



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

Hope Creek Generating Station

October 23, 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 September 1996.

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 B. Bezilla  
General Manager -  
Hope Creek Operations

9611010161 960930  
PDR ADOCK 05000354  
R PDR

The Energy People

IE25%

NJPDES

2

10/23/96

*1* CW:eaj  
Attachments

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

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.

The industrial license holder's (N-2) signature is signifying the review for DSN's 461A, 461C, 462A, 463A, and 464. The S-4 license holder's signature signifies review for DSN-462B.

NJPDES  
Explanation of Exceedances  
September 1996

10/23/96

The following exceedances are included in the attached report  
and explained below.

DSN No.

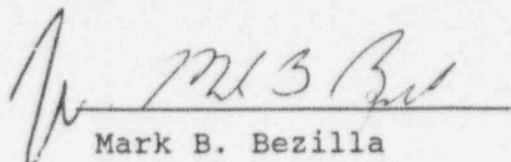
EXPLANATION

No Exceedances

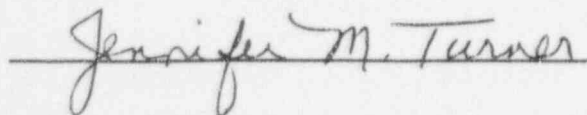
COUNTY OF SALEM  
STATE OF NEW JERSEY

I, Mark B. Bezilla, 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 B. Bezilla  
General Manager -  
Hope Creek Operations

Sworn and subscribed before me  
this 23rd. day of Oct. 1996.



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

# ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

10/23/96

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.

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010121514111

0996 THRU 0996

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

NJPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

DYE TESTING

☐ ☒

TEMPORARY BYPASSING

☐ ☒

DISINFECTION INTERRUPTION

☐ ☒

MONITORING MALFUNCTIONS

☐ ☒

UNITS OUT OF OPERATION

☐ ☒

OTHER

☐ ☒

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

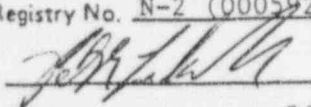
NOTE: The "Hours Attended at Plant" on the  
reverse of this sheet must also be completed.

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)

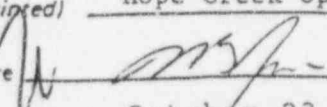
Signature 

Date October 23, 1996

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla

Title (Printed) General Manager  
Hope Creek Operations

Signature 

Date October 23, 1996



NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

010121514111

0996 THRU 0996

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

NJPDES 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  
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LICENSED OPERATOR

Name (Printed) Andres Nurk

Grade & Registry No S4 (000697)

Signature Andres Nurk

10/11/96

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla

General Manager

Title (Printed) Hope Creek Operations

Signature Mark B. Bezilla

Date

October 23, 1996



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**

FROM

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
96	09	01		96	09	30
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

 COOLING TOWER BLOWDOWN  
 MAJOR **SALEM**  
 SOUTHERN REGION

DMR NUMBER: 091996

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)
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	28.2	31.9		0	CONTIN UOUS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	35.6 DLY MAX	DEG.C		CONTIN UOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	23.3	26.0		0	CONTIN UOUS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C		CONTIN UOUS
PH	SAMPLE MEASUREMENT	*****	*****		9	*****	9		0	TWICE/GRAB WEEK
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6 MINIMUM	*****	9 MAXIMUM	SU		TWICE/GRAB WEEK
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	108	115		0	TWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
SOLIDS, TOTAL SUSPENDED 00530 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	61	70		0	TWICE/CALCTD MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/CALCTD MONTH
SOLIDS, TOTAL SUSPENDED 00530 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	47	63		0	TWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.50	< 0.50		0	TWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH

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

 I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED  
 AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED  
 ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR  
 OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION  
 IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIG-  
 NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING  
 THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND  
 33 USC § 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	10	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS

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

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **091996**

FROM

YEAR MO DAY  
**96 09 01**

TO

YEAR MO DAY  
**96 09 30**

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

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

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)	. . . . (38-41)	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS			UNITS			
HYDROCARBONS, IN H <sub>2</sub> O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.5	< 0.5		OTWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	10 DLY MAX	MG/L	TWICE/MONTH	CALCTD
HYDROCARBONS, IN H <sub>2</sub> O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	0.38	0.52		OTWICE/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	*****	*****		*****	0.34	0.48		OTWICE/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	*****	*****		*****	0.14	0.19		OTWICE/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	*****	*****		*****	0.20	0.29		OTWICE/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	*****	*****		*****	7.6	8.6		OTWICE/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	3		OTWICE/MONTH	CALCTD **
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20 DLY MAX	MG/L	TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK B. BEZILLA****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 § 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL  
EXECUTIVE OFFICER OR  
AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

