



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

Hope Creek Generating Station

December 15, 1994

Chief George Corporale
Bureau of Information Systems
P. O. Box CN-029
Trenton, N. J. 08625

RE: NEW JERSEY POLLUTANT DISCHARGE
ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT
HOPE CREEK GENERATING STATION
NJPDES PERMIT NJ0025411

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek
Generating Station for the month of November 1994.

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

9412290103 941130
PDR ADOCK 05000354
R PDR

The Energy People

282040

NJPDES

2

12/15/94

Ksm
CW:eaj
Attachments

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

NJPDES
Explanation of conditions
November 1994

12/15/94

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 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 December 1993 revision of the NJDEP DMR Instruction manual and specific guidance from DEP personnel.

NJPDES
Explanation of Exceedances
November 1994

12/15/94

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 15 day of Dec 1994.



SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 31, 1998

MONITORING REPORT -- TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0 | 0 | 2 | 5 | 4 | 1 | 1 |

1 | 1 | 9 | 4 | THRU 1 | 1 | 9 | 4 |

PERMITTEE: Name Public Service Electric & Gas Company

Address P.O. Box 236

Hancocks Bridge, NJ 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, NJ (County) Salem

Telephone (609) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

SLUDGE REPORTS - INDUSTRIAL

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

WASTEWATER REPORTS

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

GROUNDWATER REPORTS

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

NPDES DISCHARGE MONITORING REPORT

12 EPA FORM 3320-1

OPERATING-EXCEPTIONS

YES NO

DYE TESTING

TEMPORARY BYPASSING

DISINFECTION INTERRUPTION

MONITORING MALFUNCTIONS

UNITS OUT OF OPERATION

OTHER

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

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

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

LICENSED OPERATOR

Name (Printed) Peter Rocco LaSala

Grade & Registry No. (N-2) 000592

Signature *[Signature]*

Date 12-15-94

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

General Manager
Hope Creek Operations

Title (Printed) *[Signature]*

Signature *[Signature]*

Date 12-15-94

OPERATING EXCEPTIONS DETAILED

Please refer to the attached Transmittal Sheet addenda.

HOURS ATTENDED AT PLANT

Month [11]

Year [914]

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	10	10	10	10	3	3	10	10	10	10	10	3	3	10	10	10
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	10	10	3	3	10	10	10	3	10	3	3	10	10	10	-	

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

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

DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

11/94 THRU 11/94

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)

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 checked="" type="checkbox"/>	<input 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 NUCK
 Grade & Registry No. S-4 000697
 Signature [Signature]
 Date 12/21/94

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey
General Manager
 Title (Printed) Hope Creek Operations
 Signature [Signature]
 Date 12-15-94

OPERATING EXCEPTIONS DETAILED

#1 filter off line due to influent valve being stuck in shut position

HOURS ATTENDED AT PLANT

Month 11

Year 74

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

PERMITTEE NAME/ADDRESS

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

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

NJ0025411			461A			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
94	11	01		94	11	30
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)			

COOLING TOWER BLOWDOWN
 MAJOR SALEM
 SOUTHERN REGION

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

DMR NUMBER: 111994

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)		UNITS	(4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	21.9	26.4		0	CONTINUOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	35.6 DLY MAX	DEG.C		CONTINUOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1	SAMPLE MEASUREMENT	*****	*****		*****	12.1	14.8		0	CONTINUOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	DEG.C		CONTINUOUS
PH	SAMPLE MEASUREMENT	*****	*****		8	*****	9		0	TWICE/WEEK GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		TWICE/WEEK GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	182	182		0	TWICE/MONTH GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH GRAB
SOLIDS, TOTAL SUSPENDED 00530 2 0	SAMPLE MEASUREMENT	*****	*****		*****	106	107		0	TWICE/MONTH CALCTD
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH CALCTD
SOLIDS, TOTAL SUSPENDED 00530 7 0	SAMPLE MEASUREMENT	*****	*****		*****	76	76		0	TWICE/MONTH GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.20	< 0.20		0	TWICE/MONTH GRAB
EFFLUENT GROSS VALUE	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]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE			
609 339-3463		94	12	15	
AREA CODE	NUMBER	YEAR	MO	DAY	

