



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

November 21, 1990

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

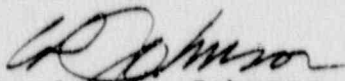
Dear Sir:

Attached Discharge Monitoring Report for the Hope Creek
Generating Station for the month of October 1990.

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,


Charles P. Johnson
General Manager -
Hope Creek Operations

9012050194 901031
PDR ADDCK 05000354
R PDC

LEAS
11

NJPDES

2

11/21/90

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CW:eaj
Attachments

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

NJPDES
Explanation of Exceedances
October 1990

11/21/90

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)

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

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.

Final approval of limit change from COD to TOC has been received. Analytical results for TOC are included.

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).

NJPDES
Explanation of Exceedances
October 1990

11/21/90

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

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

SLUDGE NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

10 19 01 THRU 11 01 91 01

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) 379-3463

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

NPSDS DISCHARGE MONITORING REPORT

12 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"/>

(Do not enter "Yes" on reverse side in appropriate space.)

NOTE: The "Shorts Avoided or Fixed" 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) John M. Hoffman II

Grade & Registry No. N0396

Signature [Signature]

Date 11/21/90

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Charles P. Johnson

Title (Printed) General Manager
Hope Creek Operations

Signature [Signature]

Date 11/21/90

MONITORING REPORT - TRANSMITTAL SHEET

NPDES NO. 00125411 REPORTING PERIOD
MO. YR. MO. YR.
10 190 THRU 11 0190

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) 370-6008

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 3020-1

OPERATING EXCEPTIONS

	YES	NO
DYE TESTING	0	1
TEMPORARY BYPASSING	0	1
DISINFECTION INTERRUPTION	0	1
MONITORING MALFUNCTIONS	0	1
UNITS OUT OF OPERATION	0	1
OTHER	0	1

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

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

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

LICENSED OPERATOR

Name (Printed) Andres Nurk
Grade & Registry No. S-4 (4542)
Signature [Signature]
Date 11-21-90

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Charles P. Johnson
Title (Printed) General Mgr. Hope Creek Ops.
Signature [Signature]
Date 11-21-90

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

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

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

PERMIT NUMBER NJ0025411 DISCHARGE NUMBER 421A

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

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08033
 DMR NUMBER: 90100394

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
90	10	01		90	10	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

COOLING TOWER SLOWDOWN
 MAJOR SALEM

SOUTHERN REGION
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX. (52-63)	FREQUENCY OF ANALYSIS (54-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (58-65)	AVERAGE (46-53)	MAXIMUM (54-61)			
TEMPERATURE, WATER EG. CENTIGRADE 0010 1 1	000000	000000			000000	25.61111	32.83333	0	cont	
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	000000	000000	0000	000000	Report 30 day avg.	000000 35.6 daily max		CONTINUOUS	
TEMPERATURE, WATER EG. CENTIGRADE 0010 7 1	000000	000000			000000	19.94444	24.16666	-	cont.	
INTAKE FROM STREAM PH	PERMIT REQUIREMENT	000000	000000	0000	000000	Report 30 day avg.	Report daily max		CONTINUOUS	
00400 1 0	000000	000000			8.30000	000000	8.70000	0	2/wk	grab
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED 00530 1 0	PERMIT REQUIREMENT	000000	000000	0000	6.00000 MINIMUM	000000	9.00000 MAXIMUM		TWICE/GRAB WEEK	
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED 00530 1 0	000000	000000			000000	137.50000	142.0000	-	2/mo	grab
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED 00530 2 0	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT 30DA AVG	REPORT DAILY MX		TWICE/GRAB MONTH	
EFFLUENT NET VALUE SOLIDS, TOTAL SUSPENDED 00530 7 0	000000	000000			000000	39.50000	70.50000	-	2/mo	calc
INTAKE FROM STREAM HYDROCARBONS, IN H2O, IR,CC14 EXT. CHROMAT 00551 1 0	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT 30DA AVG	REPORT DAILY MX		TWICE/GRAB MONTH	
EFFLUENT GROSS VALUE	000000	000000			000000	98.00000	124.50000	-	2/mo	grab
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT 30DA AVG	REPORT DAILY MX		TWICE/GRAB MONTH	
	000000	000000			000000	0.35000	0.40000	-	2/mo	grab
	PERMIT REQUIREMENT	000000	000000	0000	000000	REPORT 30DA AVG	REPORT DAILY MX		TWICE/GRAB MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Charles P. Johnson
 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 three, 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463
 DATE 90 11 21

