



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Hope Creek Generating Station

October 24, 1995

Chief George Corporale  
Bureau of Information Systems  
P. O. Box CN-029  
Trenton, N. J. 08625

RE: NEW JERSEY POLLUTANT DISCHARGE  
ELIMINATION SYSTEM  
DISCHARGE MONITORING REPORT  
HOPE CREEK GENERATING STATION  
NJPDES PERMIT NJ0025411


Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek  
Generating Station for the month of September 1995.

This report is required by and prepared specifically for the  
Environmental Protection Agency (EPA) and the New Jersey Department  
of Environmental Protection (NJDEP). It presents only the observed  
results of measurements and analysis required to be performed by the  
above agencies. The choice of the measurement devices and analytical  
methods are controlled by the EPA and the NJDEP, not by the company,  
and there are limitations on the accuracy of such measurement devices  
and analytical techniques even when used and maintained as required.  
Accordingly, this report is not intended as an assertion that any  
instrument has measured, or that any reading analytical result  
represents the true value with absolute accuracy, nor is it an  
endorsement of the suitability of any analytical or measurement  
procedure.

If you have any questions concerning this report, please feel free to  
contact Mr. C. E. White.

Sincerely,

  
Mark E. Reddemann  
General Manager -  
Hope Creek Operations

020000

9511030201 950930  
PDR ADOCK 05000354  
R PDR

IE25  
11

NJPDES  
Explanation of conditions  
September 1995

10/24/95

The following explanations are included to clarify possible deviation from permit conditions.

General - The columns labeled "No. Ex", on the enclosed DMR, tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

Analytical values performed by the following NJDEP certified laboratories:

NET Atlantic, Inc. (08153)  
Hope Creek Generating Station (17451)  
Talbot Laboratory, Inc. (77535)  
South Jersey Testing, Inc. (06431)  
Princeton Testing Laboratory, Inc. (11118)

Deviations from required sampling, analysis monitoring and reporting methods and periodicities are noted on the respective transmittal sheet.

Frequency for discharge point 461A, the Cooling Tower Blowdown, and the River were done at approximately 5 hour intervals to provide for the cycles of concentration in the system.

As per the Administrative Consent Order the TSS limit for discharge points 462A, 463A and 464 have been lifted and the interim thermal limits for discharge point 461A have been changed to 443 MBTU/hr (June - September) and 731 MBTU/hr (October - May).

Results reported on the Discharge Monitoring Report forms are consistent with permit limits, data supplied from contract laboratories, the December 1993 revision of the NJDEP DMR Instruction manual and specific guidance from DEP personnel.

NJPDES  
Explanation of Exceedances  
September

10/24/95

The following exceedances are included in the attached report and explained below. Exclusions have not endangered nor significantly impacted public health or the environment.

DSN No.

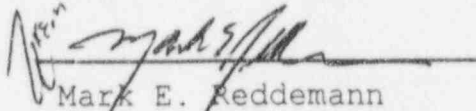
EXPLANATION

No Exceedances

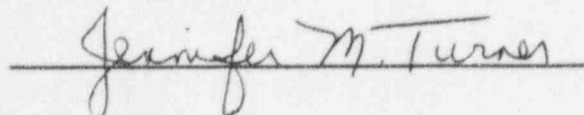
COUNTY OF SALEM  
STATE OF NEW JERSEY

I, Mark E. Reddemann, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the General Manager of the Hope Creek Generating Station, and as such am authorized to sign Discharge Monitoring Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
2. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.
3. The signature on the attached Discharge Monitoring Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.

  
Mark E. Reddemann  
General Manager -  
Hope Creek Operations

Sworn and subscribed before me  
this 23<sup>rd</sup> day of Oct. 1995.



JENNIFER M. TURNER  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires July 25, 2000

MONITORING REPORT - TRANSMITTAL SHEET

NJPOES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0101254111

019915 THRU 019915

PERMITTEE:Name Public Service Electric & Gas CompanyAddress P.O. Box 236Hancocks Bridge, NJ 08038FACILITY:Name Hope Creek Generating StationAddress P.O. Box 236Hancocks Bridge, NJ (County) SalemTelephone (609) 339-3463FORMS ATTACHED (Indicate Quantity of Each)

## SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

## SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

## WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

## GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

## NJPOES DISCHARGE MONITORING REPORT

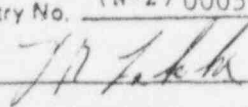
☐ 12 EPA FORM 3320-1OPERATING-EXCEPTIONS

YES NO

DYE TESTING ☐ ☒TEMPORARY BYPASSING ☐ ☒DISINFECTION INTERRUPTION ☐ ☒MONITORING MALFUNCTIONS ☐ ☒UNITS OUT OF OPERATION ☐ ☒OTHER ☐ ☒(Detail any "Yes" on reverse side  
in appropriate space.)NOTE: The "Hours Attended at Plant" on the  
reverse of this sheet must also be completed.

