



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

Hope Creek Generating Station

50-354

January 21, 1997

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
NJPDDES PERMIT NJ0025411

Dear Sir:

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

280072

Sincerely,

Mark B. Bezilla
General Manager -
Hope Creek Operations

IE251

9701280305 961231
PDR ADOCK 05000354
R PDR

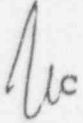
The Energy People

NJPDES

2

1/21/97

Attachments

A handwritten signature, possibly reading 'uc', is written in dark ink.

Executive Director, DRBC
USNRC - Docket number 50-354

NJPDES
Explanation of Conditions
December 1996

1/21/97

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:

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
December 1996

1/21/97

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

DSN No.

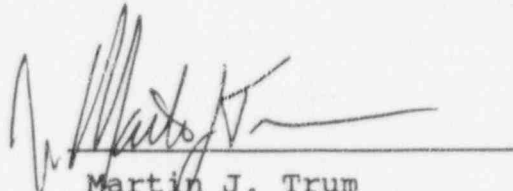
EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY

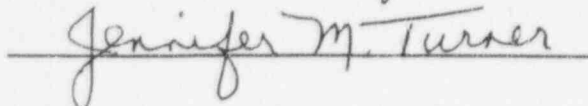
I, Martin J. Trum, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Acting 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.



Martin J. Trum
Acting General Manager -
Hope Creek Operations

Sworn and subscribed before me
this 21st. day of Jan. 1997.



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

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCESMONITORING REPORT - TRANSMITTAL SHEET

NJPDDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010215141111

112916 THRU 112916

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

NJPDDES DISCHARGE MONITORING REPORT

☒ 12 EPA FORM 3320-1OPERATING EXCEPTIONS

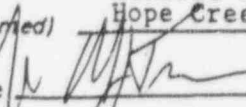
	YES	NO
DYE TESTING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TEMPORARY BYPASSING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DISINFECTION INTERRUPTION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MONITORING MALFUNCTIONS	<input type="checkbox"/>	<input 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. LasalaGrade & Registry No. N-2 (000592)Signature Date 1/21/97PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVEName (Printed) Mark B. BezillaTitle (Printed) General Manager
Hope Creek OperationsSignature Date 1/21/97

OPERATING EXCEPTIONS DETAILED

** Please refer to the attached Transmittal

Sheet Addenda.

HOURS ATTENDED AT PLANT

Month 1 12

Year 916

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

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

010121514111

1296 THRU 1296

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
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 1/31/97

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla
General Manager

Title (Printed) Hope Creek Operations

Signature [Signature]

Date 1/21/97

OPERATING EXCEPTIONS DETAILED

East Clarifier off line due to
good settling rate and lower flow rates

HOURS ATTENDED AT PLANT

Month 12

Year 96

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	8	8	8	8	8	8		8	8	8	8	8	8			8
Others							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	8			8	8	
Others						8			8			8	8			

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

1/21/97

PAGE	PARAMETER CODE	CC. VTS
<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.

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: 121996

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)	SAMPLE MEASUREMENT	(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	SAMPLE MEASUREMENT	*****	*****		*****	19.0	23.9			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	*****	*****		*****	6.6	7.9			CONTINUOUS		
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C		CONTINUOUS		
PH	SAMPLE MEASUREMENT	*****	*****		8	*****	9			OTWICE/ GRAB WEEK		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		TWICE/GRAB WEEK		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	152	176			OTWICE/ GRAB MONTH		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	68	90			OTWICE/ CALCTD MONTH		
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ CALCTD MONTH		
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	84	86			OTWICE/ GRAB MONTH		
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH		
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	< 0.50	< 0.50			OTWICE/ GRAB MONTH		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH		
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 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		DATE		
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS								609 339-3463		97	01	21
TYPED OR PRINTED	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**