COMMENT AND IDENTIFICATION OF ANY VIOLATIONS (reference all attachments here)
 SAMPLING FOR CU, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

MITTEE NAME/ADDRESS (Include Day Name/Location if different)
 PSECC
 P.O. BOX 236/N21
 HANCOCKS BRIDGE, NJ 08038
 FACILITY PSECC HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 MR NUMBER: 90100396

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

(2-16) NJ0025411 PERMIT NUMBER
 (17-19) 461A DISCHARGE NUMBER

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

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	10	01		90	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (34-37)			QUALITY OR CONCENTRATION (34-37)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (54-61)			
HYDROCARBONS, IN H2O, P, CC14 EXT. CHROMAT 0551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.02500	0.05000		0	2/mo calc
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		TWICE/MONTH GRAB
HYDROCARBONS, IN H2O, P, CC14 EXT. CHROMAT 0551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	0.32500	0.35000		-	2/mo grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		TWICE/MONTH GRAB
PHOSPHORUS, TOTAL (AS P) 0665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.27050	0.28300		-	2/mo grab
	PERMIT REQUIREMENT	*****	*****	****	*****	Report 30 day avg	Report Daily max	MG/L		TWICE/MONTH GRAB
PHOSPHORUS, TOTAL (AS P) 0665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.04900	0.12850		-	2/mo calc
	PERMIT REQUIREMENT	*****	*****	****	*****	Report 30 day avg	Report Daily max	MG/L		TWICE/MONTH GRAB
PHOSPHORUS, TOTAL (AS P) 0665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	****	*****	0.22150	0.28850		-	2/mo grab
	PERMIT REQUIREMENT	*****	*****	****	*****	Report 30 day avg	Report Daily max	MG/L		TWICE/MONTH GRAB
CARBON, TOT ORGANIC (TOC) 0680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	15.20000	18.40000		-	2/mo grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		TWICE/MONTH GRAB
CARBON, TOT ORGANIC (TOC) (K) 0680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	10.33750	12.90000		0	2/mo calc
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	REPORT DAILY MX	MG/L		TWICE/MONTH GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Charles P. Johnson
 General Manager
 Hope Creek Operations
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE 609 339-3463
 DATE 90 11 21
 AREA CODE NUMBER YEAR MO DAY

MONITORING AND ANALYSIS OF ANY VIOLATIONS (Reference all attachments here)
 SAMPLING FOR CU, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

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

LABS PSECC
 ADDRESS P.O. BOX 236/N21
HAMCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

NJ0025411
 PERMIT NUMBER

461A
 DISCHARGE NUMBER

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

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	10	01		90	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

DMR NUMBER: 90100394

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
CHLORINE, TOTAL RESIDUAL		*****	*****		<0.05	<0.05	<0.05	0	cont	
50060 1 0		*****	*****	****	REPORT	20000	50000		CONTIN	
EFFLUENT GROSS VALUE				****	30DA AVG	30DA AVG	DAILY MX	MG/L		
HEAT (WINTER) (PER HOUR)		153.70000	223.60000		*****	*****	*****	0	cont	calc
31387 2 0		REPORT	338.00000	MHTU/HR	*****	*****	*****	****	CONTIN	CALCTO
EFFLUENT NET VALUE		30DA AVG	DAILY MX					***		
		SAMPLE MEASUREMENT								
		PERMIT MEASUREMENT								
		SAMPLE MEASUREMENT								
		PERMIT MEASUREMENT								
		SAMPLE MEASUREMENT								
		PERMIT MEASUREMENT								
		SAMPLE MEASUREMENT								
		PERMIT MEASUREMENT								
		SAMPLE MEASUREMENT								
		PERMIT MEASUREMENT								

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Charles P. Johnson
 General Manager
 Hope Creek Operations
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 1 year.

