



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

Hope Creek Generating Station

January 22, 1996

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 December 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

9601290192 951231  
PDR ADOCK 05000354  
R PDR

The Energy People

IE25  
11

W:ej  
Attachments

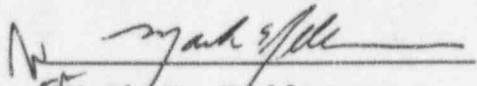
C Executive Director, DRBC  
USNRC - Docket number 50-354

510085

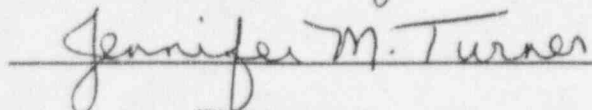
COUNTY OF SALEM  
STATE OF NEW JERSEY

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 22nd day of Jan. 1996.



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

NJPDES  
Explanation of Exceedances  
December 1995

1/22/96

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**

NJPDES  
Explanation of Conditions  
December 1995

1/22/96

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)  
EMSL Analytical, Inc. (04673)

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

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.

Analyses results for asbestos monitoring are based on a theoretical fibril size since none were detected. This along with the fact that only 1 milliliter from a 1 liter sample was able to be filtered, raised the detection limit to what is reported. Analyses were performed IAW EPA Method 600/4-83-043.

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

1/22/96

PAGE	PARAMETER CODE	COMMENTS
<u>461A</u>		
2 of 12	00665 2 1 ** 00680 2 1 **	Net values calculated from grab sample results.
<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.



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010215141111

1295 THRU 1295

PERMITTEE:

Name Public Service Electric & Gas

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

NPDES 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  
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 *Peter R. Lasala*

Date Jan. 22, 1996

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark E. Reddemann

Title (Printed) General Manager  
Hope Creek Operations

Signature *Mark E. Reddemann*

Date Jan. 22, 1996





MONITORING REPORT -- TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

[010121514111]

[12/95] THRU [12/95]

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

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

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) Andres Nurk  
Grade & Registry No. S4 (000697)  
Signature Andres Nurk  
Date 1/12/96

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark E. Reddemann  
General Manager  
Title (Printed) Hope Creek Operations  
Signature Mark E. Reddemann  
Date Jan. 22, 1996

OPERATING EXCEPTIONS DETAILED

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HOURS ATTENDED AT PLANT

Month 1/12 Year 2015

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	
Others		8	8							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				
Others	8					8		8	8				8	8	8	

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

NJ0025411		461A					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	12	01		95	12	31
(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: 121995

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(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. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	5.4	9.3		0	CONTINUOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	35.6 Dly Max	DEG.C	0	CONTINUOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1	SAMPLE MEASUREMENT	*****	*****		*****	3.3	6.9		0	CONTINUOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	DEG.C	0	CONTINUOUS
PH 00400 1 0	SAMPLE MEASUREMENT	*****	*****		7	*****	8		0	TWICE/GRAB WEEK
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	MINIMUM	9 MAXIMUM	SU	0	TWICE/GRAB WEEK
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	151	174		0	TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	0	TWICE/GRAB MONTH
SOLIDS, TOTAL SUSPENDED 00530 2 0	SAMPLE MEASUREMENT	*****	*****		*****	18	30		0	TWICE/CALCTD MONTH
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	0	TWICE/CALCTD MONTH
SOLIDS, TOTAL SUSPENDED 00530 7 0	SAMPLE MEASUREMENT	*****	*****		*****	133	144		0	TWICE/GRAB MONTH
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	0	TWICE/GRAB MONTH
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0.68	1.10		0	TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	0	TWICE/GRAB MONTH

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.)

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

TELEPHONE		DATE	
609 339-3463	96 01 22		
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.

