



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

Hope Creek Generating Station

November 22, 1995

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 October 1995.

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,

Mark E. Reddemann
General Manager -
Hope Creek Operations

050042

9512050063 951031
PDR ADOCK 05000354
R PDR

JE23

NJPDES

2

11/22/95

W
CW:ej
Attachments

C Executive Director, DRBC
USNRC - Docket number 50-354

NJPDES
Explanation of conditions
October 1995

11/22/95

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
October 1995

10/22/95

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.

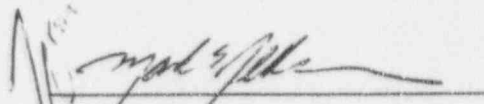
EXPLANATION

No Exceedances

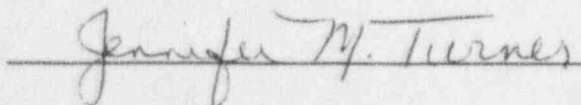
COUNTY OF SALEM
STATE OF NEW JERSEY

I, Mark E. Reddemann, 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.


Mark E. Reddemann
General Manager -
Hope Creek Operations

Sworn and subscribed before me
this 22nd day of Nov. 1995.


Jennifer M. Turner

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

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

110915 THRU 110915

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

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

Telephone 1 609 1 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

SLUDGE REPORTS - INDUSTRIAL

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

WASTEWATER REPORTS

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

GROUNDWATER REPORTS

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

NJPDES DISCHARGE MONITORING REPORT

EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

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

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

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

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

LICENSED OPERATOR

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Peter R. Lasala

Name (Printed) Mark E. Reddemann

Grade & Registry No. N-2 (000592)

Title (Printed) General Manager
Hope Creek Operations

Signature *[Signature]*

Signature *[Signature]*

Date 11/22/95

Date 11/22/95

OPERATING EXCEPTIONS DETAILED

** Please refer to the attached Transmittal sheet addenda.

HOURS ATTENDED AT PLANT

Month 110 Year 915

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
Others	3	10	10	10	10	10	3	3	10	10	10	10	10	3	3	10
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator	8	8	8	8	-	-	8	8	8	-	-	-	-	-	8	
Others	10	10	10	10	3	3	10	10	10	10	10	3	3	10	10	

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

11/22/95

PAGE	PARAMETER CODE	COMMENTS
<u>461A</u>		
2 of 12	00665 2 1 ** 00680 2 1 **	Net values calculated from grab sample results.
<u>461C</u>		
6 of 12	00680 1 1 **	Samples obtained were composites in accordance with permit requirements.
<u>462A</u>		
8 of 12	00551 1 0 **	Grab 3 sampling criteria not met due to the 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 **	Grab 3 sampling criteria not met due to the 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 **	Grab 3 sampling criteria not met due to the discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only.

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

11/19/95 THRU 11/19/95

PERMITTEE: Name Public Service Electric & Gas

Address P.O. Box 236

Hancocks Bridge, N.J. 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N.J. (County) Salem

Telephone (609) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

SLUDGE REPORTS - INDUSTRIAL

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

WASTEWATER REPORTS

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

GROUNDWATER REPORTS

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

NJPDES DISCHARGE MONITORING REPORT

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

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Andres Nurk

Name (Printed) Mark E. Reddemann

Grade & Registry No. S4 (000697)

Title (Printed) Hope Creek Operations

Signature Andres Nurk

Signature Mark E. Reddemann

Date 11/21/95

Date 11/21/95

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			461A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	10	01		95	10	31
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)				

