



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

Hope Creek Generating Station

July 21, 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
NJPDDES PERMIT NJ0025411

Dear Sir:

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

290024

The Energy People

9408020091 940630
PDR ADOCK 05000354
R PDR

NJPDES

2

7/21/94

VXSM

CW:ej
Attachments

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

NJPDES
Explanation of conditions
June 1994

7/21/94

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
June 1994

7/21/94

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.

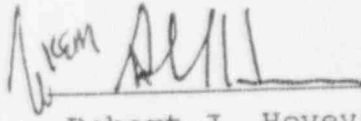
EXPLANATION

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 21 day of July 1994.



SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 30, 1995

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

000254111

0694 THRU 0694

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

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) Christopher E. White
Grade & Registry No. (N-2) (N0956)
Signature [Signature] KSM
Date 7/21/94

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey
Title (Printed) General Manager
Hope Creek Operations
Signature [Signature]
Date 7/21/94

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

PAGE	PARAMETER	COMMENTS
<u>461A</u>	NOTES	
2 of 5	00665 2 1 *	Net values calculated from grab samples.
2 of 5	00680 2 1	
<u>461C</u>		
1 of 2	00680 1 1 *	Samples obtained were composites in accordance with permit requirements.
<u>462A</u>		
1 of 1	00551 1 0 *	Unable to meet sampling criteria due to 72 HR dry period not met.
<u>463A</u>		
1 of 1	00551 1 0 *	Unable to meet sampling criteria due to 72 HR dry period not met.
<u>464</u>		
1 of 1	00551 1 0 *	Unable to meet sampling criteria due to 72 HR dry period not met.

DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0101215141111

0161914 THRU 0161914

PERMITTEE: Name Public Service Electric & Gas Company

Address P.O. Box 236

Hancocks Bridge, N.J. 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N.J. (County) Salem

Telephone 609 1 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

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☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

NJPDES DISCHARGE MONITORING REPORT

☐ EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

DYE TESTING ☐ ☒

TEMPORARY BYPASSING ☐ ☒

DISINFECTION INTERRUPTION ☐ ☒

MONITORING MALFUNCTIONS ☐ ☒

UNITS OUT OF OPERATION ☒ ☐

OTHER ☐ ☒

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

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

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

LICENSED OPERATOR

Name (Printed) Andres Nork

Grade & Registry No. S-4 (S4542)

Signature [Signature]

Date 7/15/94

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

Title (Printed) General Manager

Signature [Signature]

Date 7/21/94

East clarifier off line due to good settling rate

#1 filter off line due to influent rate being stuck in shut position 6/13-6/30

HOURS ATTENDED AT PLANT

Month 06

Year 94

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

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

461A

DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR

OMB No. 2040-0004

COOLING TOWER BLOWDOWN

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

DMR NUMBER: NJ0025411 461A 061994

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	06	01		94	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	29.5	32.2	0	CONTIN UOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	35.6000X DLY MAX	DEG.C	CONTIN UOUS	
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	25.1	28.5	0	CONTIN UOUS	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C	CONTIN UOUS	
PH 00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		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	SAMPLE MEASUREMENT	*****	*****		*****	134	188	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	SAMPLE MEASUREMENT	*****	*****		*****	20	52	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	SAMPLE MEASUREMENT	*****	*****		*****	114	136	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	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	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 OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT (SEE 18 USC § 1001 AND 33 USC § 1319). (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609

339-3463

94

07

21

AREA
CODE

NUMBER

YEAR

MO

DAY

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

PERMITTEE NAME/ADDRESS (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
PERMIT NUMBER
(17-19) 461A
DISCHARGE NUMBER

CREATED: 04/09/94 approved MAJOR
OMB No. 2040-0004

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

MONITORING PERIOD

FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

COOLING TOWER BLOWDOWN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: NJ0025411 461A 061994

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	0	TWICE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	10.0000 DLY MAX		TWICE/ MONTH	CALCTD
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	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	*****	*****		*****	0.08	0.09	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	0.02	*	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	*****	*****		*****	0.08	0.11	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	*****	*****		*****	5.4	7.2	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	*****	*****		*****	3	5	*	TWICE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20.0000 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 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
W. H. HILL