AUTHENTICATION - I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.

## LICENSED OPERATOR

Name (Printed) Peter R. LaSalaGrade & Registry No. (N-2) 000592Signature Date 10-24-95PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVEName (Printed) Mark E. Reddemann  
General ManagerTitle (Printed) Hope Creek OperationsSignature Date 10-24-95

# ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

## DISCHARGE NUMBER

PAGE	PARAMETER	COMMENTS
<u>461A</u>	CODE	
1 of 12	00530 1 0 *	Sample frequency was 3/month in order to meet internal procedural guidance on conductivity agreement between the River and Cooling Tower Blowdown.
	00530 2 0	
	00530 7 0	
	00551 1 0	
2 of 12	00551 2 0 *	Sample frequency was 3/month in order to meet internal procedural guidance on conductivity agreement between the River and Cooling Tower Blowdown.
	00551 7 0	
	00665 1 1	
	00665 2 1	
	00665 7 1	
	00680 1 1	
	00680 2 1	
2 of 12	00665 2 1 **	Net values calculated from grab sample results.
	00680 2 1	
3 of 12	00680 7 1 *	Sample frequency was 3/month in order to meet internal procedural guidance on conductivity agreement between the River and Cooling Tower Blowdown.
<u>461C</u>		
6 of 12	00680 1 1 **	Samples obtained were composites in accordance with permit requirements.
<u>462A</u>		
8 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.
<u>463A</u>		
11 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.
<u>464A</u>		
12 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.



MONITORING REPORT - TRANSMITTAL SHEET

NJDES NO

REPORTING PERIOD

MO. YR.

MO. YR.

0101254111

0995 THRU 0995

PERMITTEE: Name Public Service Electric & Gas CompanyAddress P.O. Box 236Hancocks Bridge, NJ 08038FACILITY: Name Hope Creek Generating StationAddress P.O. Box 236Hancocks Bridge, NJ (County) SalemTelephone (609) 339-3463FORMS ATTACHED (Indicate Quantity of Each)

## SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

## SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

## WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

## GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

## NJDES DISCHARGE MONITORING REPORT

☐ 12 EPA FORM 3320-1OPERATING EXCEPTIONS

YES NO

DYE TESTING ☐ ☒TEMPORARY BYPASSING ☐ ☒DISINFECTION INTERRUPTION ☐ ☒MONITORING MALFUNCTIONS ☐ ☒UNITS OUT OF OPERATION ☐ ☒OTHER ☐ ☒(Detail any "Yes" on reverse side  
in appropriate space.)NOTE: The "Hours Attended at Plant" on the  
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## LICENSED OPERATOR

Name (Printed) Peter R. LaSalaGrade & Registry No. (N-2) 000592Signature [Signature]Date 10-24-95PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVEName (Printed) Mark E. Reddemann  
General ManagerTitle (Printed) Hope Creek OperationsSignature [Signature]Date 10-24-95

OPERATING EXCEPTIONS DETAILED

\*\* Please refer to the attached Transmittal sheet addenda.

HOURS ATTENDED AT PLANT

Month 019

Year 915

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator		-	-	-	8	8	8	8	-	-	6	8	8	-	12	-
Others	10	3	3	3	10	10	10	10	3	3	10	10	10	10	10	3
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Others	3	10	10	10	10	10	3	3	10	10	10	10	10	3	-	



# ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

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PAGE	PARAMETER	COMMENTS
<u>461A</u>	CODE	
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	00665 7 1	
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	00680 2 1	
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MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010121514111

0191915 THRU 0191915

PERMITTEE: Name Public Service Electric & Gas

Address P.O. Box 236

Hancocks Bridge, N.J. 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N.J. (County) Salem

Telephone ( 609 ) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

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☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

NJPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1

OPERATING-EXCEPTIONS

YES NO

DYE TESTING ☐ ☒

TEMPORARY BYPASSING ☐ ☒

DISINFECTION INTERRUPTION ☐ ☒

MONITORING MALFUNCTIONS ☐ ☒

UNITS OUT OF OPERATION ☐ ☒

OTHER ☐ ☒

(Detail any "Yes" on reverse side  
in appropriate space.)