FROM

YEAR MO DAY
96 12 01


TO

YEAR MO DAY
96 12 31

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

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

COOLING TOWER BLOWDOWN**MAJOR****SALEM****SOUTHERN REGION**DMR NUMBER: **121996**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (58-65)		UNITS	NO. OF ANALYSES (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		QUANTITY OR LOADING	UNITS		QUALITY OR CONCENTRATION	UNITS					
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.50	< 0.50			OTWICE/CALCTD MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	10 DLY MAX	MG/L		TWICE/CALCTD MONTH	
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	< 0.50	< 0.50			OTWICE/ GRAB MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH	
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.35	0.41			OTWICE/ GRAB MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH	
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.03	0.17			OTWICE/CALCTD MONTH **	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH	
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	0.32	0.40			OTWICE/ GRAB MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH	
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	16.0	20.0			OTWICE/ GRAB MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/GRAB MONTH	
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	6	9			OTWICE/CALCTD MONTH **	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20 DLY MAX	MG/L		TWICE/GRAB MONTH	
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 B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS TYPED OR PRINTED		 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT						609 339-3463		97 01 21	
								AREA CODE		NUMBER	

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
	96	12	01		96	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: **121996**

PARAMETER (32-37)	SAMPLE MEASUREMENT (38-41)	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (58-65)		UNITS	NO. OF EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	9.8	11.0		0	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 FROM 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 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 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
609 339-3463

AREA CODE NUMBER

DATE
97 01 21

YEAR MO DAY

SAMPLING FOR CU, 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						
YEAR	MO	DAY	TO	YEAR	MO	DAY
96	12	01		96	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: 121996

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)	
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	.6 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	*****	*****		*****	< 17.3	< 17.3		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	*****	*****		*****	< 17.3	< 17.3		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	*****	*****		*****	< 17.3	< 17.3		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	38.55	41.39		*****	*****	*****		0	CONTIN 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 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		97	01 21
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

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

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
96 12 01 96 12 31
 (20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

DMR NUMBER: 121996

PARAMETER (32-37)		(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							
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1				CONTIN UOUS
	PERMIT REQUIREMENT	*****	*****	****	*****	.2 MNTH AVG	.5 DLY MAX	MG/L			CONTIN UOUS
HEAT (WINTER) (PER HOUR) 81387 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	297	411		*****	*****	*****				CONTIN UOUS
	PERMIT REQUIREMENT	REPORT MNTH AVG	731 DLY MAX	MBTU/ HR	*****	*****	*****	**** ***			CONTIN UOUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK 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
 18 USC § 1319. (Penalties under these statutes may include fines up to
 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL
 EXECUTIVE OFFICER OR
 AUTHORIZED AGENT

TELEPHONE
609 339-3463
 AREA CODE NUMBER
 DATE
97 01 21
 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			461C				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	12	01		96	12	31
(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: 121996

PARAMETER (32-37)	SAMPLE MEASUREMENT (38-41)	(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)
		QUANTITY	LOADING		QUALITY	CONCENTRATION				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	16.3	19.6		0	WEEKLY GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	DEG. C		WEEKLY GRAB
PH	SAMPLE MEASUREMENT	*****	*****		8	*****	8		0	WEEKLY GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		WEEKLY GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM			
SOLIDS, TOTAL SUSPENDED 00530 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	30	100	MG/L		TWICE/COMPOS MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	Mnth AVG	DLY MAX			TWICE/COMPOS MONTH
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	< 0.50	< 0.50			TWICE/ GRAB MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	10	15	MG/L		TWICE/ GRAB MONTH
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	Mnth AVG	DLY MAX			TWICE/COMPOS MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	< 0.10	< 0.10			TWICE/COMPOS MONTH
CARBON, TOT ORGANIC (TOC) 00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	35	REPORT DLY MAX	MG/L		TWICE/COMPOS MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	28	31			TWICE/COMPOS MONTH **
COPPER, TOTAL (AS CU) 01042 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	50 DLY MAX	MG/L		TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	< 0.02	< 0.02			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
609 339-3463
 DATE
97 01 21
 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				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	12	01		96	12	31
(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: 121996

