



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

Hope Creek Generating Station

March 23, 1994

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 February 1994.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection and Energy (NJDEPE). 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 NJDEPE, 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,

Robert J. Hovey
General Manager -
Hope Creek Operations

9404060126 940228
PDR ADOCK 05000354
R PDR

The Energy People

NJPDES

2

3/23/94

WGM
CW:eaj
Attachments

C Executive Director, DRBC
USEPA - Dr. Richard Baker
USNRC

NJPDES

3/23/94

Explanation of conditions
February 1994

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 NJDEPE certified laboratories:

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

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

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

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

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

NJPDES
Explanation of Exceedances
February 1994

3/23/94

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

DSN No.

EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY

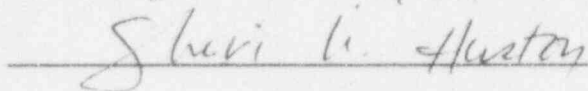
I, Robert J. Hovey, of full age, being duly sworn according to law, upon my oath depose and say:

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.



Robert J. Hovey
General Manager -
Hope Creek Operations

Sworn and subscribed before me
this 23 day of March 1994.



SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 30, 1998

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

PAGE	PARAMETER	COMMENTS
<u>461A</u>		
	NOTES	
2	00665 2 1	* Net values calculated from grab samples.
2	00680 2 1	
<u>461C</u>		
6	00530 1 0	* Sample frequency was three/month. Additional sample was obtained for lab QC/split analysis.
6	00680 1 1	* Samples obtained were composites in accordance with permit requirements.
<u>462A</u>		
8	00551 1 0	* Unable to meet sampling criteria due to discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only.
<u>463A</u>		
11	00551 1 0	* Unable to meet sampling criteria due to discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only.
<u>464</u>		
12	00551 1 0	* Unable to meet sampling criteria due to discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

01025411

0294 THRU 0294

PERMITTEE: Name Public Service Electric & Gas Company

Address P.O. Box 236

Hancocks Bridge, NJ 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, NJ (County) Salem

Telephone (609) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

T-VWX-007 T-VWX-008 T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

T-VWX-010A T-VWX-010B

WASTEWATER REPORTS

T-VWX-011 T-VWX-012 T-VWX-013

GROUNDWATER REPORTS

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

NPDES 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) Peter R. LaSala

Grade & Registry No. (N-2) N-0939

Signature *Peter R. LaSala*

Date 3/23/94

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

Title (Printed) General Manager Hope Creek Operations

Signature *Robert J. Hovey*

Date 3/23/94

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

01025411

0294 THRU 0294

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 (County) Salem
Telephone 609 1 339-3463

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	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TEMPORARY BYPASSING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DISINFECTION INTERRUPTION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MONITORING MALFUNCTIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UNITS OUT OF OPERATION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
OTHER	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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

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

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

LICENSED OPERATOR

Name (Printed) Andres Nurk
Grade & Registry No. S-4 (S4542)
Signature *Andres Nurk*
Date 3/7/94

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey
Title (Printed) General Manager
Hope Creek Operations
Signature *Robert J. Hovey*
Date 3/23/94

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PSE&G
ADDRESS P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08038
FACILITY PSE&G HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038
DMR NUMBER: 94020425

NJ0025411
PERMIT NUMBER

461A
DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004

COOLING TOWER BLEEDDOWN
MAJOR SALEM
SOUTHERN REGION
NOTE: Read instructions before completing this form.

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
94	02	01		94	02	28	
(20-21)		(22-23)		(24-25)		(26-27)	
		(28-29)		(30-31)			

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE XXX	MAXIMUM XXX	UNITS	MINIMUM XXX	AVERAGE XXX	MAXIMUM XXX			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	*****	*****			*****	17.1	21.3	0	CONTINUOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	35.60000 DLY Max	DEG.C	CONTINUOUS	
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM	*****	*****			*****	1.0	3.0	0	CONTINUOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	DEG.C	CONTINUOUS	
PH 00400 1 0 EFFLUENT GROSS VALUE	*****	*****			*****	8	9	0	TWICE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	6.00000 MINIMUM	9.00000 MAXIMUM	SU	TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	*****	*****			*****	140	162	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	TWICE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0 EFFLUENT NET VALUE	*****	*****			*****	88	128	0	TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	TWICE/MONTH	CALCTD
SOLIDS, TOTAL SUSPENDED 00530 7 0 INTAKE FROM STREAM	*****	*****			*****	52	71	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	TWICE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	*****	*****			*****	<0.10	<0.10	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Robert J. Hovey
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 WITH 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 U.S.C. 1001 AND 33 U.S.C. § 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
[Signature]