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

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

PERMITTEE NAME/ADDRESS

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

NJ0025411
PERMIT NUMBER

461A
DISCHARGE NUMBER

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

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30

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

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

DMR NUMBER: 111994

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3rd Op/ly) QUANTITY OR LOADING (46-53)			(4th Op/ly) QUALITY OR CONCENTRATION (58-65)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPL' TYPE (69-70)
		*****	*****	UNITS	*****	*****	*****				
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0	EFFLUENT NET VALUE	*****	*****	*****	*****	< 0.2	< 0.2			TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	10 DLY MAX	MG/L		TWICE/MONTH	CALCTD
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0	INTAKE FROM STREAM	*****	*****	*****	*****	< 0.20	< 0.20			TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 1	EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.42	0.73			TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 2 1	EFFLUENT NET VALUE	*****	*****	*****	*****	0.36	0.68			TWICE/MONTH	CALCTD ***
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 7 1	INTAKE FROM STREAM	*****	*****	*****	*****	0.05	0.05			TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 1	EFFLUENT GROSS VALUE	*****	*****	*****	*****	14.5	21.0			TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L		TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 1	EFFLUENT NET VALUE	*****	*****	*****	*****	8	17			TWICE/MONTH	CALCTD ***
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	20 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 18 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
609 339-3463	94 12 15
AREA CODE	NUMBER
	YEAR MO DAY

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

*** PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA

LABS: 08153 17451 77535 06431 11118

PERMITTEE NAME/ADDRESS

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

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

NJ0025411			461A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
 DMR NUMBER: **111994**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	6.0	8.1		TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI		0 NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI		0 NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	TWICE/MONTH	CALCTD
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI		0 NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI		0 NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI		0 NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	TWICE/MONTH	CALCTD
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI		0 NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
ROBERT J. HOVEY
 GENERAL MANAGER
 HOPE CREEK OPERATIONS
 TYPED OR PRINTED

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[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609 339-3463		94	12	15
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

PERMITTEE NAME/ADDRESS

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

NJ0025411
PERMIT NUMBER

461A
DISCHARGE NUMBER

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

DMR NUMBER: 111994

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. OF ANALYSIS (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		MEASUREMENT	PERMIT REQUIREMENT		MEASUREMENT	PERMIT REQUIREMENT				
ZINC, TOTAL (AS ZN) 01092 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	0	NODI	NODI
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	TWICE/MONTH	GRAB
ZINC, TOTAL (AS ZN) 01092 2 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	0	NODI	NODI
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	.6 DLY MAX	MG/L	TWICE/MONTH	CALCTD
ZINC, TOTAL (AS ZN) 01092 7 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	0	NODI	NODI
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.000004	<0.000004	UG/L	TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	UG/L	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 2 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.000004	<0.000004	UG/L	TWICE/MONTH	CALCTD
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	UG/L	TWICE/MONTH	CALCTD
ASBESTOS (FIBROUS) 34225 7 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.000004	<0.000004	UG/L	TWICE/MONTH	GRAB
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	UG/L	TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	SAMPLE MEASUREMENT	23.98	29.27	MGD	*****	*****	*****	0	CONTIN UOUS	
EFFLUENT GROSS VALUE	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]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 609 339-3463
DATE: 94 12 15
AREA CODE: NUMBER: YEAR: MO: DAY:

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

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

PERMITTEE NAME/ADDRESS

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

NJ0025411		461A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	TO YEAR MO DAY
94	11	01	94 11 30
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

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

DMR NUMBER: 111994

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1			CONTINUOUS
50060 1 0	PERMIT REQUIREMENT	* / ****	*****	****	*****	.2	.5			CONTINUOUS
EFFLUENT GROSS VALUE						MNTH AVG	DLY MAX			
HEAT (WINTER) (PER HOUR)	SAMPLE MEASUREMENT	146	218		*****	*****	*****			CONTINUALCTD
81387 2 1	PERMIT REQUIREMENT	REPORT	731	MBTU/HR	*****	*****	*****	****		CONTINUALCTD
EFFLUENT NET VALUE		MNTH AVG	DLY MAX					***		
	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]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609 339-3463		94	12	15
AREA CODE	NUMBER	YEAR	MO	DAY