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OF 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)
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	1.5	2.0				OTWICE/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L			TWICE/GRAB MONTH
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	SAMPLE MEASUREMENT	0.07	0.22		*****	*****	*****				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										
	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 18 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			609 339-3463	97	01	21	
			AREA CODE	NUMBER	YEAR	MO	DAY

PERMITTEE NAME/ADDRESS

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

PERMIT NUMBER

462A

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **121996**

FROM

YEAR MO DAY

96 12 01

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

TO

YEAR MO DAY

96 12 31

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

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

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (40-53) (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			
PH	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.6		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	*****	*****		*****		13		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	*****	*****		*****	< 0.50	< 0.50		ONCE/MONTH	GRAB
00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	15	MG/L	ONCE/GRAB-3 MONTH	**
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	11	11		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	0.367	0.367		*****	*****	*****		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 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**97 01 21**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)

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
96	12	01		96	12	31
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

SEWAGE W.W.
MAJOR
SOUTHERN REGION
SALEM

DMR NUMBER: 121996

PARAMETER (32-37)	.	.	.	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		QUALITY OR CONCENTRATION (46-53)		UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT			43	43	KG/ DAY	*****	467	467	MG/L		0	ONCE/ MONTH	GRAB	
00310 G 0 RAW SEW/INFLUENT				PERMIT REQUIREMENT	REPORT MNTH AVG		REPORT DLY MAX	*****	REPORT MNTH AVG				REPORT DLY MAX	ONCE/ MONTH	GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT			1.7	1.7	KG/ DAY	*****	19.0	19.0	MG/L			ONCE/ MONTH	GRAB	
00310 1 0 EFFLUENT GROSS VALUE				PERMIT REQUIREMENT	6.0 MNTH AVG		REPORT DLY MAX	*****	REPORT MNTH AVG				REPORT DLY MAX	ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT			*****	*****	*****	7.5	*****	7.9	SU			OTWICE/ WEEK	GRAB	
00400 1 0 EFFLUENT GROSS VALUE				PERMIT REQUIREMENT	*****		*****	6.0 MINIMUM	*****				9.0 MAXIMUM	TWICE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			*****	*****	*****	*****	544	544	MG/L			ONCE/ MONTH	COMPOS	
00530 G 0 RAW SEW/INFLUENT				PERMIT REQUIREMENT	*****		*****	*****	REPORT MNTH AVG				REPORT DLY MAX	ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT			*****	*****	*****	*****	9	9	MG/L			ONCE/ MONTH	COMPOS	
00530 1 0 EFFLUENT GROSS VALUE				PERMIT REQUIREMENT	*****		*****	*****	30 MNTH AVG				100 DLY MAX	ONCE/ MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH	SAMPLE MEASUREMENT			*****	*****	*****	*****	< 1	< 1	MG/L			ONCE/ MONTH	GRAB	
00556 1 0 EFFLUENT GROSS VALUE				PERMIT REQUIREMENT	*****		*****	*****	10 MNTH AVG				15 DLY MAX	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT			0.017	0.034	MGD	*****	*****	*****	*****			0 DAILY	FLOIND	
50050 1 0 EFFLUENT GROSS VALUE				PERMIT REQUIREMENT	REPORT MNTH AVG		REPORT DLY MAX	*****	*****				*****	DAILY	FLOIND
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER											TELEPHONE		DATE		
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS											609 339-3463		97 01 21		
TYPED OR PRINTED											AREA CODE	NUMBER	YEAR	MO	DAY

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

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

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
96	12	01		96	12	31

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

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

SEWAGE W.W.