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	25.4	29.9		0	CONTINUOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	35.6 DLY Max	DEG.C	0	CONTINUOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1	SAMPLE MEASUREMENT	*****	*****		*****	19.4	22.1		0	CONTINUOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	DEG.C	0	CONTINUOUS
PH 00400 1 0	SAMPLE MEASUREMENT	*****	*****		8	*****	9		0	TWICE/GRAB WEEK
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6	MINIMUM	9	SU	0	TWICE/GRAB WEEK
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	138	155		0	TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	0	TWICE/GRAB MONTH
SOLIDS, TOTAL SUSPENDED 00530 2 0	SAMPLE MEASUREMENT	*****	*****		*****	69	76		0	TWICE/CALCTD MONTH
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	0	TWICE/CALCTD MONTH
SOLIDS, TOTAL SUSPENDED 00530 7 0	SAMPLE MEASUREMENT	*****	*****		*****	70	79		0	TWICE/GRAB MONTH
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	0	TWICE/GRAB MONTH
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0	SAMPLE MEASUREMENT	*****	*****		*****	1.20	1.50		0	TWICE/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L	0	TWICE/GRAB MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
GENERAL MANAGER
HOPE CREEK OPERATIONS
TYPED OR PRINTED

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

TELEPHONE
609 339-3463

DATE
95 11 22

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
[Signature]

AREA CODE NUMBER YEAR MO DAY

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

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

NJ0025411
PERMIT NUMBER
461A
DISCHARGE NUMBER
MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
95 10 01 95 10 31
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	*****				
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0	0	MG/L	0	TWICE/MONTH	CALCTD
		*****	*****	*****	*****	REPORT Mnth Avg	10 DLY Max	MG/L		TWICE/MONTH	CALCTD
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	1.06	1.50	MG/L		TWICE/MONTH	GRAB
		*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0.34	0.36	MG/L		TWICE/MONTH	GRAB
		*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0.12	0.14	MG/L		TWICE/MONTH	CALCTD **
		*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L		TWICE/MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0.23	0.27	MG/L		TWICE/MONTH	GRAB
		*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L		TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	7	9	MG/L		TWICE/MONTH	GRAB
		*****	*****	*****	*****	REPORT Mnth Avg	REPORT DLY Max	MG/L		TWICE/MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	2	3	MG/L		TWICE/MONTH	CALCTD **
		*****	*****	*****	*****	REPORT Mnth Avg	20 DLY Max	MG/L		TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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
[Signature]
TELEPHONE
609 339-3463
DATE
95 11 22
AREA CODE NUMBER YEAR MO DAY

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

****PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.**

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 **461A**
PERMIT NUMBER DISCHARGE NUMBER

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **101995**

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	10	01		95	10	31
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	UNITS				
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	4	5	MG/L	0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	MG/L	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	MG/L	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	0	TWICE/MONTH	CALCTD
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	MG/L	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	MG/L	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	MG/L	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	.2 DLY MAX	MG/L	0	TWICE/MONTH	CALCTD
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	NODI	NODI	MG/L	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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 35 USC § 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE **609 339-3463**
DATE **95 11 22**
AREA CODE NUMBER YEAR MO DAY

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

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

NJ0025411			461A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	10	01		95	10	31
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
 DMR NUMBER: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	UNITS				
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	NODI	MG/L	0	NODI	NODI
ZINC, TOTAL (AS ZN) 01092 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT Mnth AVG	MG/L	0	TWICE/MONTH	GRAB
ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT Mnth AVG	MG/L	0	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT Mnth AVG	UG/L	0	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT Mnth AVG	UG/L	0	TWICE/MONTH	CALCTD
ASBESTOS (FIBROUS) 34225 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	*****	REPORT Mnth AVG	UG/L	0	TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	37.75	43.38	MGD	*****	*****	*****	CONTINUOUS	0	CONTINUOUS	CONTINUOUS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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	95 11 22
AREA CODE	NUMBER
	YEAR MO DAY

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

PERMITTEE NAME/ADDRESS

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (2-1) (17-19)

