



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

Hope Creek Generating Station

September 18, 1996

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 August 1996.

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 B. Bezilla
General Manager -
Hope Creek Operations

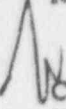
9609300201 960831
PDR ADOCK 05000354
R PDR

The Energy People

NJPDES

2

9/18/96

 CW:eaj
Attachments

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

>

NJPDES
Explanation of Conditions
August 1996

9/18/96

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)
EMSL Analytical, Inc. (04673)

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

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.

The industrial license holder's (N-2) signature is signifying the review for DSN's 461A, 461C, 462A, 463A, and 464. The S-4 license holder's signature signifies review for DSN-462B.

NJPDES
Explanation of Exceedances
August 1996

9/18/96

The following exceedances are included in the attached report
and explained below.

DSN No.

EXPLANATION

No Exceedances

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010121514111

01895 THRU 018916

PERMITTEE:

Name Public Service Electric & Gas

Address P.O. Box 236

Hancocks Bridge, NJ 08038

FACILITY:

Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, NJ (County) Salem

Telephone (609) 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

NJPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

DYE TESTING

☐ ☒

TEMPORARY BYPASSING

☐ ☒

DISINFECTION INTERRUPTION

☐ ☒

MONITORING MALFUNCTIONS

☐ ☒

UNITS OUT OF OPERATION

☐ ☒

OTHER

☐ ☒

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

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

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

LICENSED OPERATOR

Name (Printed) Peter R. Lasala

Grade & Registry No. Nr2 (000592)

Signature [Signature]

Date 9/18/96

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla

Title (Printed) General Manager
Hope Creek Operations

Signature [Signature]

Date 9/18/96

OPERATING EXCEPTIONS DETAILED

** Please refer to the attached Transmittal

Sheet Addenda.

HOURS ATTENDED AT PLANT

Month 08 Year 96

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

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

9/18/96

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 lack of a 72 hour dry period prior to discharge event. 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 lack of a 72 hour dry period prior to discharge event. 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 lack of a 72 hour dry period prior to discharge event. A single grab sample was obtained for information only.

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCESMONITORING REPORT - TRANSMITTAL SHEET

NJPDOS NO.

REPORTING PERIOD

MO. YR.

MO. YR.

010121514111

0896 THRU 0896

PERMITTEE:Name Public Service Electric & GasAddress P.O. Box 236Hancocks Bridge, N.J. 08038FACILITY:Name Hope Creek Generating StationAddress P.O. Box 236Hancocks Bridge, N.J. (County) SalemTelephone (609) 339-3463FORMS ATTACHED (Indicate Quantity of Each)SLUDGE REPORTS - SANITARY☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009SLUDGE REPORTS - INDUSTRIAL☐ T-VWX-010A ☐ T-VWX-010BWASTEWATER REPORTS☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013GROUNDWATER REPORTS☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017NJPDOS DISCHARGE MONITORING REPORT☒ 12 EPA FORM 3320-1OPERATING 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 Plants" 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 OPERATORName (Printed) Andres NurkGrade & Registry No S4 (000697)Signature Andres NurkDate 9/3/96PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVEName (Printed) Mark B. BezillaTitle (Printed) General Manager
Hope Creek OperationsSignature MBBDate 9/18/96

OPERATING EXCEPTIONS DETAILED

East clarifier off line due to good
settling rate

HOURS ATTENDED AT PLANT

Month 08

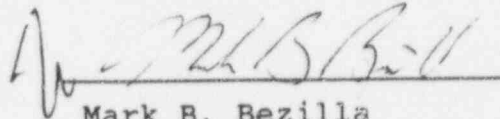
Year 96

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

COUNTY OF SALEM
STATE OF NEW JERSEY

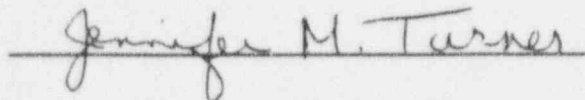
I, Mark B. Bezilla, of full age, being duly sworn according to law, upon my oath depose and say:

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 B. Bezilla
General Manager -
Hope Creek Operations

Sworn and subscribed before me
this 18th day of Sept. 1996.