TELEPHONE
609 339-3463
AREA CODE NUMBER
DATE
94 07 21
YEAR MO DAY

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

* Please 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) (17-19)
NJ0025411
PERMIT NUMBER
461A
DISCHARGE NUMBER

CREATED: 04/09/94 Form Approved MAJOR
OMB No. 2040-0004

FACILITY PSE&G HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038
DMR NUMBER: NJ0025411 461A 061994

MONITORING PERIOD
FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

COOLING TOWER BLOWDOWN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(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	AVERAGE	MAXIMUM			
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	2.4	2.4	0	TWICE/ MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	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	-	-	-
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	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	-	-	-
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	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	-	-	-
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	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	-	-	-
COPPER, TOTAL (AS CU) 01042 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/ MONTH	CALCTD
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI	-	-	-
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	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 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
609 339-3463 94 07 21
AREA CODE NUMBER YEAR MO DAY

TELEPHONE DATE
609 339-3463 94 07 21
AREA CODE NUMBER YEAR MO DAY

COMMITTEE AND EXPLANATION OF ANY VIOLATIONS. Reference to this document is required. 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
PERMIT NUMBER

(17-19)
461A
DISCHARGE NUMBER

CREATED: 04/09/94
MAJOR
OMB No. 2040-0004

FACILITY PSE&G HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038
DMR NUMBER: NJ0025411 461A 061994

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
94	06	01		94	06	30
(20-21)		(22-23)	(24-25)	(26-27)		(28-29)

COOLING TOWER BLOWDOWN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) (46-53)		QUANTITY OR LOADING (54-61)		(4 Card Only) (38-43)		QUALITY OR CONCENTRATION (46-53)		(34-61)		NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXXX	XXXXXXX	UNITS		XXXXXXX	AVERAGE	XXXXXXX	UNITS					
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		NODI				-	-	-
	PERMIT REQUIREMENT	*****	*****	****		*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L				TWICE/GRAB MONTH	
ZINC, TOTAL (AS ZN) 01092 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****			*****		NODI				-	-	-
	PERMIT REQUIREMENT	*****	*****	****		*****	REPORT MNTH AVG	60000 DLY MAX	MG/L				TWICE/CALCTD MONTH	
ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****			*****		NODI				-	-	-
ASBESTOS (FIBROUS)	PERMIT REQUIREMENT	*****	*****	****		*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L				TWICE/GRAB MONTH	
34225 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****			*****		<0.000004	<0.000004			0	TWICE/ MONTH	GRAB
ASBESTOS (FIBROUS)	PERMIT REQUIREMENT	*****	*****	****		*****	REPORT MNTH AVG	REPORT DLY MAX	UG/L				TWICE/GRAB MONTH	
34225 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****			*****		<0.000004	<0.000004			0	TWICE/ MONTH	CALCTD
ASBESTOS (FIBROUS)	PERMIT REQUIREMENT	*****	*****	****		*****	REPORT MNTH AVG	REPORT DLY MAX	UG/L				TWICE/CALCTD MONTH	
34225 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****			*****		<0.000004	<0.000004			0	TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	PERMIT REQUIREMENT	*****	*****	****		*****	REPORT MNTH AVG	REPORT DLY MAX	UG/L				TWICE/GRAB MONTH	
50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	40.96	58.74			*****	*****	*****				0	CONTIN UOUS	
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD		*****	*****	*****	****				CONTIN UOUS	

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
Robert J. Hovey

TELEPHONE
609 339-3463
AREA CODE NUMBER
DATE
94 07 21
YEAR MO DAY

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

PERMITTEE NAME/ADDRESS (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
PERMIT NUMBER
(17-19) 461A
DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR
OMB No. 2040-0004

FACILITY PSE&G HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038
DMR NUMBER: NJ0025411 461A 061994