MAJOR

SALEM

SOUTHERN REGION

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

DMR NUMBER: 121996

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (45-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
COLIFORM, FECAL GENERAL		*****	*****		*****	< 1	< 1			ONCE/MONTH	GRAB
74055 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/100 ML		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE						MONTHGEO	WKLY GEO				
BOD, 5-DAY PERCENT REMOVAL		*****	*****		95.9	95.9	*****			ONCE/MONTH	CALCTD
81010 K 0	PERMIT REQUIREMENT	*****	*****	****	87.5	REPORT	*****	PERCENT		ONCE/MONTH	CALCTD
PERCENT REMOVAL					MONAVMIN	AVERAGE					
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		98	98	*****			ONCE/MONTH	CALCTD
81011 K 0	PERMIT REQUIREMENT	*****	*****	****	85	REPORT	*****	PERCENT		ONCE/MONTH	CALCTD
PERCENT REMOVAL					MONAVMIN	AVERAGE					
OXYGEN DEMAND FIRST STAGE		2.1	2.1		*****	22.8	22.8			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				
	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
609 339-3463

DATE
97 01 21

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

463A

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **121996**

FROM

YEAR MO DAY
96 12 01TO YEAR MO DAY
96 12 31

(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)			(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			
PH	SAMPLE MEASUREMENT	*****	*****		7.5	*****	7.5			00	ONCE/ GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		00	ONCE/ GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				MONTH
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****	59	59			00	ONCE/ GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		00	ONCE/ GRAB
00530 1 1 (ADMIN)				****		MNTH AVG	DLY MAX				MONTH
EFFLUENT GROSS VALUE				****							
HYDROCARBONS, IN H2O,	SAMPLE MEASUREMENT	*****	*****		*****	< 0.50	< 0.50			0	ONCE/ GRAB
IR, CC14 EXT. CHROMAT	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	15	MG/L		0	ONCE/ GRAB-3
00551 1 0				****		MNTH AVG	DLY MAX				MONTH
EFFLUENT GROSS VALUE				****							
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	7	7			00	ONCE/ GRAB
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	50	MG/L		00	ONCE/ GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX				MONTH
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.396	0.396		*****	*****	*****			00	ONCE/
50050 1 0	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****		00	ONCE/
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX					***			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

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

97 01 21AREA
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)

NJ0025411			464A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	12	01		96	12	31
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)			

PERIM STORM DRAIN
MAJOR
SOUTHERN REGION

SALEM

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

DMR NUMBER: **121996**

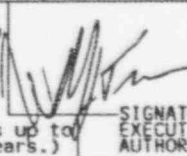
PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	*****				
PH	SAMPLE MEASUREMENT	*****	*****		7.9	*****	7.9			00	ONCE/ MONTH GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		00	ONCE/ MONTH GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				
SOLIDS, TOTAL	SAMPLE MEASUREMENT	*****	*****		*****		3			00	ONCE/ MONTH GRAB
SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	*****		REPORT			00	ONCE/ MONTH GRAB
00530 1 1 (ADMIN)				****			MNTH AVG	DLY MAX	MG/L	00	ONCE/ MONTH GRAB
EFFLUENT GROSS VALUE				****							
HYDROCARBONS, IN H2O,	SAMPLE MEASUREMENT	*****	*****		*****		0			0	ONCE/ MONTH GRAB
IR, CC14 EXT. CHROMAT	PERMIT REQUIREMENT	*****	*****	****	*****		REPORT	15	MG/L	00	ONCE/ MONTH GRAB-3
00551 1 0				****			MNTH AVG	DLY MAX		00	ONCE/ MONTH GRAB
EFFLUENT GROSS VALUE				****							
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		15			00	ONCE/ MONTH GRAB
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****		REPORT	50	MG/L	00	ONCE/ MONTH GRAB
EFFLUENT GROSS VALUE				****			MNTH AVG	DLY MAX		00	ONCE/ MONTH GRAB
FLOW, IN CONDUIT OR	SAMPLE MEASUREMENT	0.517	0.517		*****	*****	*****			00	ONCE/ MONTH GRAB
THRU TREATMENT PLANT	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****		00	ONCE/ MONTH GRAB
50050 1 0		MNTH AVG	DLY MAX					***		00	ONCE/ MONTH GRAB
EFFLUENT GROSS VALUE											
	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 97 01 21

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.