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

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)

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY PSE&G HOPE CREEK GENERATING STATION

LOCATION LOWER ALLOWAYS CREEK, NJ 08038

DMR NUMBER: 081996

FROM

YEAR MO DAY

96 08 01

TO

YEAR MO DAY

96 08 31

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			WG. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS						
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	29.2	30.9		0	CONTIN UOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	35.6 DLY MAX	DEG.C		CONTIN UOUS
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1	SAMPLE MEASUREMENT	*****	*****		*****	25.7	26.6		0	CONTIN UOUS
INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C		CONTIN UOUS
PH	SAMPLE MEASUREMENT	*****	*****		9	*****	9		0	TWICE/ WEEK GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6 MINIMUM	*****	9 MAXIMUM	SU		TWICE/ WEEK GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	130	132		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	*****	*****		*****	76	86		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	*****	*****		*****	55	67		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	*****	*****		*****	< 0.50	< 0.50		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

 MARK B. BEZILLA
 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 OF PRINCIPAL
 EXECUTIVE OFFICER OR
 AUTHORIZED AGENT

TELEPHONE

DATE

509 339-3463 96 09 18

 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)
 (2-16) (17-19)

NJ0025411		461A	
PERMIT NUMBER		DISCHARGE NUMBER	
MONITORING PERIOD			
FROM	YEAR	MO	DAY
	96	08	01
TO	YEAR	MO	DAY
	96	08	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: 081996

PARAMETER (32-37)	.	.	.	(3 Card Only) QUANTITY OR LOADING (48-53)		(4 Card Only) QUALITY OR CONCENTRATION (54-61)		NO. EX (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
					UNITS					
HYDROCARBONS, IN H ₂ O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.5	< 0.5	MG/L	OTWICE/	CALCTD MONTH
HYDROCARBONS, IN H ₂ O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.50	< 0.50	MG/L	OTWICE/	GRAB MONTH
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.47	0.48	MG/L	OTWICE/	GRAB MONTH
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.24	0.28	MG/L	OTWICE/	CALCTD MONTH **
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.23	0.28	MG/L	OTWICE/	GRAB MONTH
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	5.9	6.0	MG/L	OTWICE/	GRAB MONTH
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2	MG/L	OTWICE/	CALCTD MONTH **

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK B. BEZILLA
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		96	09 18
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

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
	96	08	01		96	08	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: 081996

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)		UNITS	NO. OF ANALYSES (62-63)	FREQ. OF ANALYSES (64-68)	SAMPLE TYPE (69-70)
		*****	*****		*****	*****				
CARBON, TOT ORGANIC (TOC) 00680 7 1 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	4.1	4.2	0	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	0	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	0	TWICE/MONTH	GRAB
CHROMIUM, TOTAL (AS CR) 01034 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	0	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	0	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 2 0 EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	0	TWICE/MONTH	GRAB
COPPER, TOTAL (AS CU) 01042 7 0 INTAKE FROM STREAM	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max	0	TWICE/MONTH	GRAB

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

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

SIGNATURE OF PRINCIPAL
 EXECUTIVE OFFICER OR
 AUTHORIZED AGENT

TELEPHONE
609 339-3463
 AREA CODE NUMBER
 DATE
96 09 18
 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 POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-16) (17-19)**NJ0025411**

PERMIT NUMBER

461A

DISCHARGE NUMBER

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **081996**

MONITORING PERIOD						
FROM			TO			
YEAR	MO	DAY	YEAR	MO	DAY	
96	08	01	96	08	31	
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)			

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (48-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-55)		UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	NODI		0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
ZINC, TOTAL (AS ZN) 01092 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	NODI		0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	.6 DLY MAX	MG/L	TWICE/MONTH	CALCTD
ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	NODI		0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	MG/L	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 17.3	< 17.3		0TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	UG/L	TWICE/MONTH	GRAB
ASBESTOS (FIBROUS) 34225 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 17.3	< 17.3		0TWICE/MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	UG/L	TWICE/MONTH	CALCTD
ASBESTOS (FIBROUS) 34225 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	< 10.4	< 10.4		0TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth AVG	REPORT DLY MAX	UG/L	TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	54.05	58.33		*****	*****	*****		0CONTINUOUS	
	PERMIT REQUIREMENT	REPORT Mnth AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	CONTINUOUS	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARK B. BEZILLA**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 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.)

