

PERMITTEE NAME/ADDRESS
 (Include
 Facility Name/ Location (if different))

NAME GEN MGR-ENV AFF
 ADDRESS P.S.E. & G.
 80 PARK PLACE-ROOM 8317
 NEWARK NJ 07101
 FACILITY SALEM GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622 I 481
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved
 OMB No. 158-R0073

GP AT M
 17 2

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
 82 05 01 82 05 31

DELAWARE RIVER
 COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53)			(4 Card Only) (38-45)			QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		14.20	18.80	24.90	DEG.C		CONT	NA		
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*		
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		22.70	29.80	36.90	DEG.C	0	CONT	NA		
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*		
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		5.40	11.00	17.50	DEG C	1	CONT	NA		
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*		
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.06	7.20		0	2/7	GR		
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU		2/7	GR		
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.04	7.20			2/7	GR		
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	SU		2/7	GR		
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *		299.70	499.90	532.80			CALC	NA		
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MGD		CONT	*		
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0.05	0.15	0.40		0	CALC	GR		
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50	MG/L		CONT	*		

8207070430 820625
 PDR ADDCK 05000272

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 16 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.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>L.K. Miller</i>	TELEPHONE		DATE		
			609 365-7000	82 06 25			
			AREA CODE	NUMBER	YEAR	MO	DAY

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

DIS 481 IS CONDENSER COOLING WATER. WHEN INTK PH LESS THAN 6.0, DIS PH NOT TO BE LESS. WHEN INTK PH GREATER THAN 9.0, DIS PH NOT TO EXCD INTK NOT MORE THAN 3 CONDENS MAY DIS FREE CL AT ANY TIME, OR MORE THAN 30 MIN

Effluent Temperature Differential-Less than the design number of Circulators in service.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622
PERMIT NUMBER

481
DISCHARGE NUMBER

Form Approved
OMB No. 158-R0073

GP. AT MI
17 2 1

MONITORING PERIOD						
82	05	01	TO	82	05	31
YEAR	MO	DAY		YEAR	MO	DAY
(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)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	336.00	336.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	252.00	252.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	84.00	84.00	1	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT L. K. Miller	TELEPHONE		DATE		
			609	365-7000	82	06	25
			AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location (if different)

NAME GEN MGR ENV AFF

ADDRESS P.S.E. & G.

80 PARK PLACE-ROOM 8317

NEWARK NJ 07101

FACILITY SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622

PERMIT NUMBER

I

482

DISCHARGE NUMBER

For Approved
On No. 158-R0073

GP AT M
17 2 1

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	82	05	01		82	05	31
	(28-31)	(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) (44-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-43) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		14.30	19.30	25.80	DEG.C		CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		26.60	32.10	37.80	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		7.50	12.70	17.60	DEG C	1	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *		7.00	7.10	7.20	SU	0	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00			2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.04	7.20	SU		2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *		88.80	255.30	266.40	MGD		CALC	i
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0.05	0.13	0.40	MG/L	0	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.)					TELEPHONE		DATE		
L. K. Miller							609 365-7000		82 06 25		
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE		NUMBER		

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

DISC 482 IS COND COOLING WATER. INTK PH LESS 6.0 DIS PH NOT LESS. INTK PH GRTR 9.0, DIS PH NOT GRTR. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREE CL AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

Effluent temperature differential - see coversheet

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

PERMIT NUMBER

(17-19)

482

DISCHARGE NUMBER

GP. AT MI

17 2 1

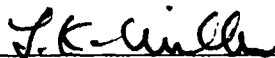
MONITORING PERIOD

FROM	82	05	01	TO	82	05	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(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 (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				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	SAMPLE MEASUREMENT	*****	*****		*****	264.00	264.00	MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	252.00	252.00	MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	12.00	12.00	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00			1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.00	MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.00	MG/L		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****			1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00			1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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. 5 1001 AND 33 U.S.C. 51319. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
L. K. Miller			609	365-7000	82	06	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME GEN. AGR. ENV. AFF.
ADDRESS P.S.E. & G.
80 PARK PLACE-ROOM 8317
NEWARK NJ 07101
FACILITY SALEM GENERATING STATION
LOCATION LOWER ALLOWAYS CREEK