ADDRESS P.O. BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

FACILITY PSE&G HOPE CREEK GENERATING STATION  
 LOCATION LOWER ALLOWAYS CREEK, NJ 08038  
 DMR NUMBER: 121995

NJ0025411			461A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	12	01		95	12	31
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

COOLING TOWER BLOWDOWN  
 MAJOR SALEM  
 SOUTHERN REGION

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(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 PERMIT REQUIREMENT	*****	*****	****	*****	0	0		OTWICE/MONTH	CALCTD
		*****	*****	****	*****	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 PERMIT REQUIREMENT	*****	*****	****	*****	0.82	1.40		OTWICE/MONTH	GRAB
		*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	0.52	0.54		OTWICE/MONTH	GRAB
		*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	0.06	0.10		OTWICE/MONTH	CALCTD **
		*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	0.46	0.48		OTWICE/MONTH	GRAB
		*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	8	10		OTWICE/MONTH	GRAB
		*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	0	1		OTWICE/MONTH	CALCTD **
		*****	*****	****	*****	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.)	TELEPHONE		DATE		
		609 339-3463	96 01 22	AREA CODE	NUMBER	YEAR

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**

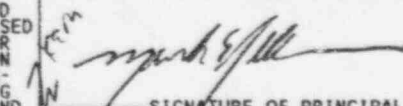
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (2-16) (17-19)

<b>NJ0025411</b>		<b>461A</b>					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	12	01		95	12	31
(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: **121995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(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			
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	8	8		TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	NODI	NODI		NODI	NODI
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	****	*****	NODI	NODI		NODI	NODI
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT 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 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 PERMIT REQUIREMENT	*****	*****	****	*****	NODI	NODI		NODI	NODI

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	96 01 22

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

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

NJ0025411			461A		
PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
95	12	01	95	12	31
(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: 121995

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-53)			UNITS	NO. EX (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			ONODI	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			ONODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.6 DLY MAX	MG/L		TWICE/MONTH	CALCTD
ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	NODI	NODI			ONODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	< 4700	< 4700			OTWICE/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	*****	*****	****	*****	< 4700	< 4700			OTWICE/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	*****	*****	****	*****	< 4700	< 4700			OTWICE/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	32.00	46.16	HGD	*****	*****	*****			CONTINUOUS	
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	HGD	*****	*****	*****	****		CONTINUOUS	

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	96 01 22		
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

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**  
PERMIT NUMBER  
**461A**  
DISCHARGE NUMBER

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **121995**

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY  
**95 2 01** TO **95 12 31**  
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
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 (WINTER) (PER HOUR) 81387 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	43	54		*****	*****	*****			CONTINUALCTD
	PERMIT REQUIREMENT	REPORT MNTH AVG	731 DLY MAX	MBTU/HR	*****	*****	*****	****		CONTINUALCTD
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. FEDDEMANN**  
**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.)

TELEPHONE: **509 339-3463** DATE: **96 01 22**

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

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.

ADDRESS P.O. BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

**NJ0025411**  
PERMIT NUMBER

**461C**  
DISCHARGE NUMBER

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

MONITORING PERIOD  
FROM YEAR 95 MO 12 DAY 01 TO YEAR 95 MO 12 DAY 31  
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

**LOW VOLUME WW SYSTEM**  
**MAJOR SALEM**  
**SOUTHERN REGION**

DMR NUMBER: **121995**

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)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	19.2	21.0		0	WEEKLY GRAB
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	DEG.C		WEEKLY GRAB
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	4	5		0	WEEKLY GRAB
EFFLUENT GROSS VALUE HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	MINIMUM	MAXIMUM	6	9	WEEKLY GRAB
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0	SAMPLE MEASUREMENT	*****	*****		*****	30	100	MG/L	0	TWICE/COMPOS MONTH
EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC) 00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	Mnth Avg	Dly Max			TWICE/COMPOS MONTH
EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU) 01042 1 0	SAMPLE MEASUREMENT	*****	*****		*****	1	2		0	TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10	15	MG/L	0	TWICE/GRAB MONTH
	SAMPLE MEASUREMENT	*****	*****		*****	0	0		0	TWICE/COMPOS MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	35	REPORT Dly Max	MG/L	0	TWICE/COMPOS MONTH
	SAMPLE MEASUREMENT	*****	*****		*****	8	9		0	TWICE/COMPOS MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50	MG/L	0	TWICE/GRAB MONTH
	SAMPLE MEASUREMENT	*****	*****		*****	< 0.02	< 0.02		0	TWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	.2	MG/L	0	TWICE/GRAB MONTH

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 § 1519. (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  
*Mark E. Reddemann*  
TELEPHONE: 609 339-3463  
DATE: 96 01 22  
AREA CODE: NUMBER: YEAR: MO: DAY:

\*\* 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** **461C**  
 PERMIT NUMBER DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
95	12	01		95	12	31