SIGNATURE OF PRINCIPAL
EXECUTIVE OFFICER OR
AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

96 09 18

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)
(2-16) (17-19)**NJ0025411**

PERMIT NUMBER

461A

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **081996**

FROM

YEAR MO DAY
96 08 01

TO

YEAR MO DAY
96 08 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 (38-41)	(3 Card Only) QUANTITY OR LOADING (42-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)		UNITS	NO. OF ANALYSES (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		(42-53)	(54-61)		(54-55)	(56-61)				
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.1	< 0.1			CONTINUOUS
	PERMIT REQUIREMENT	*****	*****	****	*****	.2 MNTH AVG	.5 DLY MAX	MG/L		CONTINUOUS
HEAT (SUMMER) (PER HOUR) 81386 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	119	186		*****	*****	*****			CONTINUALCTD
	PERMIT REQUIREMENT	REPORT MNTH AVG	443 DLY MAX	MBTU/ HR	*****	*****	*****	****		CONTINUALCTD
	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

**MARK B. BEZILLA
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

96 09 18

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			
YEAR	MO	DAY	TO YEAR MO DAY
96	08	01	96 08 31
(20-21)(22-23)(24-25)		(26-27)(28-29)(30-31)	

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

LOW VOLUME WW SYSTEM
MAJOR SALEM
SOUTHERN REGION

DMR NUMBER: 081996

PARAMETER (32-37)	SAMPLE MEASUREMENT (38-43)	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. OF ANALYSIS (64-68)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)		
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1	SAMPLE MEASUREMENT	*****	*****		*****	21.9	22.3			OWEELY GRAB		
EFFLUENT GROSS VALUE PH	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTN AVG	REPORT DLY MAX	DEG.C		WEEKLY GRAB		
00400 1 0	SAMPLE MEASUREMENT	*****	*****		8	*****	8			OWEELY GRAB		
EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	*****	*****	****	6	*****	9	SU		WEEKLY GRAB		
00530 1 0	SAMPLE MEASUREMENT	*****	*****		*****	7	9			OTWICE/COMPOS MONTH		
EFFLUENT GROSS VALUE HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	PERMIT REQUIREMENT	*****	*****	****	*****	30 MNTN AVG	100 DLY MAX	MG/L		TWICE/COMPOS MONTH		
00551 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0	0			OTWICE/ GRAB MONTH		
EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	*****	*****	****	*****	10 MNTN AVG	15 DLY MAX	MG/L		TWICE/GRAB MONTH		
00610 1 0	SAMPLE MEASUREMENT	*****	*****		*****	0	0			OTWICE/COMPOS MONTH		
EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC)	PERMIT REQUIREMENT	*****	*****	****	*****	35 MNTN AVG	REPORT DLY MAX	MG/L		TWICE/COMPOS MONTH		
00680 1 1	SAMPLE MEASUREMENT	*****	*****		*****	7	8			OTWICE/COMPOS MONTH **		
EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU)	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTN AVG	50 DLY MAX	MG/L		TWICE/GRAB MONTH		
01042 1 0	SAMPLE MEASUREMENT	*****	*****		*****	< 0.02	< 0.02			OTWICE/ GRAB MONTH		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTN AVG	.2 DLY MAX	MG/L		TWICE/GRAB MONTH		
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 SIG- NIFICANT 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		
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS								609 339-3463		96 09 18		
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)
(2-16) (17-19)

NJ0025411

PERMIT NUMBER

461C

DISCHARGE NUMBER

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **081996**

FROM

YEAR MO DAY
96 08 01

TO

YEAR MO DAY
96 08 31

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

LOW VOLUME WW SYSTEM

MAJOR

SALEM

SOUTHERN REGION

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (38-45)		UNITS	NO. OF ANALYSIS (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		PERMIT REQUIREMENT	PERMIT REQUIREMENT		REPORT MNTH AVG	REPORT DLY MAX				
IRON, TOTAL (AS FE) 01045 1 0	SAMPLE MEASUREMENT	*****	*****		*****	1.0	1.1		OTWICE/	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	SAMPLE MEASUREMENT	0.03	0.10		*****	*****	*****		CONTIN	UOUS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTH AVG	.45 DLY MAX	MGD	*****	*****	*****	****	CONTIN	UOUS
	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	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 SIG- NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE		DATE	
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS TYPED OR PRINTED		609 339-3463		96 09 18	
		AREA CODE	NUMBER	YEAR	MO DAY