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622 I 483
PERMIT NUMBER DISCHARGE NUMBER

Approved
OMB No. 158-R0073

GP AT M1
17 2 1

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	31
(26-31)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DELAWARE RIVER
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (44-53)			(4 Card Only) (38-43)				NO. EX (42-43)	FREQUENCY OF ANALYSIS (44-48)	SAMPLE TYPE (49-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		14.40	19.60	23.80	DEG. C		CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		26.20	31.10	39.20	DEG. C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		6.50	11.50	19.10	DEG. C	1	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.06	7.20		0	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU		2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.04	7.20			2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	SU		2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *		233.10	430.40	532.80			CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MGD		CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0.10	0.17	0.30		0	CALC	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50	MG/L		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. § 1310. (Penalties under these statutes may be fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
L. K. Miller TYPED OR PRINTED			609	365-7000	82	06	25
			AREA CODE	NUMBER	YEAR	MO	DAY

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

DISCH 483 IS COND COOLING WATER. INTAKE PH LESS 6.0 DIS PH NOT LESS. INTPH 6RTR 9.0 DIS PH NOT 6RTR. NOT MORE THAN 3 COND MAY DIS TOTAL OR FREECL AT ANY TIME & NOT MORE THAN 30 MIN EACH TIME

Effluent Temperature Differential - see coversheet.

Facility Name/Location (if different)

NAME • GEN. MGR. - ENV APT

ADDRESS PSE&G

P.O. BOX 570 10C

NEWARK NJ 07101

FACILITY SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622

483

PERMIT NUMBER

DISCHARGE NUMBER

ON No. 158 - R0073

GP. AT MI

17 2 1

MONITORING PERIOD

FROM	82	05	01	TO	82	05	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(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)		(3 Card Only) (46-53) QUANTITY OR LOADING (34-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (34-61)			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	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	324.00	324.00		1/30	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR	
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	252.00	252.00		1/30	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR	
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	72.00	72.00	1	1/30	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00		1/30	GR	
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *		5.00		1/30	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR	
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *		5.00		1/30	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR	
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *		0.00		1/30	GR	
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	10.00		1/30	GR	
	SAMPLE MEASUREMENT							0			
	PERMIT REQUIREMENT										
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.)			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
L. K. Miller							609 365-7000		82 06 25		
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

TSS - see coversheet.

PERMITTEE NAME/ADDRESS (Include
Activity Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 158-R0073

NAME GEN MGR-ENV-AFF
ADDRESS P.S.E. & G.
80 PARK PLACE-ROOM 8317
NEWARK NJ 07101
FACILITY SALEM GENERATING STATION
LOCATION LOWER ALLOWAYS CREEK

(2-16)

(17-19)

NJ0005622

I

484

PERMIT NUMBER

DISCHARGE NUMBER

GP AT MI
17 2 1

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	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)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT		*****	*****		14.60	20.00	24.30	DEG.C		CONT	NA	
		*****	*****		*****	*****	*****			CONT	*	
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS		*****	*****		26.10	31.30	38.30	DEG.C	0	CONT	NA	
		*****	*****		*****	*****	46.00			CONT	*	
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET		*****	*****		9.60	11.40	20.00	DEG C	1	CONT	NA	
		*****	*****		*****	*****	15.30			*	*	
00400 1 PH		*****	*****		6.90	7.07	7.20	SU	0	2/7	GR	
		*****	*****		6.00	*****	9.00			2/7	GR	
00400 2 PH		*****	*****		6.90	7.07	7.20	SU		2/7	GR	
		*****	*****		*****	*****	*****			2/7	GR	
50050 1 FLOW		*****	*****		277.50	489.10	532.80	MGD		CALC	NA	
		*****	*****		*****	*****	*****			CONT	*	
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS		*****	*****	KG/DAY	0.05	0.14	0.30	MG/L	0	CALC	GR	
		*****	*****		*****	0.20	0.50			CONT	NA	
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.)				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE		
L. K. Miller						609 365-7000		82 06 25				
TYPED OR PRINTED		AREA CODE		NUMBER		YEAR		MO		DAY		