(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

LOW VOLUME WW SYSTEM  
 MAJOR SALEM  
 SOUTHERN REGION

DMR NUMBER: 121995

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. OF EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	1.0	1.0			TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR AHRU TREATMENT PLANT 50050 1 0	SAMPLE MEASUREMENT	0.04	0.06		*****	*****	*****			CONTINUOUS	
EFFLUENT GROSS VALUE	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

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 **96 01 22**  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
 AREA CODE NUMBER YEAR MO DAY

ADDRESS P.O. BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

NJ0025411 462A  
 PERMIT NUMBER DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
 95 12 01 95 12 31  
 (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: 121995

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. OF ANALYSES (62-63) (64-68)	FREQ. OF ANALYSES (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.1		ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		31		ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L	ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		1		ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	15	MG/L	ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		8		ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	50	MG/L	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.098	0.098		*****	*****	*****		ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	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

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

TELEPHONE DATE  
 609 339-3463 96 01 22  
 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>462B</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	12	01		95	12	31
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

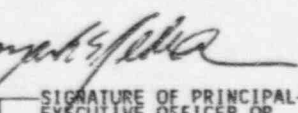
**SEWAGE W.W.**  
**MAJOR**  
**SOUTHERN REGION**  
**SALEM**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **121995**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(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	UNITS	UNITS	UNITS	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	REPORT Mnth Avg	78	78	KG/DAY	*****	683	683	MG/L	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	REPORT Mnth Avg	2.2	2.2	KG/DAY	*****	19	19	MG/L	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	ONCE/MONTH	GRAB
PH	REPORT Mnth Avg	*****	*****	*****	7.7	*****	7.9	*****	TWICE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0	SU	TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	REPORT Mnth Avg	*****	*****	*****	*****	802	802	MG/L	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	REPORT Mnth Avg	*****	*****	*****	*****	15	15	MG/L	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	30	100	MG/L	ONCE/MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE	REPORT Mnth Avg	*****	*****	*****	*****	< 1	< 1	MG/L	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	REPORT Mnth Avg	0.023	0.035	MGD	*****	*****	*****	*****	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 5 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
  
 TELEPHONE  
**609 339-3463**  
 DATE  
**96 01 22**  
 AREA CODE NUMBER YEAR MO DAY



ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

**NJ0025411**  
 PERMIT NUMBER

**462B**  
 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
95	12	01		95	12	31

(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

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

**SALEM**

DMR NUMBER: 121995

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
COLIFORM, FECAL GENERAL 74055 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 1	< 1	0	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/100	ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0	SAMPLE MEASUREMENT	*****	*****	*****	97.2	97.2	*****	0	ONCE/MONTH	CALCTD
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	87.5	REPORT AVERAGE	*****	PERCENT	ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0	SAMPLE MEASUREMENT	*****	*****	*****	98	98	*****	0	ONCE/MONTH	CALCTD
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	REPORT AVERAGE	*****	PERCENT	ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0	SAMPLE MEASUREMENT	2.6	2.6	*****	*****	22.8	22.8	0	ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8.2	REPORT DLY MAX	KG/DAY	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	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**  
 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 § 1370. (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	96	01 22
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>463A</b>					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	12	01		95	12	31
	(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: **121995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Op(y) QUANTITY OR LOADING (46-53) (54-61))		UNITS	(4 Card Op(y) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61))		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING		QUALITY	CONCENTRATION				
PH	SAMPLE MEASUREMENT	*****	*****		6.9	*****	6.9		ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	BU	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	*****	70		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		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	*****	*****		*****	*****	10		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	0.106	0.106		*****	*****	*****		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 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		96	01 22
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.

ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**

**NJ0025411** **464A**  
 PERMIT NUMBER DISCHARGE NUMBER

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **121995**

MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
**95 12 01 95 12 31**  
 (20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(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	OR	LOADING	QUALITY	OR	CONCENTRATION					
PH	SAMPLE MEASUREMENT	*****	*****			7.1	*****	7.1		ONCE/MONTH	GRAB	
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	****	6.0	*****	9.0	BU	ONCE/MONTH	GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****			*****		5		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		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	*****	*****			*****		8		ONCE/MONTH	GRAB	
00630 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	0.138	0.138			*****	*****	*****		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 <b>MARK E. REDDEMANN</b> GENERAL MANAGER HOPE CREEK OPERATIONS	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	DATE
		609 339-3463	96 01 22
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER

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.