NJ0025411 **461A**
 PERMIT NUMBER DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
95 10 01 **95 10 31**
 (20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
 DMR NUMBER: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(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)
		QUANTITY OR LOADING	UNITS	UNITS	UNITS	UNITS	UNITS				
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1			0	CONTINUOUS
50060 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	.2	.5	MG/L			CONTINUOUS
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX				CONTINUOUS
HEAT (WINTER) (PER HOUR)	SAMPLE MEASUREMENT	138	218		*****	*****	*****			0	CONTINUALCTD
81387 2 1	PERMIT REQUIREMENT	REPORT	731	MBTU/HR	*****	*****	*****	****			CONTINUALCTD
EFFLUENT NET VALUE		REPORT	DLY MAX					***			CONTINUOUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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: **95 11 22**
 AREA CODE NUMBER YEAR MO DAY

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

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

NJ0025411 **461C**
PERMIT NUMBER DISCHARGE NUMBER
MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
95 10 01 95 10 31
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

LOW VOLUME WW SYSTEM
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	*****	*****	*****	*****	*****	19.4	21.7			OWEEKLYGRAB
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	DEG.C		WEEKLYGRAB
00400 1 0	*****	*****	*****	*****	7	*****	8			OWEEKLYGRAB
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		WEEKLYGRAB
00530 1 0	*****	*****	*****	*****	MINIMUM	*****	MAXIMUM			OWEIKLYGRAB
EFFLUENT GROSS VALUE HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	PERMIT REQUIREMENT	*****	*****	****	*****	30	100	MG/L		TWICE/COMPOS MONTH
00551 1 0	*****	*****	*****	*****	*****	1	1			OWEIKLYGRAB MONTH
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	*****	*****	****	*****	10	15	MG/L		TWICE/GRAB MONTH
00610 1 0	*****	*****	*****	*****	*****	0	0			OWEIKLY/COMPOS MONTH
EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC)	PERMIT REQUIREMENT	*****	*****	****	*****	35	REPORT Dly Max	MG/L		TWICE/COMPOS MONTH
00680 1 1	*****	*****	*****	*****	*****	11	12			OWEIKLY/COMPOS MONTH **
EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU)	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50	MG/L		TWICE/GRAB MONTH
01042 1 0	*****	*****	*****	*****	*****	0.0	0.0			OWEIKLY/GRAB MONTH
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	.2	MG/L		TWICE/GRAB MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
GENERAL MANAGER
HOPE CREEK OPERATIONS
TYPED OR PRINTED

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TELEPHONE DATE
609 339-3463 95 11 22
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)
 (2-16) (17-19)

NJ0025411			461C			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
95	10	01		95	10	31
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

LOW VOLUME WW SYSTEM
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
 DMR NUMBER: **101995**

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)
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	1.26	1.70				TWICE/MONTH GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L			TWICE/MONTH GRAB
EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	SAMPLE MEASUREMENT	0.05	0.11		*****	*****	*****				CONTINUOUS
	PERMIT REQUIREMENT	REPORT MNTH AVG	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
MARK E. REDDEMANN
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		95	11	22
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			462A				
PERMIT NUMBER			DISCHARGE NUMBER				
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	10	01		95	10	31
(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: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53)			UNITS	NO. OF SAMPLES (62-63)	FREQ. OF SAMPLE (64-65)	SAMPLE TYPE (66-70)
		QUANTITY	LOADING	UNITS	QUALITY	CONCENTRATION	UNITS				
PH	SAMPLE MEASUREMENT	*****	*****		7.8	*****	7.8		1	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	1	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		9		1	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	1	ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		2		1	ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15 Dly Max	MG/L	1	ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		3		1	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50 Dly Max	MG/L	1	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.037	0.037		*****	*****	*****		1	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****	1	ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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	95 11 22	YEAR	MO DAY
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
	95	10	01		95	10	31
	(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)		

