



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

Hope Creek Generating Station

June 23, 1997

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 May 1997.

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

9707020213 970531  
PDR ADDCK 05000354  
R PDR

IE2511

020027

The Energy People



NJPDES

2

6/23/97

Attachments

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

NJPDES  
Explanation of Conditions  
May 1997

6/23/97

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:

Hope Creek Generating Station (17451)  
Raytheon Env. Services Laboratory (77343)  
South Jersey Testing, Inc. (06431)

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

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 and 461C. The S-4 license holder's signature signifies review for DSN-462B.

NJPDES  
Explanation of Exceedances  
May 1997

6/23/97

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

DSN No.

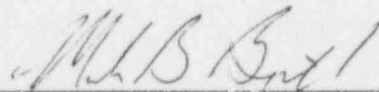
EXPLANATION

No Exceedances

COUNTY OF SALEM  
STATE OF NEW JERSEY

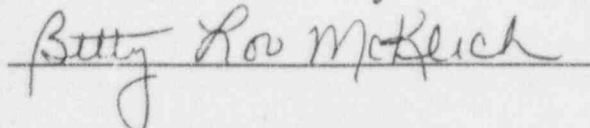
I, Mark B. Bezilla, of full age, being duly sworn according to law, upon my oath depose and say:

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 23rd day of June 1997.



BETTY LOU McKEICH  
Notary Public of New Jersey  
My Commission Expires Jan. 02, 2002

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

01021514111

0597 THRU 0597

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

NPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

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

(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 OPERATOR

Name (Printed) Peter R. Lasala  
Grade & Registry No. N-2 (0005928)  
Signature [Signature]  
Date 6/23/97

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla  
General Manager  
Title (Printed) Hope Creek Operations  
Signature [Signature]  
Date 6/23/97

OPERATING EXCEPTIONS DETAILED

\*\* Please refer to the attached Transmittal

Sheet Addenda.

HOURS ATTENDED AT PLANT

Month 015

Year 97

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



OPERATING EXCEPTIONS DETAILED

\*\* Please refer to the attached Transmittal  
Sheet Addenda.

HOURS ATTENDED AT PLANT

Month 05 Year 97

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



# ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

## DISCHARGE NUMBER

6/23/97

PAGE	PARAMETER CODE	COMMENTS
<u>461A</u>		
1 of 2	00010 G 0 **	Parameter block for Temperature, Water Deg. Centigrade should read 00010 7 0, Intake From Stream.
2 of 2	00011 G 0 **	Parameter block for Temperature, Water Deg. Fahrenheit should read 00011 7 0, Intake From Stream.
2 of 2	00680 1 0 **	Effluent Gross TOC is a report only parameter. Limit was inadvertently placed in Effluent Gross Value instead of NET Value.
2 of 2	00680 2 0 **	Effluent NET TOC was omitted from DMR pages. It is included as a write-in with the permit limit included.
	**	NET Values are calculated utilizing results from Grab samples.
<u>461C</u>		
1 of 1	45501 1 0 **	Storet code for Petrol Hydrocarbons should be 00551.
<u>462B</u>		
1 of 2	00310 1 0 **	Sample frequency was increased to 3/month. Supplemental samples obtained to provide additional operational data.
1 of 2	00530 1 0 **	Sample frequency was increased to 2/month. Supplemental sample obtained to provide additional operational data.
2 of 2	CPOX 1 0 **	Sample frequency increased to 2/month. Supplemental sample obtained to provide additional operational data.

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

NJPOES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0101251411

051977 THRU 051977

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

FACILITY: Name Hope Creek Operating 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

## NPOES DISCHARGE MONITORING REPORT

☐ 12 EPA FORM 3320-1OPERATING-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 checked="" type="checkbox"/>	<input type="checkbox"/>
OTHER	<input type="checkbox"/>	<input checked="" type="checkbox"/>

(Detail any "Yes" on reverse side  
in appropriate space.)NOTE: The "Hours Attended at Plant" on the  
reverse of this sheet must also be completed.