96 10 23

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	YEAR	MO	DAY
	96	09	01
TO	YEAR	MO	DAY
	96	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: **091996**

PARAMETER (32-37)	.	.	.	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62 (63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
						UNITS						
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	.	.	.	*****	*****		*****	4.8	5.6		0	TWICE/GRAB MONTH
				*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	.	.	.	*****	*****		*****	NODI	NODI		0	NODI NODI
				*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	.	.	.	*****	*****		*****	NODI	NODI		0	NODI NODI
				*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	TWICE/CALCTD MONTH	
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	.	.	.	*****	*****		*****	NODI	NODI		0	NODI NODI
				*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	.	.	.	*****	*****		*****	NODI	NODI		0	NODI NODI
				*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	
COPPER, TOTAL (AS CU) 01042 2 0 EFFLUENT NET VALUE	.	.	.	*****	*****		*****	NODI	NODI		0	NODI NODI
				*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	TWICE/CALCTD MONTH	
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	.	.	.	*****	*****		*****	NODI	NODI		0	NODI NODI
				*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK B. BEZILLA**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**

TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL  
 EXECUTIVE OFFICER OR  
 AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463 96 10 23

AREA  
CODE

NUMBER

YEAR MO DAY

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



PERMITTEE NAME/ADDRESS

NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)**NJ0025411****461A**

PERMIT NUMBER

DISCHARGE NUMBER

## MONITORING PERIOD

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

FROM

YEAR MO DAY  
**96 09 01**

TO

YEAR MO DAY  
**96 09 30**

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

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

**COOLING TOWER BLOWDOWN****MAJOR****SALEM****SOUTHERN REGION**DMR NUMBER: **091996**

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. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY OR LOADING (46-53)	UNITS		QUALITY OR CONCENTRATION (38-45)	UNITS				
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		0NODI	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		0NODI	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		0NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/ MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 65.0	< 65.0		0TWICE/ 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	*****	*****		*****	< 65.0	< 65.0		0TWICE/ 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	*****	*****		*****	< 26.0	< 26.0		0TWICE/ 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	54.04	58.34		*****	*****	*****		0CONTIN UOUS	
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	CONTIN UOUS	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK B. BEZILLA**  
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  
509 339-3463  
DATE  
96 10 23

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)**NJ0025411**

PERMIT NUMBER

**461A**

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **091996**

FROM

YEAR MO DAY

**96 09 01**

TO

YEAR MO DAY

**96 09 30**

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

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

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)	. . . .	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS										
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1						CONTINUOUS	
		*****	*****	****	*****	.2	.5	MG/L					CONTINUOUS	
HEAT (SUMMER) (PER HOUR) 81386 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	163	288		*****	*****	*****						CONTINUOUS	
		REPORT	443	MBTU/	*****	*****	*****	****					CONTINUOUS	
	PERMIT REQUIREMENT	MNTH AVG	DLY MAX	HR				***						
	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 B. BEZILLA**  
**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

**609 339-3453**

DATE

**96 10 23**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**

<b>NJ0025411</b>			<b>461C</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	09	01		96	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: 091996

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS			UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	22.3	24.0		0	WEEKLY GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C	WEEKLY GRAB	
PH 00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		8	*****	8		0	WEEKLY GRAB
	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU	WEEKLY GRAB	
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	4	5		0	TWICE/COMPOS MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	30 MNTH AVG	100 DLY MAX	MG/L	TWICE/COMPOS MONTH	
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1	1		0	TWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	10 MNTH AVG	15 DLY MAX	MG/L	TWICE/GRAB MONTH	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0	0		0	TWICE/COMPOS MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	35 MNTH AVG	REPORT DLY MAX	MG/L	TWICE/COMPOS MONTH	
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	8	9		0	TWICE/COMPOS MONTH **
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	50 DLY MAX	MG/L	TWICE/GRAB MONTH	
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0	0.1		0	TWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	TWICE/GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK B. BEZILLA**  
**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 10 23

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)

<b>NJ0025411</b>			<b>461C</b>				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	09	01		96	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: **091996**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS							
IRON, TOTAL (AS FE) 01045 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1.6	2.1				OTWICE/GRAB MONTH
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L			TWICE/GRAB MONTH
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.03	0.07		*****	*****	*****				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										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER											
MARK B. BEZILLA											
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 10 23											
AREA CODE NUMBER YEAR MO DAY											



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

<b>NJ0025411</b>		<b>462A</b>	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
FROM	YEAR	MO	DAY
	96	09	01
TO	YEAR	MO	DAY
	96	09	30
(20-21)(22-23)(24-25)		(26-27)(28-29)(30-31)	

