



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

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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.

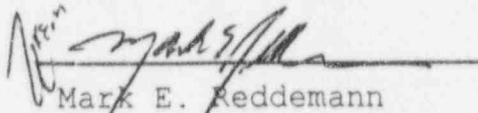
EXPLANATION

No Exceedances

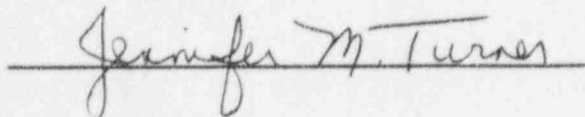
COUNTY OF SALEM  
STATE OF NEW JERSEY

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>d</sup>. day of Oct. 1995.

  
Jennifer M. Turner

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

MONITORING REPORT - TRANSMITTAL SHEET

NJPOES NO

REPORTING PERIOD

0101254111

019915 THRU 019915

PERMITTEE: Name Public Service Electric & Gas Company  
Address P.O. Box 236  
Hancocks Bridge, NJ 08038

FACILITY: Name Hope Creek Generating Station  
Address P.O. Box 236  
Hancocks Bridge, NJ (County) Salem  
Telephone (609) 339-3463

FORMS 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

NPOES DISCHARGE MONITORING REPORT

12 EPA FORM 3320-1

OPERATING-EXCEPTIONS

	YES	NO
DYE TESTING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TEMPORARY BYPASSING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DISINFECTION INTERRUPTION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MONITORING MALFUNCTIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UNITS OUT OF OPERATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(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. LaSala  
Grade & Registry No. (N-2) 000592  
Signature [Signature]  
Date 10-24-95

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE  
Name (Printed) Mark E. Reddemann  
Title (Printed) General Manager  
Signature [Signature]  
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

NJPOES NO

REPORTING PERIOD

MO. YR. MO. YR.

01021514111

0995 THRU 0995

PERMITTEE: Name Public Service Electric & Gas Company  
Address P.O. Box 236  
Hancocks Bridge, NJ 08038

FACILITY: Name Hope Creek Generating Station  
Address P.O. Box 236  
Hancocks Bridge, NJ (County) Salem  
Telephone (609) 339-3463

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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

NPOES DISCHARGE MONITORING REPORT

12 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  
reverse of this sheet must also be completed.

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LICENSED OPERATOR

Name (Printed) Peter R. LaSala

Grade & Registry No. (N-2) 000592

Signature [Signature]

Date 10-24-95

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

OPERATING EXCEPTIONS DETAILED

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

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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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<u>461A</u>		
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	00665 7 1	
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MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010121514111

091915 THRU 091915

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)

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SLUDGE REPORTS - INDUSTRIAL

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GROUNDWATER REPORTS

VWX-015(A,B)  VWX-016  VWX-017

NPDES DISCHARGE MONITORING REPORT

EPA FORM 3320-1

OPERATING-EXCEPTIONS

	YES	NO
DYE TESTING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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MONITORING MALFUNCTIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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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 Mark E. Reddemann

Date 10/24/95



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 PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (48-55)		UNITS	NO. OF EX. ANALYSIS (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	27.8	31.0		0	CONTINUOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	35.6 DLY MAX	DEG.C		CONTINUOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1	SAMPLE MEASUREMENT	*****	*****		*****	23.4	26.3		0	CONTINUOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	DEG.C		CONTINUOUS
PH 00400 1 0	SAMPLE MEASUREMENT	*****	*****		8	*****	8		0	TWICE/WEEK GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		TWICE/WEEK GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	113	169		0	TWICE/MONTH** GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH** GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0	SAMPLE MEASUREMENT	*****	*****		*****	35	94		0	TWICE/CALCTD MONTH** GRAB
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/CALCTD MONTH** GRAB
SOLIDS, TOTAL SUSPENDED 00530 7 0	SAMPLE MEASUREMENT	*****	*****		*****	78	93		0	TWICE/MONTH** GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH** GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0.78	1.20		0	TWICE/MONTH** GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		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 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]*  
 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&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

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

MONITORING PERIOD						
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**

DMR NUMBER: 091995

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
HYDROCARBONS, IN H2O, 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	TWICE/MONTH	CALCTD
HYDROCARBONS, IN H2O, 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	TWICE/MONTH	GRAB
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	TWICE/MONTH	GRAB
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	TWICE/MONTH	GRAB
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	TWICE/MONTH	GRAB
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	TWICE/MONTH	GRAB
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	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 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

