2022 Cover Letter Signed.pdf	Cover Letter	2022-04-27T15:39:02-04:00	This cover letter captures both the March 2022 monthly DMR and the 1Q 2022 Quarterly DMR

PERMIT VIOLATIONS

Non-Compliance ID	Event Start Date	Event End Date	Parameter	Limit Type	Reported Value	Permit Limit	Unit	Sampling Point	Cause Of Non-Compliance	Corrective Action	Comments
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UNAUTHORIZED DISCHARGES

Non-Compliance ID	Event Start Date	Event End Date	Date and Time Discovered	Substance Discharged	Event Location	Volume (gal)	Duration (hrs)	Receiving Waters	Impact On Waters	Cause Of Discharge	Date and Time DEP Notified Orally	Comments
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OTHER PERMIT VIOLATIONS

Non-Compliance ID	Non-Compliance Type	Sampling Point	Parameter	Reported Value	Permit Limit	Comments
-------------------	---------------------	----------------	-----------	----------------	--------------	----------

COMMENT DETAILS

Comments	Operator Name	Operator Certification Number	Operator Contact Number
----------	---------------	-------------------------------	-------------------------

SUBMISSION INFORMATION

SUBMITTED BY GREENPORT USER	<p>*Pursuant to the Pennsylvania Electronic Transactions Act - Act 69, effective January 15, 2002, you are about to engage in an electronic transaction with the Commonwealth of Pennsylvania. You are submitting official information. You certify under penalty of law that this document and all attachments were prepared under your direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on your inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of your knowledge and belief, true, accurate and complete. You are aware that any false statement may be subject to substantial civil and criminal penalties, including 18 P.S. section 4904 (relating to unsworn falsification to authorities).</p>	Matthew Enos	TELEPHONE		DATE		
enosmj			(724)	682-7773	2022	04	28
		SUBMITTED BY FULL NAME	AREA CODE	NUMBER	YEAR	MO	DAY

ENCLOSURE F



3800-FM-BCW0435 3/2012

Month: 1 (select number) Year: 2022
 Permit No.: _____ Outfall: 004
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

[illegible]

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 P.S. C.S. § 4904 (relating to unlawful falsification).

License No.: _____
Date: **2/7/2022**



3800-FM-BCW0435 3/2012

Month: 2 (select number) Year: 2022
 Permit No.: _____ Outfall: 004
 Renewal application due 180 days prior to expiration.
 This permit will expire on: October 31, 2026

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unlawful falsification).

License No.: _____
Date: **3/14/2022**

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3800-FM-BCW0435 3/2012

Facility Name: Beaver Valley Power Station Month: 3 (select number) Year: 2022
Municipality: Shippingport Borough County: Beaver Permit No.: 004
Watershed: 20-B Renewal application due 180 days prior to expiration.
Laboratories: TestAmerica, BVPS Lab This permit will expire on: October 31, 2026

Parameter			Flow	pH	TRC	Free Available Chlorine	Temperature	Total Aluminum	Total Chromium	Total Copper	Total Mercury	Total Zinc						
Week	Day	Stage	1	1	1	1	1	1	1	1	1	1						
			MGD	Q	S.U.	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q	mg/L	Q
1	Sun	2/27/22																
	Mon	2/28/22																
	Tue	3/1/22	0.0															
	Wed	3/2/22																
	Thu	3/3/22																
	Fri	3/4/22																
	Sat	3/5/22	0.0															
2	Sun	3/6/22																
	Mon	3/7/22	0.0															
	Tue	3/8/22																
	Wed	3/9/22																
	Thu	3/10/22																
	Fri	3/11/22																
	Sat	3/12/22																
3	Sun	3/13/22																
	Mon	3/14/22	0.0															
	Tue	3/15/22																
	Wed	3/16/22																
	Thu	3/17/22																
	Fri	3/18/22																
	Sat	3/19/22																
4	Sun	3/20/22																
	Mon	3/21/22	0.0															
	Tue	3/22/22																
	Wed	3/23/22																
	Thu	3/24/22																
	Fri	3/25/22																
	Sat	3/26/22																
5	Sun	3/27/22																
	Mon	3/28/22	0.0															
	Tue	3/29/22																
	Wed	3/30/22																
	Thu	3/31/22																
	Fri	4/1/22																
	Sat	4/2/22																
Statistics for CMR																		
Daily Minimum (Conc.):																		
Daily Maximum (Conc.):																		
Max Avg Weekly (Conc.):																		
Avg Monthly (Conc.):																		
Geometric Mean (Conc.):																		
Max Avg Weekly (Load):																		
Avg Monthly (Load):																		
Total Monthly (Load):																		
Daily Minimum (Load):			0															
Daily Maximum (Load):			0															