TELEPHONE
609 339-3463
DATE
94 03 23

CONTINUED EXPLANATION OF ANY VIOLATIONS OR NON-DETERMINATION OF COMPLIANCE IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

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

NJ0025411 PERMIT NUMBER
461A DISCHARGE NUMBER

Form Approval
 OMB No. 2040-0004

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

MONITORING PERIOD
 FROM YEAR 94 MO 02 DAY 01 TO YEAR 94 MO 02 DAY 28
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

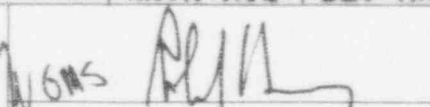
COOLING TOWER BLOWDOWN
 MAJOR SALEM
 SOUTHERN REGION
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

PARAMETER <small>(32-37)</small>	SAMPLE MEASUREMENT	QUANTITY OR LOADING <small>(3 Card Only) (46-53)</small>			QUALITY OR CONCENTRATION <small>(4 Card Only) (54-61)</small>			NO. EX <small>(62-63)</small>	FREQUENCY OF ANALYSIS <small>(64-68)</small>	SAMPLE TYPE <small>(69-70)</small>
		AVERAGE	PERMIT	UNITS	AVERAGE	PERMIT	UNITS			
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.10	<0.10	0	TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	10.00000 DLY MAX		TWICE/MONTH	CALCTD
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	<0.10	<0.10	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.18	0.20	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	-0.03	0.07	0	TWICE/MONTH	CALCTD*
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	0.20	0.28	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX		TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	8.5	11	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX		TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	2	4	0	TWICE/MONTH	CALCTD*
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	20.00000 DLY MAX		TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Robert J. Hovey
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 U.S.C. § 1001 AND 33 U.S.C. § 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 NUMBER: 609 339-3463
 DATE: 94 03 23

COMPLIANCE WITH FEDERAL AND STATE REQUIREMENTS FOR MONITORING OF TOXIC SUBSTANCES IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS. * Refer to attached Transmittal Sheet Addenda.

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

Form Approved
OMB No. 2040-0004

Approval Expires 06-30-94
COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION
NOTE: Read instructions before completing this form.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PSE&G
ADDRESS P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08038
FACILITY PSE&G HOPE CREEK GENERATING ST.
LOCATION LOWER ALLOWAYS CREEK, NJ 08038
DMR NUMBER: 94020425

NJ0025411
PERMIT NUMBER
461A
DISCHARGE NUMBER
MONITORING PERIOD
FROM YEAR 94 MO 02 DAY 01 TO YEAR 94 MO 02 DAY 28
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

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)	FREQUENCY OF ANALYSIS (54-61)	SAMPLE TYPE (64-68)
		AVERAGE (46-53)	MAXIMUM (54-61)		MINIMUM (38-45)	AVERAGE (46-53)				
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	6.0	7.0		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	-	-	-
	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	-	-	-
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20000 DLY MAX	MG/L		TWICE/MONTH CALC
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	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	-	-	-
	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	-	-	-
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20000 DLY MAX	MG/L		TWICE/MONTH CALC
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/MONTH GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Robert J. Hovey
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 U.S.C. § 1001 AND 33 U.S.C. § 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
Robert J. Hovey

TELEPHONE
609 339-3463

DATE
94 03 23

AREA CODE NUMBER YEAR MO DAY

COOLING TOWER BLOWDOWN MONITORING REPORT (DMR) IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

Form Approved.

OMB No. 2040-0004

Approval expires 03-31-94

FACILITY PSE&G HOPE CREEK GENERATING ST

LOCATION LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	02	01		94	02	28
	(20-21)	(22-31)	(24-25)		(26-27)	(28-29)	(30-31)

COOLING TOWER BLOWDOWN
 MAJOR SALEM
 SOUTHERN REGION
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		X	X	X	X	X	X				
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	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		-	-	-
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		TWICE/MONTH	CALCTD
ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI		-	-	-
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.000004	<0.000004		0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	UG/L		TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.000004	<0.000004		0	TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	UG/L		TWICE/MONTH	CALCTD
ASBESTOS (FIBROUS) 34225 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	<0.000004	<0.000004		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		36.5	49.3	*****	*****	*****		0	CONTINUOUS	
	PERMIT REQUIREMENT		REPORT Mnth Avg	REPORT Dly Max	*****	*****	*****	MGD	****	CONTINUOUS	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Robert J. Hovey
 General Manager
 Hope Creek Operations

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

Robert J. Hovey
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463 94 03 23