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&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			461A				
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

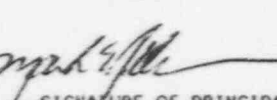
FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**

DMR NUMBER: 091995

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

TELEPHONE  
**609 339-3463**  
 DATE  
**95 10 24**  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
  
 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&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)

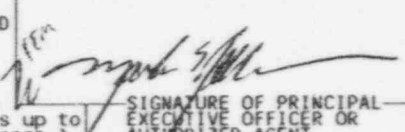
<b>NJ0025411</b>	<b>461A</b>
PERMIT NUMBER	DISCHARGE NUMBER
MONITORING PERIOD	
FROM	TO
YEAR MO DAY	YEAR MO DAY
<b>95 09 01</b>	<b>95 09 30</b>
(20-21)(22-23)(24-25)	(26-27)(28-29)(30-31)

**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) (46-53) QUANTITY OR LOADING (54-61)		UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)		UNITS	NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	NODI	NODI	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
ZINC, TOTAL (AS ZN) 01092 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	NODI	NODI	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	CALCTD
ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	NODI	NODI	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.021100	<0.021100	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	UG/L	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.021100	<0.021100	0	TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	UG/L	TWICE/MONTH	CALCTD
ASBESTOS (FIBROUS) 34225 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.021100	<0.021100	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	UG/L	TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	41.53	44.58	MGD	*****	*****	*****	0	CONTINUOUS	CONTINUOUS
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	CONTINUOUS	CONTINUOUS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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		
MARK E. REDDEMANN GENERAL MANAGER HOPE CREEK OPERATIONS TYPED OR PRINTED			609 339-3463	95	10
	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	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)

<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)		

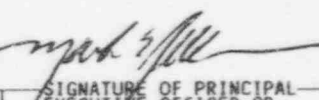
**COOLING TOWER BLOWDOWN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

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

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TELEPHONE  
**609 339-3463**  
 AREA CODE NUMBER  
 DATE  
**95 10 24**  
 YEAR MO DAY  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


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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>461C</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)		

**LOW VOLUME WW SYSTEM**  
**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 (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING	UNITS	QUALITY	CONCENTRATION	UNITS				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1		*****	*****	*****	*****	21.9	23.0	DEG. C		WEEKLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max			WEEKLY	GRAB
PH	SAMPLE MEASUREMENT	*****	*****	*****	8	*****	8			WEEKLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	3			OTWICE/	COMPOS MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 Mnth Avg	100 Dly Max	MG/L		TWICE/	COMPOS MONTH
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	2			OTWICE/	GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10 Mnth Avg	15 Dly Max	MG/L		TWICE/	GRAB MONTH
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.1	< 0.1			OTWICE/	COMPOS MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	35 Mnth Avg	REPORT Dly Max	MG/L		TWICE/	COMPOS MONTH
CARBON, TOT ORGANIC (TOC) 00680 1 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	8	9			OTWICE/	COMPOS MONTH **
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50 Dly Max	MG/L		TWICE/	GRAB MONTH
COPPER, TOTAL (AS CU) 01042 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.02	< 0.02			OTWICE/	GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	.2 Dly Max	MG/L		TWICE/	GRAB MONTH

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

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TELEPHONE  
**609 339-3463**  
 DATE  
**95 10 24**  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
 AREA CODE NUMBER YEAR MO DAY

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

PERMITTEE NAME/ADDRESS

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

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

**NJ0025411** **461C**  
PERMIT NUMBER DISCHARGE NUMBER

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

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
95	09	01	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) (54-61)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			UNITS	NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		MEASUREMENT	PERMIT REQUIREMENT		MEASUREMENT	PERMIT REQUIREMENT	MEASUREMENT				
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0.58	0.66			0 TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.03	0.06		*****	*****	*****			0 CONTINUOUS	
	PERMIT REQUIREMENT	REPORT Mnth Avg	.45 Dly Max	MGD	*****	*****	*****	****		CONTINUOUS	
	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

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
*[Signature]*  
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>462A</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)		