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

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
 DMR NUMBER: **091996**

PARAMETER (32-37)	<div><div><div></div><div></div><div></div><div></div><div></div></div></div>	(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)	
PH	SAMPLE MEASUREMENT	*****	*****		7.9	*****	7.9			00	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	*****	*****		*****	878	878			00	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	*****	*****		*****	2	2		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	*****	*****		*****	46	46			00	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	0.193	0.193		*****	*****	*****			00	ONCE/ MONTH GRAB	
50050 1 0	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	*****		ONCE/ MONTH GRAB		
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX					***				
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
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 § 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		
MARK B. BEZILLA								609 339-3463		96	10	23
GENERAL MANAGER		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						AREA CODE	NUMBER	YEAR	MO	DAY
HOPE CREEK OPERATIONS												
TYPED OR PRINTED												

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&amp;G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

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

NJ0025411

PERMIT NUMBER

462B

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY PSE&amp;G HOPE CREEK GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

DMR NUMBER: 091996

SEWAGE W.W.

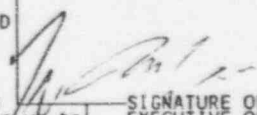
MAJOR

SOUTHERN REGION

SALEM

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)	
		REPORT MNTH AVG	REPORT DLY MAX		REPORT MNTH AVG	REPORT DLY MAX					
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT		130	130		*****	1047	1047		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		3.6	3.6		*****	29.0	29.0		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
PH		*****	*****		6.4	*****	7.0		0	TWICE/WEEK	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT		*****	*****		*****	1210	1210		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		*****	*****		*****	4	4		0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	30 MNTH AVG	100 DLY MAX	MG/L		ONCE/MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE		*****	*****		*****	3	3		0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	10 MNTH AVG	15 DLY MAX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE		0.024	0.047		*****	*****	*****		0	DAILY	FLOIND
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	*****		DAILY	FLOIND

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 § 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		
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS			609 339-3463	96	10	23	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO	DAY

PERMITTEE NAME/ADDRESS

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

PERMIT NUMBER

**462B**

DISCHARGE NUMBER

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **091996**

FROM

YEAR MO DAY  
**96 09 01**

TO

YEAR MO D  
**96 09 30**

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

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

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

PARAMETER (32-37)	. . . .	(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)
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 1	< 1		0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/100	0	ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		97.2	97.2	*****		0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	87.5	REPORT	*****	PERCENT	0	ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		100	100	*****		0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	85	REPORT	*****	PERCENT	0	ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4.3	4.3		*****	34.8	34.8		0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	8.2	REPORT	KG/DAY	*****	REPORT	REPORT	MG/L	0	ONCE/MONTH	CALCTD
		MNTH AVG	DLY MAX			MNTH AVG	DLY MAX				
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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 SIG- NIFICANT 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		
MARK B. BEZILLA		609 339-3463		96	10	23
GENERAL MANAGER						
HOPE CREEK OPERATIONS		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR MO DAY
TYPED OR PRINTED						



PERMITTEE NAME/ADDRESS

NAME PSE&amp;G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

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

NJ0025411

PERMIT NUMBER

463A

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY PSE&amp;G HOPE CREEK GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

DMR NUMBER: 091996

FROM

YEAR MO DAY  
96 09 01

TO

YEAR MO DAY  
96 09 30

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

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

SOUTH STORM DRAIN

MAJOR

SOUTHERN REGION

SALEM

PARAMETER (32-37)	.	.	.	(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)	
PH				*****	*****		7.8	*****	7.8		0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE				*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	0	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED				*****	*****		*****		99		0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE				*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT				*****	*****		*****		2		0	ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE				*****	*****	****	*****	REPORT MNTH AVG	15 DLY MAX	MG/L	0	ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)				*****	*****		*****		7		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE				*****	*****	****	*****	REPORT MNTH AVG	50 DLY MAX	MG/L	0	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT				0.208	0.208		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE				REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	0	ONCE/MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARK B. BEZILLA  
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

96 10 23

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&amp;G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

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

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LOCATION LOWER ALLOWAYS CREEK, NJ 08038

FROM

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96 09 01

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PERIM STORM DRAIN

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SOUTHERN REGION

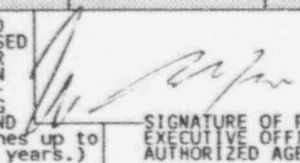
SALEM

DMR NUMBER: 091996

PARAMETER (32-37)	. . . .	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX. (62 63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS				UNITS			
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	SU	0	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	1520	1520		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	*****	*****		*****	2	2		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	*****	*****		*****	19	19		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	0.272	0.272		*****	*****	*****		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  
**MARK B. BEZILLA**  
GENERAL MANAGER  
HOPE CREEK OPERATIONS  
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
  
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