SEWAGE W.W.
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
 LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
 DMR NUMBER: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(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	UNITS	REPORT MNTH AVG	REPORT DLY MAX	UNITS				
BOD, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	91.9	91.9	KG/DAY	*****	638	638	MG/L	0	ONCE/MONTH	GRAB	
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	ONCE/MONTH	GRAB	
BOD, 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE	1.9	1.9	KG/DAY	*****	13	13	MG/L	0	ONCE/MONTH	GRAB	
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	ONCE/MONTH	GRAB	
PH 00400 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	7.5	*****	7.8	SU	0	TWICE/WEEK	GRAB	
	PERMIT REQUIREMENT	*****	*****	6.0	*****	9.0	SU	0	TWICE/WEEK	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	*****	*****	*****	*****	414	414	MG/L	0	ONCE/MONTH	COMPOS	
	PERMIT REQUIREMENT	*****	*****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	0	ONCE/MONTH	COMPOS	
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	27	27	MG/L	0	ONCE/MONTH	COMPOS	
	PERMIT REQUIREMENT	*****	*****	*****	30	100	MG/L	0	ONCE/MONTH	COMPOS	
OIL AND GREASE FREON EXTR-GRAY METH 00556 1 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	< 1	< 1	MG/L	0	ONCE/MONTH	GRAB	
	PERMIT REQUIREMENT	*****	*****	*****	10	15	MG/L	0	ONCE/MONTH	GRAB	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	0.026	0.058	MGD	*****	*****	*****	*****	0	DAILY	FLOIND	
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX	*****	*****	*****	*****	0	DAILY	FLOIND	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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	95	11	22
AREA CODE	NUMBER	YEAR	MO	DAY

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

NJ0025411 **462B**
PERMIT NUMBER DISCHARGE NUMBER
MONITORING PERIOD
FROM YEAR MO DAY TO YEAR MO DAY
95 10 01 95 10 31
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

SEWAGE W.W.
MAJOR SALEM
SOUTHERN REGION

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **101995**

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)
COLIFORM, FECAL GENERAL 74055 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 1	< 1			ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200 MONTHGEO	400 WKLY GEO	#/100 ML		ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0	SAMPLE MEASUREMENT	*****	*****		98.0	98.0	*****			ONCE/MONTH	CALCTD
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	87.5 MONAVMIN	REPORT AVERAGE	*****	PERCENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0	SAMPLE MEASUREMENT	*****	*****		93	93	*****			ONCE/MONTH	CALCTD
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85 MONAVMIN	REPORT AVERAGE	*****	PERCENT		ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0	SAMPLE MEASUREMENT	2.2	2.2		*****	15.6	15.6			ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	8.2 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
MARK E. REDDEMANN
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.)

Mark E. Reddemann
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE **609 339-3463**
DATE **95 11 22**
AREA CODE NUMBER YEAR MO DAY

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

NJ0025411		463A					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	10	01		95	10	31
(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: **101995**

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) (54-61)			UNITS	NO. EX. (62-65)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY	LOADING		MINIMUM	MAXIMUM	REPORT				
PH	SAMPLE MEASUREMENT	*****	*****		7.9	*****	7.9		0	ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	0	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		41		0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	0	ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****		1		0	ONCE/MONTH	GRAB **
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	15 Dly Max	MG/L	0	ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****		2		0	ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50 Dly Max	MG/L	0	ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.398	0.398		*****	*****	*****		0	ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****	0	ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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.)

Mark E. Reddemann
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609 339-3463		95	11	22
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.

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

NJ0025411		464A					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	95	10	01		95	10	31
(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: **101995**

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		QUANTITY OR LOADING	UNITS		QUALITY OR CONCENTRATION	UNITS					
PH	SAMPLE MEASUREMENT	*****	*****			7.3	*****	7.3		0 ONCE/MONTH	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU	0 ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****			*****		36		0 ONCE/MONTH	GRAB
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	****	*****	REPORT	REPORT	MG/L	0 ONCE/MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****			*****		2		0 ONCE/MONTH	GRAB
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	****	*****	REPORT	15	MG/L	0 ONCE/MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****			*****		16		0 ONCE/MONTH	GRAB
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	****	*****	REPORT	50	MG/L	0 ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.519	0.519			*****	*****	*****		0 ONCE/MONTH	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	*****	****	0 ONCE/MONTH	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK E. REDDEMANN
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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE	
609 339-3463		95	11 22
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.