

NAME **GEN. MGR. - ENV AFF**
 ADDRESS **PSE&G**
P.O. BOX 570 10C
NEWARK NJ 07101
 FACILITY **SALEM GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK**

(2-16) **NJ0005622** I (17-19) **481**
 PERMIT NUMBER DISCHARGE NUMBER

GP AT MI
17 7 I

MONITORING PERIOD
 FROM 83 01 01 TO 83 01 31
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

DELAWARE RIVER
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (46-51)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		1.30	1.90	2.20		DEG. C	* CONT NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT *
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		1.30	1.90	2.20	0	DEG. C	CONT NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT *
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	0.00	0.20	0	DEG. C	CONT NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			* *
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *						SU	2/7 GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7 GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *					*	SU	2/7 GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7 GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		0.00	69.00	266.40		MGD	* CALC NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT *
50064 1 CHLORINE, FREE RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY		N/A	N/A		MG/L	- CALC GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50			CONT *

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	<i>L. K. Miller</i>	TELEPHONE		DATE		
L. K. MILLER			609 935-6000	83	02	17	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DIS 481 IS #11 CONDENSER COOLING WATER. NOT MORE THAN 3 CONDENSERS MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MIN. EACH TIME. NO SAMPLES TAKEN DUE TO UNIT OUTAGE.

8303040634 830210
 PDR ADOCK 05000272
 R PDR

NAME GEN. MGR. - ENV. AFF.
 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

NJ0005622 PERMIT NUMBER
 87A DISCHARGE NUMBER

MONITORING PERIOD							
FROM	83	01	01	TO	83	01	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

GP. AT MI
 DELAWARE RIVER 17 7 1

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (34-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				UNITS
00056 1 FLOW RATE (GALLONS PER DAY) EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	20180.00	27630.00		*	20/31	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	GPD	*		NA
00310 1 BOD, 5-DAY, EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	2.98		*****	39.00	70.00		3	4/31	GR
	PERMIT REQUIREMENT	*****	0.97	KG/DAY	*****	30.00	45.00	MG/L		1/30	GR
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	8.50	10.10		0	3/31	24
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00	MG/L		1/30	24
74055 1 COLIFORM-FECAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	1050.00	4100.00		2	4/31	GR
	PERMIT REQUIREMENT	*****	*****		*****	200.00	400.00	N/100ML		1/30	GR
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****		14.00		0	20/31	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	43.30	DEG.C		1/30	GR
00400 1 pH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.82	7.34	7.86		0	20/31	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		1/30	GR
00556 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	2.50		0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00	MG/L		1/30	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER L. K. MILLER TYPED OR PRINTED	THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOWINGLY MAKING A FALSE CERTIFICATION ON THIS REPORT OR SUPPORTING DOCUMENTS OR INTENTIONALLY TAMPERING WITH ANY MONITORING DEVICE OR METHOD ARE CRIMINAL OFFENSES. SEE 18 U.S.C. § 1001 AND 33 U.S.C. §1319. (Penalties under these statutes may be fines up to \$10,000 and for maximum imprisonment of between 6 months and 5 years.)	<i>L. K. Miller</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			609 935-6000	AREA CODE	NUMBER	YEAR	MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DIS 87A IS DISCHARGE 487A. MONITORED PRIOR TO COMB WITH DISCHARGE 487. THIS DISCHARGE IS FOR THE NEW (ROTATING BIOLOGICAL CONTACTOR) SEWAGE TREATMENT PLANT PRIOR TO COMBINING WITH THE OLD (EXTENDED AERATION) SEWAGE TREATMENT PLANT. BOD - FECAL COLIFORM - See Attachments

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 ADDRESS PSE&G
 P.O. BOX 570 10C
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

(2-16) NJ0005622 PERMIT NUMBER
 (17-19) 489 DISCHARGE NUMBER

GP. AT MI
 17 7 1

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
83	01	01	83	01	31
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DELAWARE RIVER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			(5-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS		***	***		***	53.00	53.00		1	1/30	GR		
		PERMIT REQUIREMENT	***	***	***	30.00	100.00	MG/L		1/30	GR		
00556 1 OIL AND GREASE EFFLUENT GROSS		***	***		***	***	4.00		0	1/30	GR		
		PERMIT REQUIREMENT	***	***	***	***	10.00	MG/L		1/30	GR		
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS		***	***		***	***	1.00		*	1/30	GR		
		PERMIT REQUIREMENT	***	***	***	***	***	MG/L		1/30	GR		
50050 1 FLOW EFFLUENT GROSS		***	***		***	0.02	***		*	EST	NA		
		PERMIT REQUIREMENT	***	***	***	***	***	MGD		1/30	NA		
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS		***	***		***	***	21.00		0	1/30	GR		
		PERMIT REQUIREMENT	***	***	***	***	43.30	DEG.C.		1/30	GR		
00400 1 PH EFFLUENT GROSS		***	***		6.70	6.70	6.70		0	1/30	GR		
		PERMIT REQUIREMENT	***	***	6.00	***	9.00	SU		1/30	GR		
		SAMPLE MEASUREMENT											
		PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 L. K. MILLER
 TYPED OR PRINTED

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L. K. Miller
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 935-6000
 DATE 83 02 17
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

TSS - See Attachment