

PSEG

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

Hope Creek Generating Station

July 21, 1993

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 N. 0025411

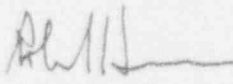
Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of June 1993.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analysis required to be performed by the above agencies. The choice of the measurement devices and analytical methods are controlled by the EPA and the NJDEP, not by the company, and there are limitations on the accuracy of such measurement devices and analytical techniques even when used and maintained as required. Accordingly, this report is not intended as an assertion that any instrument has measured, or that any reading analytical result represents the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

If you have any questions concerning this report, please feel free to contact Mr. C. E. White.

Sincerely,



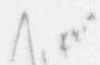
Robert J. Hovey
General Manager -
Hope Creek Operations

280670
9307290211 930630
PDR ADUCK 05000354
R PDR

NJPDES

2

7/21/93


CW:eaj
Attachments

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

NJPDES
Explanation of conditions
June 1993

7/21/93

The following explanations are included to clarify possible deviation from permit conditions.

General - The columns labeled "No. Ex", on the enclosed DMR, tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

Analytical values performed by the following NJDEP certified laboratories:

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

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

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

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

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

NJPDES
Explanation of Exceedances
June 1993

7/21/93

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.

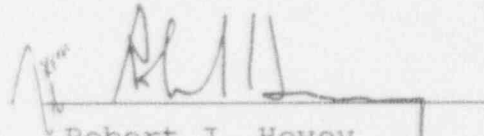
EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY

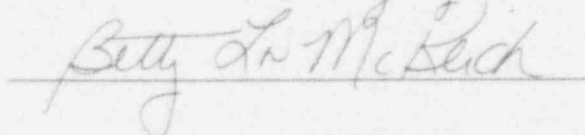
I, Robert J. Hovey, of full age, being duly sworn according to law, upon my oath depose and say:

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 21st day of July 1993.



BETTY LOU McKEICH
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES DEC. 6, 1996

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

010121514111

0693 THRU 0693

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

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

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

SLUDGE REPORTS - INDUSTRIAL

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

WASTEWATER REPORTS

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

GROUNDWATER REPORTS

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

NPDES DISCHARGE MONITORING REPORT

EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

DYE TESTING
TEMPORARY BYPASSING
DISINFECTION INTERRUPTION
MONITORING MALFUNCTIONS
UNITS OUT OF OPERATION
OTHER

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

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

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

LICENSED OPERATOR

Name (Printed) Peter Rocco La Sala
Grade & Registry No. (N-2) N-0939
Signature [Signature]
Date 7/21/93

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey
Title (Printed) General Manager
Hope Creek Operations
Signature [Signature]
Date 7/21/93

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

PAGE	PARAMETER	COMMENTS
<u>461A</u> NOTES		
1	00400 1 0 *	Sample frequency was 3/wk for week ending 6/6.
2	00665 2 1 *	NET values calculated from grab samples.
2	00680 2 1	
<u>461C</u>		
6	00680 1 1 *	Samples obtained were composites in accordance with permit requirements.
<u>462A</u>		
8	All Parameters *	Several rain events (squalls) were observed during the monitoring period, none of which resulted in discharge events. NODI entered IAW DMR Instruction Manual.
<u>462B</u>		
9	00530 1 0 *	Sample frequency was 2/month for the monitoring period.
<u>463A</u>		
11	All Parameters *	Several rain events (squalls) were observed during the monitoring period, none of which resulted in discharge events. NODI entered IAW DMR Instruction Manual.
<u>464A</u>		
12	All Parameters *	Several rain events (squalls) were observed during the monitoring period, none of which resulted in discharge events. NODI entered IAW DMR Instruction Manual.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NPDES NO.

REPORTING PERIOD

01025411

06/93 THRU 06/93

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) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

SLUDGE REPORTS - INDUSTRIAL

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

WASTEWATER REPORTS

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

GROUNDWATER REPORTS

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

NPDES DISCHARGE MONITORING REPORT

EPA FORM 3320-1

OPERATING EXCEPTIONS

	YES	NO
DYE TESTING	<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 7/21/93

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

Title (Printed) General Manager
Hope Creek Operations

Signature [Signature]

Date 7/21/93

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) 461A
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
93	06	01	TO	93	06	30
(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.