SIGNATURE OF PRINCIPAL
EXECUTIVE OFFICER OR
AUTHORIZED AGENT

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			462A		
PERMIT NUMBER			DISCHARGE NUMBER		
MONITORING PERIOD					
FROM			TO		
YEAR	MO	DAY	YEAR	MO	DAY
96	08	01	96	08	31
(20-21)(22-23)(24-25)			(26-27)(28-29)(30-31)		

NORTH STORM DRAIN
MAJOR
SOUTHERN REGION
SALEM

FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **081996**

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
				UNITS			UNITS			
PH	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.6	0	ONCE/MONTH	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****		11	0	ONCE/MONTH	GRAB
00530 1 1 (ADMIN)	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	< 0.50	< 0.50	0	ONCE/MONTH	GRAB
00551 1 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	15		ONCE/MONTH	GRAB-3
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	7	7	0	ONCE/MONTH	GRAB
00680 1 1	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	50		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE				****		MNTH AVG	DLY MAX			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.140	0.140		*****	*****	*****	0	ONCE/MONTH	
50050 1 0	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****		ONCE/MONTH	
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX					***		
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. (SEE 40 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			
MARK B. BEZILLA		609 339-3463	96	09	18	
GENERAL MANAGER						
HOPE CREEK OPERATIONS	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY
TYPED OR PRINTED						

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		462B					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	96	08	01		96	08	31
(20-21)(22-23)(24-25)				(26-27)(28-29)(30-31)			

SEWAGE W.W.
MAJOR
SOUTHERN REGION

SALEM

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

DMR NUMBER: 081936

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)		UNITS	(4 Card Only) QUALITY OR CONCENTRATION (54-61)		UNITS	NO. OF ANALYSES (62-63)	FREQ. OF ANALYSES (64-65)	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		62	62		*****	577	577	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		0.5	0.5		*****	4.6	4.6	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	KG/DAY	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	GRAB
PH		*****	*****		6.7	*****	7.5	0	TWICE/WEEK	GRAB
00400 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	0	TWICE/WEEK	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT		*****	*****	*****	*****	466	466	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	7	7	0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	*****	*****	30 Mnth Avg	100 Dly Max		ONCE/MONTH	COMPOS
OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	< 1	< 1	0	ONCE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	*****	*****	10 Mnth Avg	15 Dly Max		ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE		0.024	0.040		*****	*****	*****	0	DAILY	FLOIND
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	*****	DAILY	FLOIND

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
MARK B. BEZILLA
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 § 1349. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
609 339-3463

DATE
96 09 18

AREA CODE
609

NUMBER
339-3463

YEAR
96

MO
09

DAY
18

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

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **081996**

FROM

YEAR
96 MO
08 DAY
01

TO

YEAR
96 MO
08 DAY
31

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

SEWAGE W.W.**MAJOR****SOUTHERN REGION****SALEM**

PARAMETER (32-37)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45) (46-53) (54-61)				NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)	
		UNITS	UNITS	UNITS	UNITS	UNITS	UNITS	UNITS				
COLIFORM, FECAL GENERAL		*****	*****		*****	< 1	< 1			0	ONCE/MONTH	GRAB
74055 1 0		*****	*****	****	*****	200	400	#/100		0	ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE		*****	*****	****	*****	MONTHGEO	WKLY GEO	ML		0	ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL		*****	*****		99.2	99.2	*****			0	ONCE/MONTH	CALCTD
81010 K 0		*****	*****	****	87.5	REPORT	*****	PERCENT		0	ONCE/MONTH	CALCTD
PERCENT REMOVAL		*****	*****	****	MONAVMIN	AVERAGE	*****	PERCENT		0	ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		98	98	*****			0	ONCE/MONTH	CALCTD
81011 K 0		*****	*****	****	85	REPORT	*****	PERCENT		0	ONCE/MONTH	CALCTD
PERCENT REMOVAL		*****	*****	****	MONAVMIN	AVERAGE	*****	PERCENT		0	ONCE/MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE		0.6	0.6		*****	5.5	5.5			0	ONCE/MONTH	CALCTD
82210 1 0		8.2	REPORT	KG/DAY	*****	REPORT	REPORT	MG/L		0	ONCE/MONTH	CALCTD
EFFLUENT GROSS VALUE		MNTH AVG	DLY MAX		*****	MNTH AVG	DLY MAX			0	ONCE/MONTH	CALCTD