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

PERMITTEE NAME/ADDRESS

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

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

NJ0025411			461C				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

LOW VOLUME WW SYSTEM
 MAJOR SALEM
 SOUTHERN REGION

FACILITY PSE&G HOPE CREEK GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK, NJ 08038
 DMR NUMBER: 111994

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
		*****	*****	UNITS	*****	*****	*****						
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	18.3	19.6	DEG.C		WEEKLY	GRAB		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX			WEEKLY	GRAB		
PH	SAMPLE MEASUREMENT	*****	*****	*****	8	*****	8			WEEKLY	GRAB		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		WEEKLY	GRAB		
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	4			OTWICE/ MONTH	COMPOS		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30 MNTH AVG	100 DLY MAX	MG/L		TWICE/ MONTH	COMPOS		
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.2	< 0.2			OTWICE/ MONTH	GRAB		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10 MNTH AVG	15 DLY MAX	MG/L		TWICE/ MONTH	GRAB		
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 1	< 1			OTWICE/ MONTH	COMPOS		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	35 MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ MONTH	COMPOS		
CARBON, TOT ORGANIC (TOC) 00680 1 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	6	9			OTWICE/ MONTH	COMPOS		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	50 DLY MAX	MG/L		TWICE/ MONTH	GRAB		
COPPER, TOTAL (AS CU) 01042 1 0	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.02	< 0.02			OTWICE/ MONTH	GRAB		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L		TWICE/ MONTH	GRAB		
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	12	15
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT								AREA CODE	NUMBER	YEAR	MO	DAY

*** Please refer to the attached Transmittal Sheet addenda

PERMITTEE NAME/ADDRESS

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


NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-18) (17-19)

NJ0025411			461C				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

LOW VOLUME WW SYSTEM
 MAJOR SALEM
 SOUTHERN REGION

FACILITY PSE&G HOPE CREEK GENERATING STATION
 LOCATION LOWER ALLOWAYS CREEK, NJ 08038
 DMR NUMBER: 11194

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0.72	0.83			TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L		TWICE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.03	0.05		*****	*****	*****			CONTINUOUS	
	PERMIT REQUIREMENT	REPORT Mnth Avg	.45 Dly Max	MGD	*****	*****	*****	****		CONTINUOUS	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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	12	15	

PERMITTEE NAME/ADDRESS

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

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

NJ0025411		462A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
YEAR	MO	DAY	TO YEAR MO DAY
94	11	01	94 11 30
(20-21)(22-23)(24-25)		(26-27)(28-29)(30-31)	

NORTH STORM DRAIN
MAJOR SALEM
SOUTHERN REGION


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

DMR NUMBER: 11194

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53) (54-61)		(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS				
PH	SAMPLE MEASUREMENT	*****	*****		7.9	*****	7.9	0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	6	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	*****	*****	****	*****	< 0.2	< 0.2	0	ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	15 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 DLY MAX	MG/L	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.140	0.140	MGD	*****	*****	*****	0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	ONCE/MONTH	***
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
ROBERT J. HOVEY
GENERAL MANAGER
HOPE CREEK OPERATIONS
TYPED OR PRINTED

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


SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609	339-3463	94	12	15
AREA CODE	NUMBER	YEAR	MO	DAY

SAMPLES TO BE TAKEN DURING A DISCHARGE EVENT, EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS & IS PRECEDED BY MINIMUM DRY PERIOD OF 72 HRS. ***Please refer to the attached Transmittal Sheet addenda.