MONITORING PERIOD
FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

COOLING TOWER BLOWDOWN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		MINIMUM	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHLORINE, TOTAL RESIDUAL 50060 1 0	SAMPLE MEASUREMENT	*****	*****		*****	<.1	<.1		0	CONTIN UOUS	
EFFLUENT GROSS VALUE HEAT (SUMMER) (PER HOUR) 81386 2 1 (ADMIN)	PERMIT REQUIREMENT	*****	*****	**** ****	*****	20000 Mnth Avg	50000 DLY MAX	MG/L		CONTIN UOUS	
EFFLUENT NET VALUE	SAMPLE MEASUREMENT	111	193		*****	*****	*****		0	CONTIN UOUS	CALCTD
	PERMIT REQUIREMENT	REPORT Mnth Avg	443.00000 DLY MAX	MBTU/ HR	*****	*****	*****	**** ***		CONTIN UOUS	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
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
609 339-3463
DATE
94 07 21
AREA CODE NUMBER YEAR MO DAY

FOR METALS AND EXPLANATION OF ANY VIOLATIONS, SEE INSTRUCTIONS. **SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.**

PERMITTEE NAME/ADDRESS (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
PERMIT NUMBER

(17-19)
461C
DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR
OMB No. 2040-0004

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

DMR NUMBER: NJ0025411 461C 061994

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	06	01		94	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

LOW VOLUME HW SYSTEM

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NOTE: Read instructions before completing this form.		
		UNITS			UNITS			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
								(62-63)	(64-65)	(69-70)
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	25.4	36.7	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX		WEEKLY	GRAB
	SAMPLE MEASUREMENT	*****	*****		8	*****	8	0	WEEKLY	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6-***** MINIMUM	*****	9-***** MAXIMUM		WEEKLY	GRAB
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	5	6	0	TWICE/ MONTH	COMPOS
00530 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	30-***** MNTH AVG	100-***** DLY MAX		TWICE/ MONTH	COMPOS
EFFLUENT GROSS VALUE HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	0	1	0	TWICE/ MONTH	GRAB
00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	10-***** MNTH AVG	15-***** DLY MAX		TWICE/ MONTH	GRAB
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	*****		*****	0	0	0	TWICE/ MONTH	COMPOS
00610 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	35-***** MNTH AVG	REPORT DLY MAX		TWICE/ MONTH	COMPOS
EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	6	8	*	TWICE/ MONTH	COMPOS
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	50-***** DLY MAX		TWICE/ MONTH	GRAB
EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT	*****	*****		*****	<0.02	<0.02	0	TWICE/ MONTH	GRAB
01042 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20-***** DLY MAX		TWICE/ MONTH	GRAB
EFFLUENT GROSS VALUE										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN.								
Robert J. Hovey										

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

DATE

609 339-3463 94 07 21
AREA CODE NUMBER YEAR MO DAY

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

* Please see 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) 461C
PERMIT NUMBER	DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR

OMB No. 2040-0004

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

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	06	01		94	06	30
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

LOW VOLUME WW SYSTEM

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: NJ0025411 461C 061994

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53)		UNITS	(4 Card Only) (58-65)		(46-53)		MG/L	NO. EX (62-63)	FREQUENCY OF ANALYSIS (54-55)	SAMPLE TYPE (69-70)
		QUANTITY OR LOADING (54-61)	QUALITY OR CONCENTRATION (54-61)		REPORT MNTH AVG	REPORT DLY MAX						
IRON, TOTAL (AS FE) 01045 1 0	*****	*****	*****	*****	*****	1.49	1.82	0	TWICE/MONTH	GRAB		
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	*****	*****	*****	*****	*****	REPORT MNTH AVG	REPORT DLY MAX	0	TWICE/MONTH	GRAB		
EFFLUENT GROSS VALUE	0.032	0.05	*****	*****	*****	*****	*****	0	CONTINUOUS			
	REPORT MNTH AVG	0.45000	DLY MAX	MGD	*****	*****	*****	0	CONTINUOUS			
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											
	SAMPLE MEASUREMENT											
	PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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 OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463 94 07 21
AREA CODE NUMBER YEAR MO 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) (17-19)