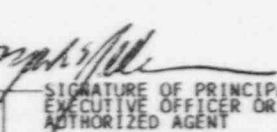
**NORTH STORM DRAIN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)			NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.1	0	ONCE/MONTH	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		37	0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN)	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		1	0	ONCE/MONTH	GRAB
00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	15	MG/L	ONCE/MONTH	GRAB-3
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		7	0	ONCE/MONTH	GRAB
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	50	MG/L	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.245	0.245		*****	*****	*****	0	ONCE/MONTH	
50050 1 0	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****	ONCE/MONTH	
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX					***		
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	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: 609 339-3463  
 DATE: 95 10 24  
 AREA CODE: 609 NUMBER: 339-3463 YEAR: 95 MO: 10 DAY: 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**

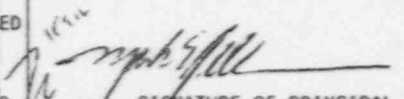
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
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<b>NJ0025411</b>			<b>462B</b>				
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**SEWAGE W.W.**  
**MAJOR**  
**SOUTHERN REGION**  
**SALEM**

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 (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (54-61)			NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS				
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	30.3	30.3	KG/DAY	*****	255.0	255.0	MG/L	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		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	MG/L	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	6.8	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		ONCE/MONTH	GRAB
PH 00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	6.3	*****	8.0	SU	0	TWICE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	****	*****	338	338	MG/L	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	21	21	MG/L	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	70	100	MG/L		ONCE/MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	< 1	< 1	MG/L	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	10	15	MG/L		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 <b>MARK E. REDDEMANN</b> 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	DATE		
			609 339-3463	95	10	24

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 (46-53) (54-61)			(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	UNITS	UNITS	UNITS	UNITS			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 1	< 1	0	ONCE/MONTH	GRAB
74055 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/100	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE					MONTHGEO	WKLY GEO	ML			
BOD, 5-DAY PERCENT REMOV. L	SAMPLE MEASUREMENT	*****	*****	*****	96.9	96.9	*****	0	ONCE/MONTH	CALCTD
81010 K 0	PERMIT REQUIREMENT	*****	*****	****	87.5	REPORT AVERAGE	*****	PERCENT	ONCE/MONTH	CALCTD
PERCENT REMOVAL					MONAVMIN					
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	*****	94	94	*****	0	ONCE/MONTH	CALCTD
81011 K 0	PERMIT REQUIREMENT	*****	*****	****	85	REPORT AVERAGE	*****	PERCENT	ONCE/MONTH	CALCTD
PERCENT REMOVAL					MONAVMIN					
OXYGEN DEMAND FIRST STAGE	SAMPLE MEASUREMENT	1.1	1.1		*****	9.6	9.6	0	ONCE/MONTH	CALCTD
82210 1 0	PERMIT REQUIREMENT	8.2	REPORT	KG/DAY	*****	REPORT	REPORT	MG/L	ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX			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 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.)

*Mark E. Reddemann*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE	
609 339-3463	95 10 24	AREA CODE	NUMBER
		YEAR	MO DAY

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

PERMITTEE NAME/ADDRESS

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

<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** **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 (54-61)			UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING	UNITS	QUALITY	CONCENTRATION	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 SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		48		0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN)	PERMIT REQUIREMENT	*****	*****	****	*****		REPORT Mnth Avg	REPORT Dly Max	MG/L	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE											
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		1		0	ONCE/MONTH	GRAB **
00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****		REPORT Mnth Avg	15 Dly Max	MG/L	ONCE/MONTH	GRAB-3
EFFLUENT GROSS VALUE											
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		24		0	ONCE/MONTH	GRAB
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****		REPORT Mnth Avg	50 Dly Max	MG/L	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE											
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.265	0.265		*****	*****	*****		0	ONCE/MONTH	
50050 1 0	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****		ONCE/MONTH	
EFFLUENT GROSS VALUE								***			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	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  
*[Signature]*

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> PERMIT NUMBER			<b>464A</b> 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 SALEM  
 SOUTHERN REGION

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (46-53)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.9	*****	7.9		0 ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SJ	0 ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		36	36	0 ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	0 ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		1	1	0 ONCE/MONTH	GRAB **
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15 DLY MAX	MG/L	0 ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		20	20	0 ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50 DLY MAX	MG/L	0 ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.346	0.346		*****	*****	*****		0 ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****	0 ONCE/MONTH	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
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TELEPHONE		DATE	
609	339-3463	95	10 24
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