PARAMETER (32-37)	X	(5 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)
		AVERAGE XXX	MAXIMUM XXX	UNITS	MINIMUM XXX	AVERAGE XXX	MAXIMUM XXX				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	30.2	33.6	DEG-C	0	CONTINUOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	35.65000 DLY MAX			CONTINUOUS	
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	20.9	25.5	DEG-C	0	CONTINUOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	REPORT DLY MAX			CONTINUOUS	
PH 00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	8	*****	8	SU	0	TWICE/WEEK * GRAB	
	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM			TWICE/WEEK	
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	116	152	MG/L	0	TWICE/MONTH GRAB	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	REPORT DLY MAX			TWICE/MONTH	
SOLIDS, TOTAL SUSPENDED 00530 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	56	60	MG/L	0	TWICE/MONTH CALCTD	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	REPORT DLY MAX			TWICE/MONTH	
SOLIDS, TOTAL SUSPENDED 00530 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	60	92	MG/L	0	TWICE/MONTH GRAB	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	REPORT DLY MAX			TWICE/MONTH	
HYDROCARBONS, IN H2O, IR,CC14 EXT. CHROMA 00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.1	0.2	MG/L	0	TWICE/MONTH GRAB	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	REPORT DLY MAX			TWICE/MONTH	

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.

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

TELEPHONE 609 339-3463
 DATE 93 07 21
 AREA CODE NUMBER YEAR MO DAY

COMPLETION AND EXPLANATION OF ANY VIOLATIONS (Reference all applicable laws)
 SAMPLING FOR CU, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS. *Please refer to 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)

PERMIT NUMBER NJ0025411

DISCHARGE NUMBER 461A

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511


MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
93	06	01		93	06	30
(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.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (54-58)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS (46-53)	MINIMUM (46-53)	AVERAGE (46-53)	MAXIMUM (46-53)			
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	000000	000000		000000	0	<0.10		TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	10.00000 DLY MAX	MG/L	TWICE/MONTH	CALCTD
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	000000	000000		000000	0.10	0.2		TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	0.21	0.26		TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	000000	000000		000000	0.07	0.08		TWICE/MONTH	*CALCTD
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	000000	000000		000000	0.14	0.19		TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	10	14		TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	000000	000000		000000	4	6		TWICE/MONTH	*CALCTD
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	20.00000 DLY MAX	MG/L	TWICE/MONTH	GRAB

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 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 3 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE 609 339-3463
 DATE 93 07 21

COMMENT AND EXPLANATION OF ANY VIOLATIONS OF PERMIT CONDITIONS: 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 (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) 461A
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved
 OMB No. 2040-0004
 Approval expires 6-30-91.

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511


MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
93	06	01		93	06	30
		(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.

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 (64-68)	SAMPLE TYPE (69-70)
		MINIMUM	MAXIMUM		MINIMUM	MAXIMUM				
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	000000	000000	000000	MG/L	000000	6.0	8.0	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX		TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	000000	000000	000000	MG/L	000000	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX		TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	000000	000000	000000	MG/L	000000	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	20000 DLY MAX		TWICE/MONTH	CALCTD
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	000000	000000	000000	MG/L	000000	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX		TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	000000	000000	000000	MG/L	000000	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX		TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 2 0 EFFLUENT NET VALUE	000000	000000	000000	MG/L	000000	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	20000 DLY MAX		TWICE/MONTH	CALCTD
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	000000	000000	000000	MG/L	000000	NODI	NODI	-	-	-
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT MNTH AVG	REPORT DLY MAX		TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Robert J. Hovey
 General Manager
 Hope Creek Operations
 TYPED OR PRINTED

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 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-3463
 AREA CODE NUMBER
 DATE
 07 21
 YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference to permit is required)
 SAMPLING FOR CU, ZN, & CR 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 6-30-91.

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

NJ0025411
PERMIT NUMBER

461A
DISCHARGE NUMBER

MONITORING PERIOD						
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93	06	01		93	06	30
(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.

FACILITY PSE&G HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038
DMR NUMBER: 93061511

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 (54-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (46-53)	UNITS	MINIMUM (38-45)	AVERAGE (38-45)	MAXIMUM (38-45)				
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NOEI	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	*****	*****	*****	*****	<0.000007	<0.000007		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	*****	*****	*****	*****	<0.000007	<0.000007		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		47.72	57.30	*****	*****	*****		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
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.)

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

TELEPHONE
609 339-3463
AREA CODE NUMBER

DATE
93 07 21
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all violations to this page)
SAMPLING FOR CU, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

PGWARRSES 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) 461A
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