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 § 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)	TELEPHONE	DATE			
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS		609 339-3463	96 09 18			
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

PERMITTEE NAME/ADDRESS
NAME **PSE&G**
ADDRESS **P.O. BOX 236/N21**
HANCOCKS BRIDGE, NJ 08038
FACILITY **PSE&G HOPE CREEK GENERATING STATION**
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**
DMR NUMBER: **081996**

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
96 08 01 96 08 31
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

SOUTH STORM DRAIN
MAJOR **SALEM**
SOUTHERN REGION

PARAMETER (32-37)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	(3 Card Only) QUANTITY OR LOADING (48-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX. (62-63)	FREQ. OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		*****	*****	UNITS	*****	*****	*****				
PH	SAMPLE MEASUREMENT	*****	*****		7.5	*****	7.5		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	*****	*****		*****		16		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	*****	*****		*****	< 0.50	< 0.50		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	0.152	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	<p>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.)</p> 	TELEPHONE		DATE		
MARK B. BEZILLA GENERAL MANAGER HOPE CREEK OPERATIONS		609 339-3463		96	09	18
TYPED OR PRINTED		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

464A

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

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

FROM

YEAR MO DAY
96 08 01

TO

YEAR MO DAY
96 08 31

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

PERIM STORM DRAIN

MAJOR

SOUTHERN REGION

SALEM

DMR NUMBER: 081996

PARAMETER (32-37)	.	.	.	.	(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)
PH					*****	*****			7.7	*****	7.7		0	ONCE/	GRAB
														MONTH	
00400 1 0					*****	*****	****		6.0	*****	9.0	SU		ONCE/	GRAB
EFFLUENT GROSS VALUE							****		MINIMUM		MAXIMUM			MONTH	
SOLIDS, TOTAL					*****	*****			*****		21		0	ONCE/	GRAB
SUSPENDED											21			MONTH	
00530 1 1 (ADMIN)					*****	*****	****		*****	REPORT	REPORT	MG/L		ONCE/	GRAB
EFFLUENT GROSS VALUE							****			MNTH AVG	DLY MAX			MONTH	
HYDROCARBONS, IN H2O,					*****	*****			*****	< 0.50	< 0.50		0	ONCE/	GRAB
IR, CC14 EXT. CHROMAT														MONTH	**
00551 1 0					*****	*****	****		*****	REPORT	15	MG/L		ONCE/	GRAB-3
EFFLUENT GROSS VALUE							****			MNTH AVG	DLY MAX			MONTH	
CARBON, TOT ORGANIC					*****	*****			*****	8	8		0	ONCE/	GRAB
(TOC)														MONTH	
00680 1 1					*****	*****	****		*****	REPORT	50	MG/L		ONCE/	GRAB
EFFLUENT GROSS VALUE							****			MNTH AVG	DLY MAX			MONTH	
FLOW, IN CONDUIT OR					0.198	0.198			*****	*****	*****		0	ONCE/	
THRU TREATMENT PLANT														MONTH	
50050 1 0					REPORT	REPORT	MGD		*****	*****	*****	****		ONCE/	
EFFLUENT GROSS VALUE					MNTH AVG	DLY MAX						***		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

MARK B. BEZILLA
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
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 NIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING
 THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND
 33 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 OF PRINCIPAL
 EXECUTIVE OFFICER OR
 AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463 96 09 18

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.

LABS: 08153 17451 77535 06431 04673

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