

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT

Form Approved  
OMB NO. 156-R0073

Pennsylvania Power & Light Company  
Susquehanna Steam Electric Station  
P. O. Box 467  
Berwick, PA 18603

Salem Township | Page 1 of 2  
Luzerne County

Sewage Treatment Plant

INSTRUCTIONS

1. Provide dates for period covered by this report in spaces marked "REPORTING PERIOD".
2. Enter reported minimum, average and maximum values under "QUANTITY" and "CONCENTRATION" in the units specified for each parameter as appropriate. Do not enter values in boxes containing asterisks. "AVERAGE" is average computed over actual time discharge is operating. "MAXIMUM" and "MINIMUM" are extreme values observed during the reporting period.
3. Specify the number of analyzed samples that exceed the maximum (and/or minimum as appropriate) permit conditions in the columns labeled "No. Ex." If none, enter "0".
4. Specify frequency of analysis for each parameter as No. analyses/No. days (e.g., "3/7" is equivalent to 3 analyses performed every 7 days.) If continuous enter "CONT."
5. Specify sample type ("grab" or "8 hr. composite") as applicable. If frequency was continuous, enter "NA".
6. Appropriate signature is required on bottom of this form.

PA ST	0027448 PERMIT NUMBER	079 DIS	4952 SIC	41°05'23" LATITUDE	76°08'16" LONGITUDE
REPORTING PERIOD FROM		TO			
8   4   1   0   0   1 YEAR MO DAY		8   4   1   0   3   1 YEAR MO DAY			

PARAMETER		QUANTITY				UNITS	CONCENTRATION				FREQUENCY OF ANALYSIS	SAMPLE TYPE
		MINIMUM	AVERAGE	MAXIMUM	NO EX		MINIMUM	AVERAGE	MAXIMUM	UNITS		
Flow	REPORTED	0.0057	0.026	0.054	-	****	****	****	-	Daily	Weir Rate	
	PERMIT CONDITION	N.A.	0.045	N.A.	-	****	****	****	-	Daily	Pump or Weir Rate	
BOD(5 day)	REPORTED	**	3.31	**	-	**	25	---	-	1/Month	8 hr. Composite	
	PERMIT CONDITION	N.A.	11.3	N.A.	-	N.A.	30	N.A.	Mg/l	1/Month	8 hr. Composite	
T.S.S.	REPORTED	**	2.11	**	-	**	16	---	-	1/Month	8 hr. Composite	
	PERMIT CONDITION	N.A.	11.3	N.A.	-	N.A.	30	N.A.	Mg/l	1/Month	8 hr. Composite	
Fecal Coliform 10/1 thru 4/30	REPORTED	****	****	****	-	**	2,300	**	No./	1/Month	Grab	
	PERMIT CONDITION	****	****	****	-	N.A.	2,000/100ml	N.A.	100ml	1/Month	Grab	
Fecal Coliform 5/1 thru 9/30	REPORTED	****	****	****	-	**	**	**	No./	**	**	
	PERMIT CONDITION	****	****	****	-	N.A.	200/100ml	1,000/100ml	No./100ml	1/Month	Grab	
pH	REPORTED	****	****	****	-	5.70	7.00	7.45	Std.	3 Daily	Grab	
	PERMIT CONDITION	****	****	****	-	6.0	N.A.	9.0	Units	Daily	Grab	
Chlorine Residual	REPORTED	****	****	****	-	0.05	0.57	3.7	-	Daily	Grab	
	PERMIT CONDITION	****	****	****	-	N.A.	N.A.	N.A.	Mg/l	Daily	Grab	
Percent Removal BOD <sub>5</sub>	REPORTED	---	91.5	---	-	****	****	****	-	1/Month	8 hr. Composite	
	PERMIT CONDITION	N.A.	85	N.A.	-	****	****	****	-	1/Month	8 hr. Composite	

NAME OF PRINCIPAL EXECUTIVE OFFICER  
Kauffman, John

TITLE OF THE OFFICER  
Exec. V.P.-Operations

DATE  
8/1/11

8412060106 841031  
PDR ADDCK 05000387  
R PDR

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*[Signature]*

Form Approved  
OMB NO. 156-0007

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1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99																											
PA	0027448	079	4952	41°05'23"	76°08'16"																															
ST	PERMIT NUMBER	DIS	SIC	LATITUDE	LONGITUDE																															
REPORTING PERIOD FROM																																				
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YEAR	MO	DAY																																		

PARAMETER		(3 card only)						(4 card only) Instantaneous						FREQUENCY OF ANALYSIS	SAMPLE TYPE
		QUANTITY			UNITS	CONCENTRATION			UNITS						
		(0-99) MINIMUM	(00-99) AVERAGE	(00-99) MAXIMUM		(0-99) NO EX	(00-99) MINIMUM	(00-99) AVERAGE		(00-99) MAXIMUM	(0-99) NO EX				
Percent Removal Total Suspended Solids	REPORTED	----	96.5	-----	% <sub>TSS</sub>	-	★★★★	★★★★	★★★★	-----	-	1/Month	8 hr. Composite		
	PERMIT CONDITION	N.A.	85	N.A.		[X]	★★★★	★★★★	★★★★		[X]	1/Month	8 hr. Composite		
	REPORTED					[X]					[X]				
	PERMIT CONDITION					[X]					[X]				
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	REPORTED					[X]					[X]				
	PERMIT CONDITION					[X]					[X]				



# Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

November 27, 1984

Mr. Paul Koval  
Chief Operations Section  
Bureau of Water Quality Management  
Pennsylvania Department of Environmental Resources  
P. O. Box 659  
90 East Union Street, Second Floor  
Wilkes-Barre, PA 18702

SUSQUEHANNA STEAM ELECTRIC STATION  
DISCHARGE MONITORING REPORT  
NPDES PERMIT NO PA. 0027448  
CCN 741326 FILE 012-4  
PLE- 6341

Dear Mr. Koval:

Please find the October 1984 NPDES Discharge Monitoring Report for Permit No. PA 0027448. Noncompliances for October were as follows.

1. The average fecal coliform concentration limit of 2000 colonies/100 ml was exceeded on October 3, when 2300 were present in the effluent. No other samples were collected during the month.
2. The final effluent pH was below 6.0 on October 23 (5.86), October 24 (5.70), and October 25 (5.96). The cause was over-aeration of the beds and the pH returned to normal after the aeration rate was reduced.

Aeration tank number three was removed from service for sandblasting, painting and replacement of some pipes and valves on October 8, 1984, and was returned to service on November 15, 1984. Tank number three being out of service may also have contributed to these noncompliances.

If you have any questions, please contact me at (215) 770-7889.

Respectfully yours,

Jerome S. Fields  
Senior Environmental Scientist-Nuclear

JSF/dml

jsfltk0021860

cc: EPA, Region III  
A. Schwencer NRC

IE25  
1/1