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

DIS 484 IS CONDENSER COOLING WATER. INTK PH LESS 6.0, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MORE THAN 3 CONDENSORS MAY DISCH TOT. R FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME
Effluent Temperature Differential - See Cover Sheet

MITTEE NAME/ADDRESS (Include
City Name/Location if different)

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) NJ0005622 PERMIT NUMBER
(17-19) 484 DISCHARGE NUMBER

Form Approved
OMB No. 158-R0073

GP. AT MI
17 2 1

MONITORING PERIOD
FROM 82 05 01 TO 82 05 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
YEAR MO DAY YEAR MO DAY

DELAWARE RIVER
COOLING WATER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	316.00	316.00			1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***	MG/L		1/30	GR
530 B SOLIDS, TOTAL SUSPENDED DREAM INTAKE	SAMPLE MEASUREMENT	***	***		***	252.00	252.00			1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***	MG/L		1/30	GR
530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***	64.00	64.00		1	1/30	GR
	PERMIT REQUIREMENT	***	***		***	30.00	100.00	MG/L		1/30	GR
550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	5.00			1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***	MG/L		1/30	GR
550 B OIL AND GREASE DREAM INTAKE	SAMPLE MEASUREMENT	***	***		***	***	5.00			1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***	MG/L		1/30	GR
550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	***	***		***	***	0.00		0	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	10.00	MG/L		1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>L. K. Miller</i>	TELEPHONE		DATE		
			609	365-7000	82	06	25
			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Daily Max. (mg/l) 0.136
Monthly Aver. (mg/l) 0.120

TSS - See Cover Sheet

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)**

Form Approved
OMB No. 158-R0073

GP AT MI
17 2

PERMITTEE NAME/ADDRESS (Include
Facility Name/ Location if different)
NAME **GEN MGR-ENV AFF**
ADDRESS **P.S.E. & G.**
80 PARK PLACE-ROOM 8317
NEWARK NJ 07101
FACILITY **SALEM GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK**

(2-16) (17-19)
NJ0005622 I **485**
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	YEAR	MO	DAY
82	05	01	82	05	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)		(3 Card Only) (44-53)			(4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00010 2 TEMPERATURE, WATER DEG. CENTIGRADE INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		14.40	20.20	26.10	DEG.C		CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *			CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		26.30	31.60	39.40	DEG.C	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00			CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		5.10	11.40	21.90	DEG C	1	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30			*	*
00400 1 PH	SAMPLE MEASUREMENT	* * * *	* * * *		7.00	7.08	7.20		0	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00	SU		2/7	GR
00400 2 PH	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.04	7.20			2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	SU		2/7	GR
50050 1 FLOW	SAMPLE MEASUREMENT	* * * *	* * * *		233.10	395.30	532.80			CALC	N
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *	MGD		CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		0.05	0.13	0.40		0	CALC	GR
	PERMIT REQUIREMENT	* * * *	* * * *	KG/DAY	* * * *	0.20	0.50	MG/L		CONT	NA

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 16 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.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
TYPED OR PRINTED L. K. Miller			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 DIS 485 IS CONDENSER COOLING WATER. INTK PH LESS 6.0, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MORE THAN 3 CONDENSORS MAY DIS TOT. OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME
 Effluent Temperature Differential - See Cover Sheet

Facility Name/Location (if different)