AREA CODE

NUMBER

YEAR

MO

DAY

SAMPLING FOR TOXIC SUBSTANCES IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

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

Form Approved.
 OMB No. 2040-0004

Approval expires 12-31-94
COOLING TOWER BLOWDOWN
 MAJOR SALEM
 SOUTHERN REGION
 NOTE: Read instructions before completing this form.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME PSE&G
 ADDRESS P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08038
 FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 94020425

NJ0025411
 PERMIT NUMBER

461A
 DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	02	01		94	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (3 Card Only) (46-53)		UNITS	QUALITY OR CONCENTRATION (4 Card Only) (38-45)			UNITS	NO EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-51)	MAXIMUM (52-53)		MINIMUM (38-41)	AVERAGE (42-43)	MAXIMUM (44-45)				
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	MG/L	0	CONTINUOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	20000 Mnth Avg	50000 Dly Max			CONTINUOUS	
HEAT (WINTER) (PER HOUR) 81387 2 1 (ADMIN) EFFLUENT NET VALUE	SAMPLE MEASUREMENT	365	430	MBTU/HR	*****	*****	*****	****	0	CONTINUOUS	CALCTD
	PERMIT REQUIREMENT	REPORT Mnth Avg	731.0000 Dly Max		*****	*****	*****	****		CONTINUOUS	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Robert J. Hovey General Manager Hope Creek Operations TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Wons PLH</i>	609 AREA CODE	339-3463 NUMBER	94 YEAR	03 MO

COMPLETION AND EXPLANATION OF ANY VIOLATIONS (Reference to permit conditions)
 SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

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

NJ0025411
 PERMIT NUMBER

461C
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004

Approved by 10-31-94
LOW VOLUME WASTE SYSTEM
MAJOR SALEM
SOUTHERN REGION
 NOTE: Read instructions before completing this form.

FACILITY PSEEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 94020425

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	02	01		94	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING			(4 Card Only) QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		(46-53)	(54-61)	UNITS	(38-45)	(46-53)	(54-61)			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	*****	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		WEEKLY	GRAB
PH	*****	*****	*****	*****	*****	*****	*****	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0	*****	*****	*****	*****	*****	*****	*****	0	TWICE/MONTH*	COMPOS
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		TWICE/MONTH	COMPOS
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	*****	*****	*****	*****	*****	*****	*****	0	TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		TWICE/MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0	*****	*****	*****	*****	*****	*****	*****	0	TWICE/MONTH	COMPOS
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		TWICE/MONTH	COMPOS
CARBON, TOT ORGANIC (TOC) 00680 1 1	*****	*****	*****	*****	*****	*****	*****	0	TWICE/MONTH	COMPOS*
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0	*****	*****	*****	*****	*****	*****	*****	0	TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	*****		TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Robert J. Hovey 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 U.S.C. § 1001 AND 33 U.S.C. § 1318. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE 609 339-3463	DATE			
			94	03	23	
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Robert J. Hovey</i>		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Refer to attached Transmittal Sheet Addenda.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

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

NJ0225411
 PERMIT NUMBER

461C
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004

FACILITY PSEEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD
 FROM YEAR 94 MO 02 DAY 01 TO YEAR 94 MO 02 DAY 28
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Approval expires 10-31-94
LOW VOLUME WASTE WATER SYSTEM
MAJOR SALEM
SOUTHERN REGION
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

PARAMETER <small>(32-37)</small>	SAMPLE MEASUREMENT PERMIT REQUIREMENT	<small>(3 Card Only)</small> QUANTITY OR LOADING <small>(46-53)</small>			<small>(4 Card Only)</small> QUALITY OR CONCENTRATION <small>(38-45)</small>			NO. EX <small>(62-63)</small>	FREQUENCY OF ANALYSIS <small>(64-65)</small>	SAMPLE TYPE <small>(69-70)</small>
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	UNITS			
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0.80	0.89	0	TWICE/MONTH	GRAB
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	0.06	0.20		*****	*****	*****	0	CONTINUOUS	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	45000 DLY MAX	MGD	*****	*****	*****	****	CONTINUOUS	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Robert J. Hovey
 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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Robert J. Hovey
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-3463
 DATE
 94 03 23

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME PSEEG
 ADDRESS P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08038
 FACILITY PSEEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-16) (17-19)
NJ0025411 **462A**
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR 94 MO 02 DAY 01 TO YEAR 94 MO 02 DAY 28
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

Form Approved.
 OMB No. 2040-0004
 Approved Expires 10-31-94
NORTH STORM DRAIN
MAJOR SALEM
SOUTHERN REGION
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

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 (62-67)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
PH	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.4		0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** MINIMUM	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	72	72		0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	<0.10	<0.10		0	ONCE/MONTH	GRAB *
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15.0 DLY MAX	MG/L		ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	3	3		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50.0 DLY MAX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.180	0.180		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****		ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Robert J. Hovey General Manager Hope Creek Operations TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE
		609 339-3463 AREA CODE NUMBER	94 03 23 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. * Refer to attached Transmittal Sheet Addenda.