**NOTE:** The "Hours Attended at Plant" on the  
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LICENSED OPERATOR

Name (Printed) Andres Nurk

Grade & Registry No. S4 (000697)

Signature Andres Nurk

Date 10/5/95

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark E. Reddemann  
General Manager

Title (Printed) Hope Creek Operations

Signature [Signature]

Date 10/24/95

## This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

Month 10 9 Year 95

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	8	8	8	8	8	8	8	8			8	8	8	8	8	8
Others									8	8						
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	8	8	8	8	8	8			8	8	8	8	8	8		
Others							8	8								

PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>			<b>461A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	09	01		95	09	30
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)			

**COOLING TOWER BLOWDOWN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

DMR NUMBER: 091995

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-65)			UNITS	NO. OF EX. ANALYSIS (62-65)	FREQ. OF ANALYSIS (66-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING	UNITS	QUALITY	CONCENTRATION	UNITS				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	27.8	31.0	DEG.C	0	CONTIN	UOUS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth AVG	35.6 DLY MAX	DEG.C	0	CONTIN	UOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	23.4	26.3	DEG.C	0	CONTIN	UOUS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth AVG	REPORT DLY MAX	DEG.C	0	CONTIN	UOUS
PH	SAMPLE MEASUREMENT	*****	*****	*****	8	*****	8	SU	0	TWICE/ WEEK	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU	0	TWICE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	113	169	MG/L	0	TWICE/ MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	0	TWICE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	35	94	MG/L	0	TWICE/ MONTH**	CALCTD
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	0	TWICE/ MONTH	CALCTD
SOLIDS, TOTAL SUSPENDED 00530 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	78	93	MG/L	0	TWICE/ MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	0	TWICE/ MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.78	1.20	MG/L	0	TWICE/ MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	0	TWICE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 32 USC § 1319. (Penalties under these statutes may include 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

609 339-3463 95 10 24

AREA  
CODE

NUMBER

YEAR

MO

DAY

SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

\*\* PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.



PERMITTEE NAME/ADDRESS

NAME PSE&amp;G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY PSE&amp;G HOPE CREEK GENERATING STATION

LOCATION LOWEE ALLOWAYS CREEK, NJ 08038

DMR NUMBER: 091995

FROM

YEAR MO DAY  
95 09 01

TO

YEAR MO DAY  
95 09 30

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS			UNITS			
HYDROCARBONS, IN H <sub>2</sub> O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0	0		TWICE/MONTH**	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	10 DLY MAX	MG/L		
HYDROCARBONS, IN H <sub>2</sub> O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	0.86	1.10		TWICE/MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.391	0.414		TWICE/MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.087	0.141		TWICE/MONTH**	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	0.304	0.408		TWICE/MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	10	11		TWICE/MONTH**	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	3	5		TWICE/MONTH**	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20 DLY MAX	MG/L		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARK E. REDDEMANN  
GENERAL MANAGER  
HOPE CREEK OPERATIONS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL  
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AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

95 10 24

AREA  
CODE

NUMBER

YEAR MO DAY

SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

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PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>			<b>461A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	09	01		95	09	30
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

COOLING TOWER BLOWDOWN  
 MAJOR SALEM  
 SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

DMR NUMBER: 091995

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62 (63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS			UNITS			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	7	8		0	TWICE/ GRAB MONTH**
00680 7 1	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ GRAB MONTH
INTAKE FROM STREAM										
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI NODI
01034 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
EFFLUENT GROSS VALUE										
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI NODI
01034 2 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/CALCTD MONTH
EFFLUENT NET VALUE										
CHROMIUM, TOTAL (AS CR)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI NODI
01034 7 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
INTAKE FR ! STREAM										
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI NODI
01042 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
EFFLUENT GROSS VALUE										
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI NODI
01042 2 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/CALCTD MONTH
EFFLUENT NET VALUE										
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI NODI
01042 7 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
INTAKE FROM STREAM										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED  
 AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED  
 ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR  
 OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION  
 IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG-  
 NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING  
 THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND  
 33 USC § 1310. (Penalties under these statutes may include 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

609 339-3463

95 10 24

AREA  
CODE

NUMBER

YEAR

MO

DAY

SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF  
 NOT USED, ENTER "NODI" FOR THESE METALS.