NAME GEN. MGR. - ENV AFF

ADDRESS PSE&G

P.O. BOX 570 10C

NEWARK NJ 07101

FACILITY SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622

485

PERMIT NUMBER

DISCHARGE NUMBER

B No. 158 - R0073

GP. AT MI
17 2 1

MONITORING PERIOD

FROM	82	05	01	TO	82	05	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(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)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	324.00	324.00		1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR
00530 B SOLIDS, TOTAL SUSPENDED STREAM INTAKE	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	252.00	252.00		1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR
00530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	72.00	72.00	1	1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	5.00		1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR
00550 B OIL AND GREASE STREAM INTAKE	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	5.00		1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		1/30	GR
00550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		* * * *	* * * *	0.00	0	1/30	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	10.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

L. K. Miller

TYPED OR PRINTED

THIS DOCUMENT IS SIGNED WITH RECOGNITION THAT KNOW-
INGLY 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. (Penal-
ties under these statutes may be fines up to \$10,000 and/or maximum
imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 365-7000

AREA
CODE

NUMBER

82 06 25

YEAR MO DAY

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

Daily Max. (mg/l) Monthly Aver. (mg/l)

SC-22 0.136 0.120

BD-5

TSS - See Cover Sheet

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
EPA No. 158-R-0073

NAME GEN MGR ENV AFF
ADDRESS P.S.E. & G.
80 PARK PLACE-ROOM 8317
NEWARK NJ 07101
FACILITY SALEM GENERATING STATION
LOCATION LOWER ALLOWAYS CREEK

(2-16) NJ0005622 (17-19) 486
PERMIT NUMBER DISCHARGE NUMBER
MONITORING PERIOD
YEAR MO DAY YEAR MO DAY
FROM 82 05 01 TO 82 05 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)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			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	* * * *	* * * *		11.40	18.80	28.20		CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		CONT	*
00010 1 TEMPERATURE, WATER DEG. CENTIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		23.80	30.20	38.30	0	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	46.00		CONT	*
00016 4 TEMPERATURE DIFFERENCE EFFLUENT NET	SAMPLE MEASUREMENT	* * * *	* * * *		7.80	11.40	23.20	1	CONT	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	15.30		*	*
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		7.00	7.10	7.20	0	2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		6.00	* * * *	9.00		2/7	GR
00400 2 PH INFLUENT	SAMPLE MEASUREMENT	* * * *	* * * *		6.90	7.04	7.20		2/7	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		2/7	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *		310.80	494.10	532.80		CALC	NA
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	* * * *	* * * *		CONT	*
50060 1 CHLORINE, TOTAL RESIDUAL EFFLUENT GROSS	SAMPLE MEASUREMENT	* * * *	* * * *	KG/DAY	0.10	0.14	0.30	0	CALC	GR
	PERMIT REQUIREMENT	* * * *	* * * *		* * * *	0.20	0.50		CONT	NA

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.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
L. K. Miller			609	365-7000	82	06	25
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
DIS 486 IS CONDENSER COOLING WATER. INTK PH LESS 6.0, DIS PH NOT LESS. INTK PH GRT 9.0, DIS PH NOT GRT. NOT MORE THAN 3 CONDENSORS MAY DIS TOT. OR FREE CHLORINE AT ANY TIME, AND NOT MORE THAN 30 MINUTES EACH TIME

Effluent Temperature Differential - See Cover Sheet

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

(2-16) NJ0005622
PERMIT NUMBER

(17-19) 486
DISCHARGE NUMBER

MONITORING PERIOD

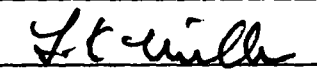
82	05	01	TO	82	05	31
YEAR	MO	DAY		YEAR	MO	DAY
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

GP. AT
17 2 1

DELAWARE RIVER
COOLING WATER

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
0530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	316.00	316.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
0530 B SOLIDS, TOTAL SUSPENDED DREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	252.00	252.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
0530 4 SOLIDS, TOTAL SUSPENDED EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	64.00	64.00	1	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	GR
0550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
0550 B OIL AND GREASE DREAM INTAKE	SAMPLE MEASUREMENT	*****	*****		*****	*****	5.00		1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
0550 4 OIL AND GREASE EFFLUENT NET	SAMPLE MEASUREMENT	*****	*****		*****	*****	0.00	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	10.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
L. K. Miller			609 365-7000	82	06	25	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