PERMITTEE NAME/ADDRESS

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

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

NJ0025411		462B					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

SEWAGE W.W.
 MAJOR SALEM
 SOUTHERN REGION

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

DMR NUMBER: 11194

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53)		UNITS	NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		REPORT Mnth Avg	REPORT Dly Max		REPORT Mnth Avg	REPORT Dly Max				
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	85.8	85.8	KG/DAY	*****	885.0	885.0	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
BOD, 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.9	2.9	KG/DAY	*****	30.0	30.0	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	6.0	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		6.9	*****	7.8	0	TWICE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		TWICE/WEEK	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM			
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	****	*****	287	287	0	ONCE/COMPOS MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/COMPOS MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	2	2	0	ONCE/COMPOS MONTH	
	PERMIT REQUIREMENT	*****	*****	****	*****	30	100		ONCE/COMPOS MONTH	COMPOS
				****		Mnth Avg	Dly Max			
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	< 1	< 1	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	10	15		ONCE/MONTH	GRAB
				****		Mnth Avg	Dly Max			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.018	0.032	MGD	*****	*****	*****	0	DAILY	FLOIND
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****	DAILY	FLOIND
				****				***		

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 39 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		DATE	
609 339-3463		94	12 15
AREA CODE	NUMBER	YEAR	MO DAY

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

PERMITTEE NAME/ADDRESS

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

NJ0025411
PERMIT NUMBER

462B
DISCHARGE NUMBER

SEWAGE W.W.
MAJOR SALEM
SOUTHERN REGION

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

MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
94	11	01	94	11	30
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)		

DMR NUMBER: 11194

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (46-53) (54-61)			UNITS	NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
COLIFORM, FECAL GENERAL 74055 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 1	< 1		0	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/100 ML		ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0	SAMPLE MEASUREMENT	*****	*****	****	96.6	96.6	*****		0	ONCE/MONTH	CALCTD
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	87.5	REPORT AVERAGE	*****	PERCENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0	SAMPLE MEASUREMENT	*****	*****	****	99	99	*****		0	ONCE/MONTH	CALCTD
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	REPORT AVERAGE	*****	PERCENT		ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0	SAMPLE MEASUREMENT	3.5	3.5		*****	36.0	36.0		0	ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8.2	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]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE: 609 339-3463
DATE: 94 12 15
AREA CODE: NUMBER YEAR MO DAY

PERMITTEE NAME/ADDRESS

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

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


NJ0025411			463A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

SOUTH STORM DRAIN
 MAJOR SALEM
 SOUTHERN REGION

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

DMR NUMBER: 11194

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (46-53)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		MEASUREMENT	PERMIT REQUIREMENT		MEASUREMENT	PERMIT REQUIREMENT	MEASUREMENT				
PH	SAMPLE MEASUREMENT	*****	*****		7.3	*****	7.3		0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		54		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		0	ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15 Dly Max	MG/L		ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		30		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50 Dly Max	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.152	0.152		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****		ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER ROBERT J. HOVEY GENERAL MANAGER HOPE CREEK OPERATIONS TYPED OR PRINTED	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE		DATE		
			609 339-3463	94	12	15	

SAMPLES TO BE TAKEN DURING A DISCHARGE EVENT, EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS & IS PRECEDED BY MINIMUM DRY PERIOD OF 72 HRS. *** Please refer to the attached Transmittal Sheet addenda.

PERMITTEE NAME/ADDRESS

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

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

NJ0025411		464A					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	94	11	01		94	11	30
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

PERIM STORM DRAIN
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
 DMR NUMBER: **11194**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		MEASUREMENT	PERMIT REQUIREMENT		MEASUREMENT	PERMIT REQUIREMENT	MEASUREMENT				
PH	SAMPLE MEASUREMENT	*****	*****		7.8	*****	7.8		0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		54		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	*****	*****		*****	< 0.2	< 0.2		0	ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15 Dly Max	MG/L		ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		6		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50 Dly Max	MG/L		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.198	0.198		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****		ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
ROBERT J. HOVEY
 GENERAL MANAGER
 HOPE CREEK OPERATIONS
 TYPED OR PRINTED

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

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609	339-3463	94	12	15
AREA CODE	NUMBER	YEAR	MO	DAY

SAMPLES TO BE TAKEN DURING A DISCHARGE EVENT, EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS & IS PRECEDED BY MINIMUM DRY PERIOD OF 72 HRS. *** Please refer to the attached Transmittal Sheet addenda.