Charles P. Johnson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
609	339-3463	90	11	21
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

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

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

(2-76) (17-79)

NJ0025411
 PERMIT NUMBER

601C
 DISCHARGE NUMBER

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

FACILITY PSEEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 90100394

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
90	10	01	TO	90	10	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

LOW VOLUME HW SYSTEM
 MAJOR SALEM

SOUTHERN REGION
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (54-61)	AVERAGE (54-61)	MAXIMUM (54-61)			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	000000	000000		000000	21.500000	25.000000	-	weekly	grab
EFFLUENT GROSS VALUE PH	PERMIT COMPLIANCE	000000	000000	0000	000000	REPORT 30 day avg.	REPORT Daily max			
00400 1 0	SAMPLE MEASUREMENT	000000	000000		7.30000	000000	7.80000	0	weekly	grab
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	PERMIT COMPLIANCE	000000	000000	0000	6.00000	000000	9.00000			
00530 1 0	SAMPLE MEASUREMENT	000000	000000		2.20000	3.00000		0	2/mo	comp
EFFLUENT GROSS VALUE HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	PERMIT COMPLIANCE	000000	000000	0000	000000	30.00000	100.00000			
00551 1 0	SAMPLE MEASUREMENT	000000	000000		0.67500	1.00000		0	2/mo	grab
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N)	PERMIT COMPLIANCE	000000	000000	0000	000000	10.00000	15.00000			
00610 1 0	SAMPLE MEASUREMENT	000000	000000		<0.10000	<0.10000		0	2/mo	comp
EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC)	PERMIT COMPLIANCE	000000	000000	0000	000000	35.00000	REPORT			
00680 1 1	SAMPLE MEASUREMENT	000000	000000		9.33750	12.60000		0	2/mo	grab
EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU)	PERMIT COMPLIANCE	000000	000000	0000	000000	REPORT	50.00000			
01042 1 0	SAMPLE MEASUREMENT	000000	000000		0.04325	0.05550		0	2/mo	grab
EFFLUENT GROSS VALUE	PERMIT COMPLIANCE	000000	000000	0000	000000	REPORT	20000			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Charles P. Johnson
 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.)

Charles P. Johnson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
AREA CODE	NUMBER	YEAR	MO	DAY
609	339-3463	90	11	21

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

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

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

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

(2-18)

(17-19)

NJ0025611
 PERMIT NUMBER

661C
 DISCHARGE NUMBER

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

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	10	01		90	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

LOW VOLUME WW SYSTEM
 MAJOR REGION SALEM
 SOUTHERN REGION

NOTE: Read instructions before completing this form.

DMR NUMBER: 90100394

PARAMETER (32-37)	X	(1 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (58-65)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (68-70)
		AVERAGE (54-55)	MAXIMUM (56-57)	UNITS (58-59)	MINIMUM (58-59)	AVERAGE (60-61)	MAXIMUM (62-63)	UNITS (64-65)			
IRON, TOTAL (AS FE)		*****	*****		*****	0.57000	0.64000		-	2/mo	grab
01045 1 0		*****	*****	****	*****	REPORT	REPORT	MG/L			SPICE/GRAB
EFFLUENT GROSS VALUE						30DA AVG	DAILY MX				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.04027	0.07658		*****	*****	*****		0	cont	
50050 1 0		REPORT	*****		*****	*****	*****	****			SPICE/GRAB
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MG/D				***			
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									
		SAMPLE MEASUREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Charles P. Johnson
 General Manager
 Hope creek - Operations

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.

Charles P. Johnson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 609 339-3463
 AREA CODE NUMBER
 DATE
 90 11 21
 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 08033

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

NJ0025411 PERMIT NUMBER
 462A DISCHARGE NUMBER

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

FACILITY: PSE&G HOPE CREEK GENERATING ST
 LOCATION: LOWER ALLOWAYS CREE, NJ 08033

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
90	10	01	TO	90	10	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

NORTH STORM DRAIN
 MAJOR SALEM
 SOUTHERN REGION

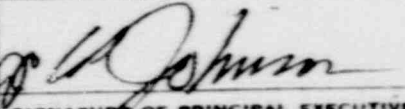
NOTE: Read instructions before completing this form.