Daily Max. (mg/l) 0.136 Monthly Aver. (mg/l) 0.120

2-22 0.136 0.120

2-5

TSS - See Cover Sheet

NAME **GEN MGR-ENV-AFF**
 ADDRESS **P.O. Box 8317**
NEWARK NJ 07101
 FACILITY **SALEM GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK**

 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

(12-16) **NJ0005622** (17-19) **FAC**
 PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
82 05 01 82 05 31

DELAWARE RIVER

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (58-65) QUALITY OR CONCENTRATION (66-73)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-78)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00015 4 HEAT MILLIONS OF BTU'S PER HR NET EFFLUENT NET		SAMPLE MEASUREMENT * * * *	* * * *		10000.00	18369.60	23791.00	MBTUHR	1	CALC	NA
		PERMIT REQUIREMENT * * * *	* * * *		* * * *	* * * *	16300.00				
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									

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.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>L. K. Miller</i>	TELEPHONE	DATE			
L. K. Miller			609 365-7000	82 06 25			
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

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

TOTAL OF DISCH 481,482,483,484,485,486

 Effluent Net Heat Release - Due to two unit operation.
 Two units in service at 100% power most of the month.

Utility Name/Location If different

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

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622
 PERMIT NUMBER

48C
 DISCHARGE NUMBER

OMB No. 158-R0073

GP. AT MI
 17 2 1

MONITORING PERIOD

FROM 82 05 01 TO 82 05 31
 YEAR MO DAY YEAR MO DAY
 (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) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	128.64	128.64	KG/DAY	*****	81.50	81.50	MG/L	3	1/30	24
	PERMIT REQUIREMENT	27.80	185.00		*****	30.00	100.00		1/30	24	
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	MG/L	*****	*****	5.00	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	10.00	1/30		GR		
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	MG/L	*****	*****	5.90	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	1/30	GR				
01042 1 COPPER, TOTAL (AS CU) EFFLUENT GROSS	SAMPLE MEASUREMENT	0.02	0.02	KG/DAY	*****	0.01	0.01	MG/L	0	1/30	24
	PERMIT REQUIREMENT	*****	0.37		*****	0.20	1/30		24		
01045 1 IRON, TOTAL (AS FE) EFFLUENT GROSS	SAMPLE MEASUREMENT	1.25	1.25	KG/DAY	*****	0.79	0.79	MG/L	0	1/30	24
	PERMIT REQUIREMENT	1.85	1.85		*****	1.00	1.00		1/30	24	
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	MGD	*****	0.417	1.390	MGD		CONT	NA
	PERMIT REQUIREMENT	*****	*****		*****	1/30	*		*		
00610 1 AMMONIA (AS N) EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****	MG/L	*****	10.15	10.15	MG/L	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	35.00	1/30		GR		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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 INGLY 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. (Penal-
 ties under these statutes may be fines up to \$10,000 and/or maximum
 imprisonment of between 6 months and 3 years.)

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

TELEPHONE
 609 365-7000
 AREA CODE NUMBER
 DATE
 82 06 25
 YEAR MO DAY

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

TSS - See cover sheet.

DISCHARGE MONITORING REPORT (DMR)

OMB No. 198-R0073

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)

(17-19)

NJ0005622

87A

PERMIT NUMBER

DISCHARGE NUMBER

GP. AT MI
17 2 1

MONITORING PERIOD

FROM

82 05 01
YEAR MO DAY
(20-21) (22-23) (24-25)

TO

82 05 31
YEAR MO DAY
(26-27) (28-29) (30-31)

DELAWARE RIVER

NOTE: Read Instructions before completing this form.