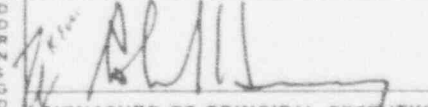
FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	93	06	01		93	06	30
	(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.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE XXXXXXXXXX	MAXIMUM XXXXXXXXXX	UNITS	MINIMUM XXXXXXXXXX	AVERAGE XXXXXXXXXX	MAXIMUM XXXXXXXXXX			
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.10	<0.10		CONTINUOUS	
	PERMIT REQUIREMENT	*****	*****	***	*****	20000 MTH AVG	50000 DLY MAX	MG/L	CONTINUOUS	
HEAT (SUMMER) (PER HOUR) 81386 2 1 (ADMIN) EFFLUENT NET VALUE	SAMPLE MEASUREMENT	273	422		*****	*****	*****	0	CONTINUOUS	CALCTD
	PERMIT REQUIREMENT	REPORT MTH AVG	443.00000 DLY MAX	MBTU/ HR	*****	*****	*****	***	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 609 339-3463 AREA CODE NUMBER	DATE 93 07 21 YEAR MO DAY		
			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 		

SAMPLING FOR CU, ZN, & CR 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)

NJ0025411

461C

PERMIT NUMBER

DISCHARGE NUMBER

Form Approved.
OMB No. 2040-0004.
Approval expires 8-30-91.

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	93	06	01		93	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

LOW VOLUME WW SYSTEM

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: 93061511

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE XXXXXX	MAXIMUM XXXXXX	UNITS	MINIMUM XXXXXX	AVERAGE XXXXXX	MAXIMUM XXXXXX				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	19.6	21.5	DEG.C	0	WEEKLY	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT Mnth Avg	REPORT Dly Max			WEEKLY	GRAB
PH 00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		7	000000	8	SU	0	WEEKLY	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000 MINIMUM	000000	900000 MAXIMUM			WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	4	4	MG/L	0	TWICE/ MONTH	COMPOS
	PERMIT REQUIREMENT	000000	000000	0000	000000	300000 Mnth Avg	1000000 Dly Max			TWICE/ MONTH	COMPOS
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMA 00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	0	0	MG/L	0	TWICE/ MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	100000 Mnth Avg	150000 Dly Max			TWICE/ MONTH	GRAB
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	0	1	MG/L	0	TWICE/ MONTH	COMPOS
	PERMIT REQUIREMENT	000000	000000	0000	000000	350000 Mnth Avg	REPORT Dly Max			TWICE/ MONTH	COMPOS
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	20	35	MG/L	0	TWICE/ MONTH	COMPOS
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT Mnth Avg	500000 Dly Max			TWICE/ MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	0.1	0.1	MG/L	0	TWICE/ MONTH	GRAB
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT Mnth Avg	20000 Dly Max			TWICE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Robert J. Hovey General Manager Hope Creek Manager 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 \$110,000 and/or maximum imprisonment of between 6 months and 5 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE		DATE		
			609	339-3463	93	07	21

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

* Refer to 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)

NJ0025411
 PERMIT NUMBER

461C
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	93	06	01		93	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

LOW VOLUME WW SYSTEM
 MAJOR SALEM
 SOUTHERN REGION

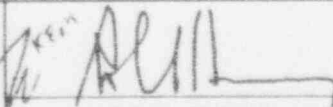
NOTE: Read instructions before completing this form.

DMR NUMBER: 93061511

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-51)	MAXIMUM (46-52)	UNITS (46-53)	MINIMUM (54-55)	AVERAGE (54-56)	MAXIMUM (54-57)	UNITS (54-58)			
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	0.00000	0.00000		0.86	0.90			0	TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.00000	0.00000	MG/L	REPORT MNTH AVG	REPORT DLY MAX				TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	SAMPLE MEASUREMENT	0.05	0.08						0	CONTINUOUS	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	0.45000 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 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 3 years)


 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-3463
 AREA CODE NUMBER
 DATE
 93 07 21
 YEAR MO DAY

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

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

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

Form Approved. OMB No. 2040-0004. Approval expires 6-30-91.

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

NJ0025411
 PERMIT NUMBER

462A
 DISCHARGE NUMBER

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	93	06	01		93	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NORTH STORM DRAIN
 MAJOR SALEM

SOUTHERN REGION

NOTE: Read instructions before completing this form.

DMR NUMBER: 93061511

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE XXXX	MAXIMUM XXXX	UNITS	MINIMUM XXXX	AVERAGE XXXX	MAXIMUM XXXX			
PH		*****	*****		NODI	*****	NODI	*	-	-
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	****	5.00000 MINIMUM	*****	9.00000 MAXIMUM	SU	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED		*****	*****	****	*****	NODI	NODI	*	-	-
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	ONCE/ MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMA		*****	*****	****	*****	NODI	NODI	*	-	-
00551 1 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT Mnth Avg	15.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB-B
CARBON, TOT ORGANIC (TOC)		*****	*****	****	*****	NODI	NODI	*	-	-
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		NODI	NODI	****	*****	*****	*****	*	-	-
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

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

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 609 339-3463
 DATE: 93 07 21

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 Transmittal Sheet Addenda.