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Prepared By: James Harvey License No.: _____
Title: Senior Nuclear Specialist Date: 4/4/2022

ENCLOSURE G



COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF CLEAN WATER

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGES OF STORMWATER ASSOCIATED WITH INDUSTRIAL ACTIVITY
ANNUAL REPORT**

FOR THE PERIOD JANUARY 1, 2021 TO DECEMBER 31, 2021

GENERAL INFORMATION

Permittee Name: Beaver Valley Power Station Permit No.: PA0025615
Permittee Address: Rt. 168 Permit Issuance Date: Sep. 30, 2021
Permittee City, State, Zip: Shippingport, PA 15077 Permittee Phone: 724-682-7773
Has the permittee's PPC Plan been reviewed and if necessary updated during the reporting period? ☒ Yes ☐ No
Has employee training been provided during the reporting period? ☒ Yes ☐ No Date: _____

INSPECTION INFORMATION

1. Document all visual inspections conducted by the permittee during the reporting period below.

Inspection No.	Inspection Date	Inspector Name	Inspector Title	Stormwater Discharge During Inspection?
1	4/19/21	Amy Savage / James Harvey	Senior Nuclear Specialist	<input type="checkbox"/>
2	5/4/21	Amy Savage	Senior Nuclear Specialist	<input type="checkbox"/>
3	5/17/21	Amy Savage	Senior Nuclear Specialist	<input type="checkbox"/>
4	6/24/21	Amy Savage	Senior Nuclear Specialist	<input type="checkbox"/>
5	10/31/21	Amy Savage	Senior Nuclear Specialist	<input checked="" type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>
				<input type="checkbox"/>

2. Check the appropriate boxes to indicate areas, activities and practices evaluated during the inspections:

- ☒ Areas where industrial materials or activities are exposed to stormwater.
- ☒ Areas identified in the PPC Plan as potential pollutant sources.
- ☒ Areas where spills or leaks have occurred in the past three years.
- ☒ Stormwater outfalls and locations where authorized non-stormwater discharges may commingle.
- ☒ Physical BMPs used to comply with this permit.

3. For each inspection, answer the following questions concerning inspection results (check box if answer is "Yes").

Inspection No.	Were raw materials, products or wastes observed that may have or could come into contact with stormwater?	Were leaks or spills from equipment, drums, tanks or other containers observed?	Was off-site tracking of industrial or waste materials or sediment where vehicles enter or exit the site observed?	Was tracking or blowing of raw, final or waste materials from exposed areas to areas of no exposure observed?	Were control measures or BMPs needing replacement, maintenance or repair observed?	Was the presence of authorized non-stormwater discharges not identified in the NOI or unauthorized non-stormwater discharges observed?
1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 1.	<input type="checkbox"/>
2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 2.	<input type="checkbox"/>
3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> 3.	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. For any boxes checked above (i.e., for any "Yes" responses), indicate the corrective measures taken or are planned by the permittee.

1. Vegetation and debris in stormwater conveyance. Witches hats need removed / replaced. Plant maintenance services corrected.
2. Vegetation and debris in stormwater conveyance to 008, 003. Straw bales need replaced. Condition report initiated and plant maintenance services corrected.
3. Vegetation and debris in stormwater conveyance to 008, 016, and 019. Sediment accumulation needs removed Straw bales need replaced. Condition report initiated and plant maintenance services corrected

5. Were all BMPs required by Part C and the applicable Appendix implemented by the permittee during the reporting period? ☐ Yes ☒ No

If No, identify which BMPs were not implemented and efforts being undertaken to begin or resume implementation.

1. Carports for municipal waste dumpsters have been purchased and will be installed in May 2022. New covered scrap metal dumpsters have been purchased and installed.
2. Cleanup at several equipment laydown areas is 95% complete, expect complete May of 2022.

STORMWATER OUTFALL INFORMATION

1. List all stormwater outfalls at the permitted site and provide the information requested below (see instructions). Use additional pages as necessary.