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (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	*****	*****		*****	20100.00	27,500.00			CALC	24
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****	MPD		*	NA
00310 1 BOD, 5-DAY, 20 DEG. C. EFFLUENT GROSS	SAMPLE MEASUREMENT	2.59	2.59		*****	34.00	34.00		2	1/30	GR
	PERMIT REQUIREMENT	*****	0.97	KG/DAY	*****	30.00	45.00	MG/L		1/30	24
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	2.13	2.13		*****	28.00	28.00		0	1/30	24
	PERMIT REQUIREMENT	*****	*****	KG/DAY	*****	30.00	100.00	MG/L		1/30	24
74055 1 COLIFORM-FECAL EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	20.00	20.00		0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	200.00	400.00	N/100ML		1/30	GR
00010 1 TEMPERATURE, WATER DEG.CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	*****	21.00		0	CALC	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	43.30	DEG.C		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		7.10	7.19	7.40		0	23/30	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00	SU		1/30	GR
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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.)				TELEPHONE		DATE			
L. K. Miller						609 365-7000		82	06	25	
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 87A IS DISCHARGE 487A. AVERAGE VALUE IS 30 DAY DAILY AVE, MAX VAL IS 7 DAY DAILY AVE (TSS, BOD5). DISCHARGE MONITOR PRIOR TO COMB WITH DIS487. FLOW MEAS CONT FOR CONT DIS, 1/30 FOR INTERMITTENT DISCH. THIS DISCHARGE IS FOR THE OLD NEW SEWAGE TREATMENT PLANT.

BOD - System flow exceeds design capacity.

GEN. MGR. - ENV AFF

PSE&G

P.O. BOX 570 10C

NEWARK NJ 07101

SALEM GENERATING STATION

LOWER ALLOWAYS CREEK

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0005622

487

PERMIT NUMBER

DISCHARGE NUMBER

OMB No. 158 - R0073

GP. AT MI
17 2 1

MONITORING PERIOD

FROM	82	05	01	TO	82	05	31
	YEAR	MO	DAY		YEAR	MO	DAY
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

DELAWARE RIVER

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	0.27	0.27	KG/DAY	***	7.00	7.00	0	1/30	GR
	PERMIT REQUIREMENT	***	***		***	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	5.00	0	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	10.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	5.20		1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	***		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	0.01	0.01		EST	NA
	PERMIT REQUIREMENT	***	***		***	***	***		1/30	NA
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		***	***	33.00	0	1/30	GR
	PERMIT REQUIREMENT	***	***		***	***	43.30		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	***	***		7.50	7.50	7.50	0	1/30	GR
	PERMIT REQUIREMENT	***	***		6.00	***	9.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

L. K. Miller

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AREA
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NUMBER

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YEAR MO DAY

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

E. GEN. MGR. ENV AFF

REG# PSE&G

P.O. BOX 570 10C

NEWARK NJ 07101

UTILITY SALEM GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK

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489

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DISCHARGE NUMBER

OMB No. 158-R0073

GP. AT MI

17 2 1

MONITORING PERIOD

FROM 82 05 01 TO 82 05 31
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DELAWARE RIVER

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
00530 1 SOLIDS, TOTAL SUSPENDED EFFLUENT GROSS	SAMPLE MEASUREMENT	7.42	7.42	KG/DAY	*****	98.00	98.00	1	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	30.00	100.00		1/30	GR
00550 1 OIL AND GREASE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	5.00	5.00	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	10.00	10.00		1/30	GR
00551 1 PETROLEUM HYDROCARBONS EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	11.40	11.40	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	GR
50050 1 FLOW EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	0.02	0.02		EST	NA
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		1/30	NA
00010 1 TEMPERATURE, WATER DEG. CENTRIGRADE EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		*****	22.00	22.00	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		*****	43.30	43.30		1/30	GR
00400 1 PH EFFLUENT GROSS	SAMPLE MEASUREMENT	*****	*****		6.90	6.90	6.90	0	1/30	GR
	PERMIT REQUIREMENT	*****	*****		6.00	*****	9.00		1/30	GR
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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TSS - see coversheet.