DMR NUMBER: 90100394

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH		*****	*****		7.800000	*****	7.800000	0	1/mo	grab
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	****	6.000000	*****	9.000000		ONCE/	GRAB
50100 1 0 SOLIDS, TOTAL		*****	*****		*****	1230.00000	1230.00000	0	1/mo	grab
00530 1 0 SUSPENDED		*****	*****	****	*****	30.00000	100.00000		ONCE/	GRAB
00551 1 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT	15.00000		ONCE/	GRAB-
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT		*****	*****		*****	<0.50000	<0.50000	0	1/mo	grab-3
00551 1 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT	50.00000		ONCE/	GRAB
CARBON, TOT ORGANIC (TOC)		*****	*****	****	*****	30DA AVG	DAILY MX		ONCE/	GRAB
00680 1 1 EFFLUENT GROSS VALUE		*****	*****	****	*****	30DA AVG	DAILY MX		ONCE/	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.13092	1.31016		*****	*****	*****	-	1/mo	
50050 1 0 EFFLUENT GROSS VALUE		REPORT	REPORT	MGD	*****	*****	*****	***	ONCE/	MONTH
		30DA AVG	DAILY MX							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Charles P. Johnson
 General Manager
 Hope Creek - Operations

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE: 609 339-3463
 DATE: 90 11 21
 AREA CODE NUMBER YEAR MO DAY

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

PERMITTED NAME/ADDRESS (Include Facility Name/Location if different)
 8555
 8555
 P-5556
 P.O. BOX 236/N21
 HAWCKOCKS BRIDGE, NJ 08038

FACILITY: PSEGG HOPE CREEK GENERATING ST
 LOCATION: LOWER ALLOWAYS CREEK, NJ 08038
 DMR NUMBER: 20100394

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (12/19)
 662B
 DISCHARGE NUMBER

SEWAGE W.O.W.
 MAJOR SOUTHERN REGION
 SALEA

PARAMETER (32-37)	QUANTITY OR LOADING (34-61)			QUALITY OR CONCENTRATION (34-61)			NO. OF ANALYSIS (66-68)	FREQUENCY OF ANALYSIS (66-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-51)	MAXIMUM (46-51)	UNITS (46-51)	MINIMUM (46-51)	AVERAGE (46-51)	MAXIMUM (46-51)			
BOD, 5-DAY (20 DEG. C)	41.00000	41.00000	KG/DAY	0.00000	410.00000	MG/L	0	1/mo	grab
D0310 G O	REPORT	REPORT	KG/DAY	REPORT	REPORT	MG/L	0	1/mo	grab
RAW SEW/INFLUENT	0.80000	0.80000	KG/DAY	0.00000	8.00000	MG/L	0	1/mo	grab
BOD, 5-DAY (20 DEG. C)	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	2/wk	grab
D0310 I O	REPORT	REPORT	KG/DAY	REPORT	REPORT	MG/L	0	1/mo	comp
EFFLUENT GROSS VALUE	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
PH	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
D0400 I O	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
EFFLUENT GROSS VALUE	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
SOLIDS, TOTAL SUSPENDED	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
D0530 G O	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
RAW SEW/INFLUENT	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
SOLIDS, TOTAL SUSPENDED	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
D0530 I O	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
EFFLUENT GROSS VALUE	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
OIL AND GREASE	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
FREON EXTRA-GRAV METH	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
D0556 I O	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
EFFLUENT GROSS VALUE	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
FLOW IN CONDUIT OR THRU TREATMENT PLANT	0.02645	0.05790	MGD	0.00000	0.00000	MG/L	0	1/mo	comp
D0050 I O	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp
EFFLUENT GROSS VALUE	0.00000	0.00000	KG/DAY	0.00000	0.00000	MG/L	0	1/mo	comp

CHARLES P. JOHNSON
 General Manager
 Hope Creek Operations
 L-2000 on pointed

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER
 OFFICER ON AUTHORIZED AGENT

609 339-3463
 AREA NUMBER
 90 11 21
 YEAR MO DAY

CONSENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 (REPLACES EPA FORM T-98 WHICH MAY NOT BE USED)
 LABS:
 EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.
 PAGE 9 OF 12

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

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

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

PERMIT NUMBER
NJ0025411

BLOCK/AGE NUMBER
462B

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

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	10	01		90	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

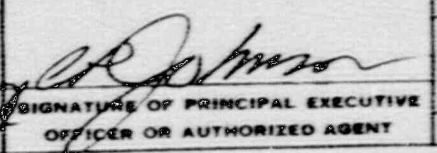
SEWAGE W.W.O.
 MAJOR SALES
 SOUTHERN REGION
 NOTE: Read instructions before completing this form.