\*\* PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.



PERMITTEE NAME/ADDRESS

NAME PSE&amp;G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY PSE&amp;G HOPE CREEK GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

DMR NUMBER: 091995

FROM

YEAR MO DAY

95 09 01

TO

YEAR MO DAY

95 09 30

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62 53)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS							
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI	NODI
01092 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX				
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI	NODI
01092 2 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	.6	MG/L		TWICE/MONTH	CALCTD
EFFLUENT NET VALUE				****		MNTH AVG	DLY MAX				
ZINC, TOTAL (AS ZN)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0	NODI	NODI
01092 7 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		TWICE/MONTH	GRAB
INTAKE FROM STREAM				****		MNTH AVG	DLY MAX				
ASBESTOS (FIBROUS)	SAMPLE MEASUREMENT	*****	*****		*****	<0.021100	<0.021100		0	TWICE/MONTH	GRAB
34225 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	UG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX				
ASBESTOS (FIBROUS)	SAMPLE MEASUREMENT	*****	*****		*****	<0.021100	<0.021100		0	TWICE/MONTH	CALCTD
34225 2 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	UG/L		TWICE/MONTH	CALCTD
EFFLUENT NET VALUE				****		MNTH AVG	DLY MAX				
ASBESTOS (FIBROUS)	SAMPLE MEASUREMENT	*****	*****		*****	<0.021100	<0.021100		0	TWICE/MONTH	GRAB
34225 7 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	UG/L		TWICE/MONTH	GRAB
INTAKE FROM STREAM				****		MNTH AVG	DLY MAX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	41.53	44.58		*****	*****	*****		0	CONTINUOUS	
50050 1 0	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****		CONTINUOUS	
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX					***			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARK E. REDDEMANN

GENERAL MANAGER

HOPE CREEK OPERATIONS

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE

DATE

609, 339-3463

95 10 24

SIGNATURE OF PRINCIPAL  
EXECUTIVE OFFICER OR  
AUTHORIZED AGENTAREA  
CODE

NUMBER

YEAR MO DAY

SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

PERMITTEE NAME/ADDRESS

NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)**NJ0025411**

PERMIT NUMBER

**461A**

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

FROM

YEAR MO DAY

**95 09 01**

(20-21)(22-23)(24-25)

TO

YEAR MO DAY

**95 09 30**

(26-27)(28-29)(30-31)

**COOLING TOWER BLOWDOWN****MAJOR****SALEM****SOUTHERN REGION**DMR NUMBER: **091995**

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS							
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1				CONTINUOUS
	PERMIT REQUIREMENT	*****	*****	****	*****	.2 MNTH AVG	.5 DLY MAX	MG/L			CONTINUOUS
HEAT (SUMMER) (PER HOUR) 81386 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	113	154		*****	*****	*****				CONTINUALCTD UOUS
	PERMIT REQUIREMENT	REPORT MNTH AVG	443 DLY MAX	MBTU/ HR	*****	*****	*****	****			CONTINUALCTD UOUS
	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

**MARK E. REDDEMANN****GENERAL MANAGER****HOPE CREEK OPERATIONS**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 18 USC § 1319. (Penalties under these statutes may include 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

**609 339-3463****95 10 24**AREA  
CODE

NUMBER

YEAR

MO

DAY

SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

PERMITTEE NAME/ADDRESS

NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)**NJ0025411**

PERMIT NUMBER

**461C**

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **091995**

FROM

YEAR MO DAY  
**95 09 01**

(20-21)(22-23)(24-25)

TO

YEAR MO DAY  
**95 09 30**

(26-27)(28-29)(30-31)

LOW VOLUME WW SYSTEM

MAJOR

SALEM

SOUTHERN REGION

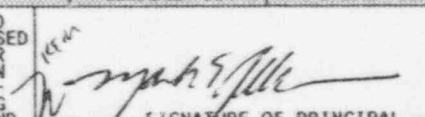
PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	21.9	23.0		WEEKLY	GRAB
PH	SAMPLE MEASUREMENT	*****	*****	*****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C	WEEKLY	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	8	*****	8	WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	*****	9	SU	WEEKLY
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	MINIMUM	MAXIMUM			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	3		OTWICE/	COMPOS
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	30	100	MG/L	TWICE/	COMPOS
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	2		OTWICE/	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	10	15	MG/L	TWICE/	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.1	< 0.1		OTWICE/	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	35	REPORT DLY MAX	MG/L	TWICE/	COMPOS
	SAMPLE MEASUREMENT	*****	*****	*****	*****	8	9		OTWICE/	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MNTH AVG	50	MG/L	TWICE/	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.02	< 0.02		OTWICE/	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MNTH AVG	.2	MG/L	TWICE/	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
GENERAL MANAGER  
HOPE CREEK OPERATIONS  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC 1001 AND 33 USC 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE  
**609 339-3463**