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

NJ0025411
 PERMIT NUMBER

462B
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004

Approval expires 10-31-94

FACILITY PSEEG HOPE CREEK GENERATING ST.
 LOCATION LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	02	01		94	02	28
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

SEWAGE W.W. MAJOR SALEM
 SOUTHERN REGION
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	38.7	38.7		*****	468	468	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 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.0	2.0		*****	23.8	23.8	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	6.80000 Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	ONCE/MONTH	GRAB
PH 00400 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.7	0	TWICE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU	TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****		*****	204	204	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	16	16	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	30.00000 Mnth Avg	100.00000 Dly Max	MG/L	ONCE/MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH 00556 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	10.00000 Mnth Avg	15.00000 Dly Max	MG/L	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.017	0.040		*****	*****	*****	0	DAILY	FLOIND
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****	DAILY	FLOIND

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Robert J. Hovey
 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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

NGMS [Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 609 339-3463
 DATE: 94 03 23

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

Form Approved.
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PSEGG
ADDRESS P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08038

NJ0025411
PERMIT NUMBER

4628
DISCHARGE NUMBER

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

Approval expires 10-31-94
NOTE: Read instructions before completing this form.

FACILITY PSEGG HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
94	02	01	94	02	28
(20-21)	(22-23)	(24-25)	(26-27)	(28-29)	(30-31)

DMR NUMBER: 94020425

PARAMETER (12-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	UNITS			
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	200-20000 MONTH GEO	400-20000 WKLY GEO	#/100 ML	ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		94.9	94.9	*****	0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	87.50000 MONAVMIN	REPORT AVERAGE	*****	PERCENT	ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		92	92	*****	0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	85.00000 MONAVMIN	REPORT AVERAGE	*****	PERCENT	ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.4	2.4		*****	28.5	28.5	0	ONCE/MONTH	CALCTD
	PERMIT REQUIREMENT	8.20000 MNTH AVG	REPORT DLY MAX	KG/DAY	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Robert J. Hovey
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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Robert J. Hovey
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 339-3463
DATE
94 03 23

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

LABS:

08153 17451 77535 06431 11118

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME PSE&G

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

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

NJ0025411
 PERMIT NUMBER

463A
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004
 Approval Expires 10-31-94


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

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
94	02	01	TO	94	02	28	
(20-21)		(22-23)		(24-25)		(26-27)	
(28-29)		(30-31)					

SOUTH STORM DRAIN
MAJOR SALEM
SOUTHERN REGION
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.6	0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	50	50	0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
HYDROCARBONS, IN 1.20, IR, CC14 EXT. CHROMA	SAMPLE MEASUREMENT	*****	*****		*****	<0.10	<0.10	0	ONCE/MONTH	GRAB*
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15.00000 Dly Max		ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	3	3	0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50.00000 Dly Max		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.195	0.195		*****	*****	*****	0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****	ONCE/MONTH	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <u>Robert J. Hovey</u> General Manager Hope Creek Operations	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE			
		609 339-3463	94	03	23	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	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. * Refer to attached Transmittal Sheet Addenda.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

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) NJ0025411 (17-19) 464A
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004

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

PERIM STORM DRAIN SALEM
 MAJOR SOUTHERN REGION

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	02	01		94	02	28

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

APPROVAL PERIODS 10-31-94
 NOTE: Read instructions before completing this form.

DMR NUMBER: 94020425

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (46-53)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM		MINIMUM	AVERAGE	MAXIMUM				
PH		*****	*****		7.5	*****	7.5		0	ONCE/MONTH	GRA
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU		ONCE/MONTH	GRA
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	11	11		0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CCl4 EXT. CHROMA		*****	*****		*****	<0.10	<0.10		0	ONCE/MONTH	GRAB*
00551 1 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT MNTH AVG	15.00000 DLY MAX	MG/L		ONCE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC)		*****	*****		*****	5	5		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT MNTH AVG	50.00000 DLY MAX	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.255	0.255		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE		REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****		ONCE/MONTH	
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									
		SAMPLE MEASUREMENT									
		PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Robert J. Hovey
 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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

Robert J. Hovey
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463
 DATE 94 03 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. * Refer to the attached Transmittal Sheet Addenda.