MR NUMBER: 90100394

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (54-61)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNIT	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-69)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
COLIFORM, FECAL GENERAL 74055 1 0	SAMPLE MEASUREMENT	000000	000000		000000	<20.00000	<20.00000		0	1/mo	grab
	PERMIT MEASUREMENT	000000	000000	0000	000000	200.00000	200.00000	#/100 ML			
EFFLUENT GROSS VALUE BOD, 5-DAY PERCENT REMOVAL B1010 K 0	SAMPLE MEASUREMENT	000000	000000		98.04878	000000	000000		0	1/mo	calc
	PERMIT MEASUREMENT	000000	000000	0000	87.50000	000000	000000	PERCENT MONTHLY			
SOLIDS, SUSPENDED PERCENT REMOVAL C1011 K 0	SAMPLE MEASUREMENT	000000	000000		99.18032	000000	000000		0	1/mo	calc
	PERMIT MEASUREMENT	000000	000000	0000	85.00000	000000	000000	PERCENT MONTHLY			
OXYGEN DEMAND FIRST STAGE D2210 1 0	SAMPLE MEASUREMENT	0.96000	0.96000		000000	9.60000	9.60000		0	1/mo	calc
	PERMIT MEASUREMENT	0.20000	REPORT	KG/DAY	000000	REPORT	REPORT	MG/L			
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Charles E. Johnson
 General Manager
 Hope Creek Operations

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE		DATE		
609	339-3463	90	11	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 PSECC
 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

463A
 DISCHARGE NUMBER

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

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
90	10	01		90	10	31
(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

SOUTH STORM DRAIN

MAJOR

SALEM

SOUTHERN REGION

NOTE: Read instructions before completing this form.

DMR NUMBER: 90100394

PARAMETER (32-37)	SAMPLE MEASUREMENT	(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (46-53)	MAXIMUM (54-61)	UNITS	MINIMUM (38-45)	AVERAGE (46-53)	MAXIMUM (34-61)				
PH	SAMPLE MEASUREMENT	*****	*****		6.90000	*****	6.90000		0	1/mo	grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	318.50000	512.00000		0	1/mo	grab
00530 1 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	30.00000 30DA AVG	100.00000 DAILY MX	MG/L		ONCE/ MONTH	GRAB
HYDROCARBONS, IN H2O, IR,CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	<0.50000	<0.50000		0	1/mo	grab-3
00551 1 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	REPORT 30DA AVG	15.00000 DAILY MX	MG/L		ONCE/ MONTH	GRAB-3
CARBON, TDT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	18.47500	18.47500		0	1/mo	grab
00680 1 1 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	REPORT 30DA AVG	50.00000 DAILY MX	MG/L		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.14158	1.41681		*****	*****	*****		-	1/mo	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		ONCE/ MONTH	
	SAMPLE MEASUREMENT										
	SAMPLE MEASUREMENT										

NAME/TITLE, PRINCIPAL EXECUTIVE OFFICER

Charles P. Johnson
 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 3 years.)

Charles P. Johnson
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE

609 339-3463 90 11 21
 AREA CODE NUMBER YEAR MO DAY

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

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

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

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

(2-16) NJ0025411 (17-19) 464A
 PERMIT NUMBER DISCHARGE NUMBER

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

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	90	10	01		90	10	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

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

DMR NUMBER: 90100394

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO. EX (62-67)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE (54-55)	MAXIMUM (54-61)	UNITS (54-61)	MINIMUM (58-65)	AVERAGE (46-53)	MAXIMUM (54-61)			
PH	SAMPLE MEASUREMENT	*****	*****		7.40000	*****	7.40000	0	1/mo	grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM			ONCE/GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	11.00000	11.00000	0	1/mo	grab
00530 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30.00000 30DA AVG	100.00000 DAILY MX			ONCE/GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	<0.50000	<0.50000	0	1/mo	grab-3
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	15.00000 DAILY MX			ONCE/GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	30.25000	30.25000	0	1/mo	grab
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT 30DA AVG	50.00000 DAILY MX			ONCE/GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.18474	1.84866		*****	*****	*****	-	1/mo	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****			ONCE/MONTH
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Charles P. Johnson
General Manager
Hope Creek Operations

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

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463
 DATE 90 11 21
 AREA CODE NUMBER YEAR MO DAY

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