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

NAME PSEEG
 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) 462B
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

FACILITY PSEEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
93	06	01		93	06	30
(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.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (34-61)			(4 Card Only) QUALITY OR CONCENTRATION (38-43)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		AVERAGE XXXX	MAXIMUM XXXX	UNITS	MINIMUM XXXX	AVERAGE XXXX	MAXIMUM XXXX				UNITS
BOD ₅ , 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	28.7	28.7	KG/DAY	*****	236	236	MG/L	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	KG/DAY	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	GRAB
BOD ₅ , 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.7	2.7	KG/DAY	*****	22	22	MG/L	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	6.00000 MNTH AVG	REPORT DLY MAX	KG/DAY	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.6		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	*****	*****	****	*****	298	298	MG/L	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	21	31	MG/L	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 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	2	2	MG/L	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 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.025	0.041	MGD	*****	*****	*****	****	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 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 1 year.

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

TELEPHONE 609 339-3463
 DATE 93 07 21
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 * Please refer to 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) **4628**
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	93	06	01		93	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

SEWAGE W-W
 MAJOR
 SOUTHERN REGION
 SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-51)	MAXIMUM (46-52)	UNITS (46-53)	MINIMUM (46-54)	AVERAGE (46-55)	MAXIMUM (46-56)	UNITS (46-57)			
COLIFORM, FECAL GENERAL 74055 1 0	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1		0	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200+DOGBB MONTHGEO	400+DOGBB WKLY GEO	#/100 ML		ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0	SAMPLE MEASUREMENT	*****	*****		90.7	90.7	*****		0	ONCE/MONTH	CALCTD
PERCENTREMOVAL	PERMIT REQUIREMENT	*****	*****	****	87.50000 MONAVMIN	REPORT AVERAGE	*****	PERCENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0	SAMPLE MEASUREMENT	*****	*****		90	90	*****		0	ONCE/MONTH	CALCTD
PERCENTREMOVAL	PERMIT REQUIREMENT	*****	*****	****	85.00000 MONAVMIN	REPORT AVERAGE	*****	PERCENT		ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0	SAMPLE MEASUREMENT	3.2	3.2		*****	26.4	26.4		0	ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE	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										

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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE		DATE		
			609 AREA CODE	339-3463 NUMBER	93 YEAR	07 MO	21 DAY

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

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) 463A
 PERMIT NUMBER DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREEK, NJ 08038
 DMR NUMBER: 93061511

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
93	06	01		93	06	30
(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.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE XXXX	MAXIMUM XXXX	UNITS	MINIMUM XXXX	AVERAGE XXXX	MAXIMUM XXXX	UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		NODI	*****	NODI	*	-	-	-
00400 1 0 EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	*****	*****	001.0 0000	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU	-	ONCE/ MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	0000	*****	NODI	NODI	*	-	-	-
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	PERMIT REQUIREMENT	*****	*****	0000	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	-	ONCE/ MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	0000	*****	NODI	NODI	*	-	-	-
CARBON, TOT ORGANIC (TOC)	PERMIT REQUIREMENT	*****	*****	0000	*****	REPORT MNTH AVG	15.00000 DLY MAX	MG/L	-	ONCE/ MONTH	GRAB-3
00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	0000	*****	NODI	NODI	*	-	-	-
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	*****	*****	0000	*****	REPORT MNTH AVG	50.00000 DLY MAX	MG/L	-	ONCE/ MONTH	GRAB
50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	NODI	NODI		*****	*****	*****	*	-	-	-
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	0000 000	-	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 \$100,000 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 93 07 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 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) (17-19)
 NJ0025411
 PERMIT NUMBER
 464A
 DISCHARGE NUMBER

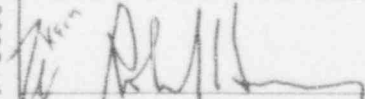
Form Approved.
 OMB No. 2040-0004.
 Approval expires 6-30-91.

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 93061511

MONITORING PERIOD
 FROM YEAR 93 MO 06 DAY 01 TO YEAR 93 MO 06 DAY 30
 (28-21) (22-23) (24-25) (26-27) (28-29) (30-31)

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

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)
		MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM				
PH	SAMPLE MEASUREMENT	*****	*****		NODI	*****		*	-	-	-
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI	*	-	-	-
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. CHROMA	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI	*	-	-	-
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15.00000 DLY MAX	MG/L		ONCE/ MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI	*	-	-	-
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50.00000 DL7 MAX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	NODI	NODI		*****	*****	*****	*	-	-	-
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	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 3 years.	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE		
TYPED OR PRINTED			609 AREA CODE	339-3463 NUMBER	93 YEAR	07 MO

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