DATE  
**95 10 24**

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


AREA CODE  
**609**

NUMBER  
**339-3463**

YEAR  
**95**

MO  
**10**

DAY  
**24**

\*\* PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA



PERMITTEE NAME/ADDRESS

NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

**NJ0025411**

PERMIT NUMBER

**461C**

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

FROM

YEAR MO DAY  
**95 09 01**

TO

YEAR MO DAY  
**95 09 30**

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)


**LOW VOLUME WW SYSTEM****MAJOR****SALEM****SOUTHERN REGION**DMR NUMBER: **091995**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (58-65)		UNITS	NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0.58	0.66			OTWICE/ GRAB MONTH
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.03	0.06		*****	*****	*****			CONTIN UOUS
	PERMIT REQUIREMENT	REPORT Mnth AVG	.45 DLY MAX	MGD	*****	*****	*****	****		CONTIN UOUS
	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  
**MARK E. REDDEMANN**  
 GENERAL MANAGER  
 HOPE CREEK OPERATIONS  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC 5 1001 AND 33 USC 5 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE  
**609 339-3463**  
 DATE  
**95 10 24**

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


AREA CODE

NUMBER

YEAR

MO

DAY

PERMITTEE NAME/ADDRESS

NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)**NJ0025411**

PERMIT NUMBER

**462A**

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **091995**

FROM

YEAR MO DAY

**95 09 01**

TO

YEAR MO DAY

**95 09 30**

(20-21)(22-23)(24-25)


(26-27)(28-29)(30-31)

**NORTH STORM DRAIN****MAJOR****SOUTHERN REGION****SALEM**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)		UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
PH		*****	*****		7.1	*****	7.1		0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		37		0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		1		0	ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	15 DLY MAX	MG/L		ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		7		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	50 DLY MAX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.245	0.245		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****		ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
GENERAL MANAGER  
HOPE CREEK OPERATIONS  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 18 USC § 1319. (Penalties under these statutes may include 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  
**609 339-3463**

DATE  
**95 10 24**

SAMPLES TO BE TAKEN DURING A DISCHARGE EVENT, EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS & IS PRECEDED BY MINIMUM DRY PERIOD OF 72 HRS. \*\*PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.

PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>		<b>462B</b>					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	09	01		95	09	30
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)			

SEWAGE W.W.  
 MAJOR  
 SOUTHERN REGION

SALEM

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

DMR NUMBER: 091995

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		REPORT Mnth Avg	REPORT Dly Max		REPORT Mnth Avg	REPORT Dly Max				
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	30.3	30.3	KG/DAY	*****	255.0	255.0	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
BOD, 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.0	1.0	KG/DAY	*****	8.0	8.0	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****	*****	6.3	*****	8.0	0	TWICE/WEEK	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM		TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	*****	*****	338	338	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	21	21	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 1	< 1	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.026	0.044	MGD	*****	*****	*****	0	DAILY	FLOIND
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****		DAILY	FLOIND

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include 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  
**609 339-3463**

DATE  
**95 10 24**

AREA CODE NUMBER YEAR MO DAY



PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>			<b>462B</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	09	01		95	09	30
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)			

**SEWAGE W.W.**  
**MAJOR**  
**SOUTHERN REGION**  
**SALEM**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **091995**


PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
COLIFORM, FECAL GENERAL		*****	*****		*****	< 1	< 1		0	ONCE/MONTH	GRAB
74055 1 0		*****	*****	****	*****	200	400	#/100	0	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	*****	MONTHGEO	WKLY GEO	ML	0	ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL		*****	*****		96.9	96.9	*****		0	ONCE/MONTH	CALCTD
81010 K 0		*****	*****	****	87.5	REPORT	*****	PERCENT	0	ONCE/MONTH	CALCTD
PERCENT REMOVAL		*****	*****	****	MONAVMIN	AVERAGE	*****	PERCENT	0	ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		94	94	*****		0	ONCE/MONTH	CALCTD
81011 K 0		*****	*****	****	85	REPORT	*****	PERCENT	0	ONCE/MONTH	CALCTD
PERCENT REMOVAL		*****	*****	****	MONAVMIN	AVERAGE	*****	PERCENT	0	ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE		1.1	1.1		*****	9.6	9.6		0	ONCE/MONTH	CALCTD
82210 1 0		8.2	REPORT	KG/DAY	*****	REPORT	REPORT	MG/L	0	ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX		*****	MNTH AVG	DLY MAX		0	ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**  
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**609 339-3463**  
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 DATE  
**95 10 24**  
 YEAR MO DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT



PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>			<b>463A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	09	01		95	09	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

**SOUTH STORM DRAIN**  
**MAJOR**  
**SOUTHERN REGION**

**SALEM**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

DMR NUMBER: 091995

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	*****				
PH	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.0		0	ONCE/MONTH	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****		48		0	ONCE/MONTH	GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		ONCE/MONTH	GRAB
00530 1 1 (ADMIN)				****		MNTH AVG	DLY MAX				
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****		1		0	ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O,	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	15	MG/L		ONCE/MONTH	GRAB-3
IR, CC14 EXT. CHROMAT				****		MNTH AVG	DLY MAX				
00551 1 0	SAMPLE MEASUREMENT	*****	*****		*****		24		0	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	50	MG/L		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC				****		MNTH AVG	DLY MAX				
(TOC)	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****		0	ONCE/MONTH	
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****		ONCE/MONTH	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.265	0.265		*****	*****	*****	****		ONCE/MONTH	
FLOW, IN CONDUIT OR	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	***		ONCE/MONTH	
THRU TREATMENT PLANT		MNTH AVG	DLY MAX								
50050 1 0	SAMPLE MEASUREMENT										
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL  
 EXECUTIVE OFFICER OR  
 AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

95 10 24

AREA  
 CODE

NUMBER

YEAR MO DAY

SAMPLES TO BE TAKEN DURING A DISCHARGE EVENT, EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS & IS PRECEDED BY MINIMUM DRY PERIOD OF 72 HRS. \*\*PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.

PERMITTEE NAME/ADDRESS

NAME **PSE&G**  
 ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>			<b>464A</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	09	01		95	09	30
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)			

**PERIM STORM DRAIN**  
**MAJOR**  
**SOUTHERN REGION**

**SALEM**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

DMR NUMBER: **091995**

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			QUALITY OR CONCENTRATION (46-53)			NO. EX (62 63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS						UNITS			
PH	SAMPLE MEASUREMENT	*****	*****			7.9	*****	7.9			0	ONCE/	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****		6.0	*****	9.0	SJ			ONCE/	GRAB
EFFLUENT GROSS VALUE				****		MINIMUM		MAXIMUM				MONTH	
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****			*****		36		36	0	ONCE/	GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	****		*****		REPORT		REPORT		ONCE/	GRAB
00530 1 1 (ADMIN)				****				MNTH AVG		DLY MAX	MG/L	MONTH	
EFFLUENT GROSS VALUE				****									
HYDROCARBONS, IN H2O,	SAMPLE MEASUREMENT	*****	*****			*****		1		1	0	ONCE/	GRAB
IR, CC14 EXT. CHROMAT	PERMIT REQUIREMENT	*****	*****	****		*****		REPORT		15		ONCE/	GRAB-3
00551 1 0				****				MNTH AVG		DLY MAX	MG/L	MONTH	
EFFLUENT GROSS VALUE				****									
CARBON, TOT ORGANIC	SAMPLE MEASUREMENT	*****	*****			*****		20		20	0	ONCE/	GRAB
(TOC)	PERMIT REQUIREMENT	*****	*****	****		*****		REPORT		50		ONCE/	GRAB
00680 1 1				****				MNTH AVG		DLY MAX	MG/L	MONTH	
EFFLUENT GROSS VALUE				****									
FLOW, IN CONDUIT OR	SAMPLE MEASUREMENT	0.346	0.346			*****		*****		*****	0	ONCE/	
THRU TREATMENT PLANT	PERMIT REQUIREMENT	REPORT	REPORT	MGD		*****		*****		*****		ONCE/	
50050 1 0		MNTH AVG	DLY MAX									MONTH	
EFFLUENT GROSS VALUE													
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												
	SAMPLE MEASUREMENT												
	PERMIT REQUIREMENT												

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
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