Outfall No.	No Exp.?	Non-SW?	Sampling?	Rep. Outfall	DA (sf)	% Imp.	Description of Materials/Activities in Drainage Area Exposed to Precipitation	Description of BMPs in Drainage Area to Control Pollutants in Stormwater
003	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		495,225	95%	Paved plant yard area, mobile equipment, several transformers	Inspections and maintenance as needed
008	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		40,257	50%	Area surrounding U1 cooling tower, several chemical tanks, paved and unpaved roads	Straw bales and maintenance as needed
011	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		315,667	95%	Paved plant yard area, mobile equipment, several transformers, 2 Oil Water Separators	Containments for oil filled equipment, additional BMPs as needed.
012	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		47,235	90%	Emergency Response Facility parking lot and HVAC blowdown	Containments for oil filled equipment, additional BMPs as needed
013	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		134,830	95%	Paved plant yard area, mobile equipment, several transformers, 1 Oil Water Separator, Unit 2 cooling tower chemical tanks	Containments for oil filled equipment, additional BMPs as needed. Maintenance as needed.
014	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		212,352	80%	Paved plant yard area, mobile equipment, Diesel USTs	Containments for oil filled equipment, additional BMPs as needed. Maintenance as needed.
015	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		58,008	80%	Vehicle entrance road, scaffold storage and laydown	Containments for oil filled equipment, additional BMPs as needed. Maintenance as needed.
016	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		67,223	80%	Vehicle entrance road, mobile equipment	Containments for oil filled equipment, additional BMPs as needed. Maintenance as needed.
017	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		31,490	50%	Security entrance, Vehicle inspection facility, parking lot	Containments for oil filled equipment, additional BMPs as needed. Maintenance as needed.
019	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>		1,796,000	20%	Equipment / material laydown area, Unit 2 cooling tower chemical tanks, Emergency outfall chemical tanks, Electrical substation. Hillside drainage	Inspections and maintenance as needed

2. Do any of the outfalls identified above discharge to municipal separate storm sewer system (MS4)? ☐ Yes ☒ No

Name of MS4 owner/operator:

Outfalls discharging to MS4:

3. Have any changes occurred during the calendar year reporting period compared to the previous calendar year? ☐ Yes ☒ No

If Yes, describe the changes:

STORMWATER SAMPLING EVENT INFORMATION

1. For each stormwater sampling event conducted during the reporting period, provide the information in the table below.

Outfall No. Sampled	Sample Date	Duration of Storm Event (hrs)	Sample Collected within First 30 Minutes?	Precipitation Amount (in)	Duration Between Storm Event Sampled and Previous Measurable Storm Event (hrs)	Were Results Reported on DMR?	Were Benchmark Value(s) in Permit Exceeded?	Parameter(s) Exceeding Benchmark Value(s)
003	10/16/21	48	<input type="checkbox"/>	0.68	120	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
003	7/16/21		<input type="checkbox"/>	0.20	48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
003	4/29/21	N/A	<input type="checkbox"/>	1.0	72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
003	2/22/21	N/A	<input type="checkbox"/>	0.10	144	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
008	10/23/21	48	<input type="checkbox"/>	0.13	96	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
008	10/7/21		<input type="checkbox"/>	0.10	336	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
008	7/16/21		<input type="checkbox"/>	0.20	48	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
008	4/29/21	N/A	<input type="checkbox"/>	1.0	72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
008	2/22/21	N/A	<input type="checkbox"/>	0.10	144	<input checked="" type="checkbox"/>	<input type="checkbox"/>	N/A
011	10/29/21		<input type="checkbox"/>	0.66	72	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Iron
012	10/23/21	48	<input type="checkbox"/>	0.13	96	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
013	10/29/21	48	<input type="checkbox"/>	0.66	72	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	O&G
014	10/29/21	48	<input type="checkbox"/>	0.66	72	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Iron
015	10/29/21	48	<input type="checkbox"/>	0.66	72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
016	10/29/21	48	<input type="checkbox"/>	0.66	72	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
017	10/29/21	48	<input type="checkbox"/>	0.66	72	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	TSS
019	10/23/21	48	<input type="checkbox"/>	0.13	96	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>			<input type="checkbox"/>	<input type="checkbox"/>	

2. Was the need to develop and submit a corrective action plan triggered during the reporting period? ☐ Yes ☒ No

If Yes, date of corrective action plan submission:

Date by which corrective measures will be in place:

3. If samples were not collected within the first 30 minutes for any stormwater sampling event, provide an explanation below as to why this could not be done.

Plant logistics and personnel scheduling do not always permit sampling to take place within the first 30 minutes of a rain event. The number of samples, distance between sample points, and staffing availability challenge the plants ability to collect all the required samples in a 30 minute period.

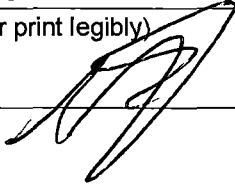
CERTIFICATION

I certify under penalty of law that this report was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Matthew J Enos

Name (type or print legibly)

Signature



General Plant Manager

Official Title

Date Signed

4/27/2022