NJ0025411
PERMIT NUMBER

462A
DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR

OMB No. 2040-0004

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

DMR NUMBER: NJ0025411 462A 061994

MONITORING PERIOD

FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NORTH STORM DRAIN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(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	XXXXXX			
PH	SAMPLE MEASUREMENT	*****	*****		7.8	*****	7.8	0	ONCE/ MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	90	90	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	*****	*****		*****	<0.1	<0.1	*	ONCE/ MONTH	GRAB
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	*****	*****		*****	6	6	0	ONCE/ MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT Mnth AVG	50.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.100	0.100		*****	*****	*****	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

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

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 | 339-3463 | 94 | 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 see 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) 462B
PERMIT NUMBER DISCHARGE NUMBER

CREATED: 04/09/94 MAJOR
OMB No. 2040-0004

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

DMR NUMBER: NJ0025411 462B 061994

MONITORING PERIOD
FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SEWAGE H.W.

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-63)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM			
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	41.8	41.8		*****	316	316	0	ONCE/ MONTH	GRAB
00310 G 0 RAW SEW/INFLUENT	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)	SAMPLE MEASUREMENT	0.7	0.7		*****	5	5	0	ONCE/ MONTH	GRAB
00310 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	6.80000 MNTH AVG	REPORT DLY MAX	KG/ DAY	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		6.6	*****	8.3	0	TWICE/ WEEK	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU	TWICE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	430	430	0	ONCE/ MONTH	COMPOS
00530 G 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	3	3	0	ONCE/ MONTH	COMPOS
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30.00000 MNTH AVG	100.00000 DLY MAX	MG/L	ONCE/ MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAY METH	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1	0	ONCE/ MONTH	GRAB
00556 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10.00000 MNTH AVG	15.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.025	0.041		*****	*****	*****	0	DAILY	FLOIND
50050 1 0 EFFLUENT GROSS VALUE	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 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 339-3463
DATE
94 07 21
AREA CODE NUMBER YEAR MO 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)

(17-19)

NJ0025411

PERMIT NUMBER

462B

DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR

OMB No. 2040-0004

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

DMR NUMBER: NJ0025411 462B 061994

MONITORING PERIOD

FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
94	06	01	94	06	30

SEWAGE W.W.

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1	0	ONCE/ MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	200.0000 MONTH GEO	400.0000 WKLY GEO	#/100 ML	ONCE/ MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****		98.4	98.4	*****	0	ONCE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	**** ****	87.50000 MONAVMIN	REPORT AVERAGE	*****	PERCE NT	ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****		99	99	*****	0	ONCE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	**** ****	85.00000 MONAVMIN	REPORT AVERAGE	*****	PERCE NT	ONCE/ MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.8	0.8		*****	6	6	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 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

94
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
PERMIT NUMBER

(17-19)
463A
DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR

OMB No. 2040-0004

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

DMR NUMBER: **NJ0025411 463A 061994**

MONITORING PERIOD

FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTH STORM DRAIN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		MINIMUM	AVERAGE	MAXIMUM	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	SU	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	*****	*****	34	34	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	*****	*****	*****	*****	<0.1	<0.1	*	ONCE/ MONTH	GRAB
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	*****	*****	*****	*****	31	31	0	ONCE/ MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50.00000 Dly Max	MG/L	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.108	0.108	*****	*****	*****	*****	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

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

94 07 21
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 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) (17-19)
NJ0025411 464A
PERMIT NUMBER DISCHARGE NUMBER

CREATED: 04/09/94 Approved MAJOR
OMB No. 2040-0004

FACILITY PSE&G HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREE, NJ 08038
DMR NUMBER: NJ0025411 464A 061994

MONITORING PERIOD
FROM YEAR 94 MO 06 DAY 01 TO YEAR 94 MO 06 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

PERIM STORM DRAIN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		MINIMUM	AVERAGE	MAXIMUM	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****		7.9	*****	7.9	0	ONCE/ MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0000X MINIMUM	*****	9.0000X MAXIMUM	SU	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	153	153	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	*****	*****		*****	<0.1	<0.1	*	ONCE/ MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	15.0000X DLY MAX	MG/L	ONCE/ MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	19	19	0	ONCE/ MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	50.0000X DLY MAX	MG/L	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.141	0.141		*****	*****	*****	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	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		
Robert J. Hovey General Manager Hope Creek Operations		609	339-3463	94	07	21
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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