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

## LICENSED OPERATOR

Name (Printed) Andres NurkGrade & Registry No. (0006979)Signature Andres NurkDate 6/11/97PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVEName (Printed) Mark B. Bezilla  
General ManagerTitle (Printed) Hope Creek OperationsSignature [Signature]Date 6/23/97

OPERATING EXCEPTIONS DETAILED

influent valve to #2 filter  
frozen in shut position

HOURS ATTENDED AT PLANT

Month 05 Year 1917

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	10	9½		4	10	9	10	9½	9½		4	10½	9	9½	9	10
Others			4							4						
Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
Licensed Operator		4	9	9½	9	9½	9		4	5½	9	9	9½	8		
Others	4							4							4	

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different) <b>NAME</b> PSE&G <b>ADDRESS</b> P.O. BOX 236/N21 HANCOCKS BRIDGE, NJ 08038		NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) <b>DISCHARGE MONITORING REPORT (DMR)</b> (2-16) (17-19)		Form Approved. OMB No. 2040-0004 Approval expires 05-31-98													
		<b>NJ0025411</b> PERMIT NUMBER		<b>461A</b> DISCHARGE NUMBER													
<b>FACILITY LOCATION</b> PSE&G HOPE CREEK GENERATING ST LOWER ALLOWAYS CREE, NJ 08038		<b>MONITORING PERIOD</b> FROM <table border="1" style="display: inline-table;"><tr><td>YEAR</td><td>MO</td><td>DAY</td></tr><tr><td>97</td><td>05</td><td>01</td></tr></table> TO <table border="1" style="display: inline-table;"><tr><td>YEAR</td><td>MO</td><td>DAY</td></tr><tr><td>97</td><td>05</td><td>31</td></tr></table> (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)		YEAR	MO	DAY	97	05	01	YEAR	MO	DAY	97	05	31	<b>CREATED: 04/14/97</b> SOUTHERN REGION / SALEMANNUA NOTE: Read instructions before completing this form.	
YEAR	MO	DAY															
97	05	01															
YEAR	MO	DAY															
97	05	31															
<b>DMR NUMBER:</b> NJ0025411 461A 051997																	

PARAMETER (32-37)	X	(3 Card Only) (46-53) QUANTITY OR LOADING (54-61)			(4 Card Only) (38-45) QUANTITY OR CONCENTRATION (46-53) (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE MEASUREMENT	*****	*****		8.6	*****	8.7		0	WEEKLY GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	5.0000X MINIMUM	*****	9.0000X MAXIMUM	SU		WEEKLY GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	36.796	43.533		*****	*****	*****		0	CONTINUOUS METER
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MONTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	*****		CONTINUOUS
LC50 STATRE 96HR ACU MYSID. BAHIA	SAMPLE MEASUREMENT	*****	*****		CODE = N	*****	*****		0	CODE=N CODE=N
TAN3E 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT MONAVMIN	*****	*****	PERCENT		QTRLY CK REQ
IC25 STATRE 7DAY CHR MYSID. BAHIA	SAMPLE MEASUREMENT	*****	*****		CODE = N	*****	*****		0	CODE=N CODE=N
TBP3E 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT MONAVMIN	*****	*****	PERCENT		QTRLY CK REQ
IC25 STATRE 7DAY CHR CYPRINODON	SAMPLE MEASUREMENT	*****	*****		CODE = N	*****	*****		0	CODE=N CODE=N
TBP6A 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	REPORT MONAVMIN	*****	*****	PERCENT		QTRLY CK REQ
CHLORINE PRODUCED OXIDANTS	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1		0	THREE/ WEEK GRAB
CPDX 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	2000X MONTH AVG	5000X DLY MAX	MG/L		THREE/ WEEK GRAB
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	16.3	19.3		0	CONTINUOUS --
00010 G 0 ** RAW-SEW/INFLUENT-	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MONTH AVG	REPORT DLY MAX	DEG.C		CONTINUOUS CK REQ

<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b> 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 U.S.C. § 1001 AND 33 U.S.C. § 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 609 339-3468		DATE 97 06 23	
						AREA CODE	NUMBER	YEAR	MO DAY

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

\*\* Please Refer To The Attached Transmittal Sheet Addenda.



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

## DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

CREATED: 04/14/97

OMB No. 4000-0004

Approval expires 05-31-98

FACILITY PSE&amp;G HOPE CREEK GENERATING ST

LOCATION LOWER ALLOWAYS CREE, NJ 08038

DMR NUMBER: NJ0025411 461A 051997

## MONITORING PERIOD

 FROM YEAR 97 MO 05 DAY 01 TO YEAR 97 MO 05 DAY 31  
 (120-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTHERN REGION / SALEMANNUA

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0	SAMPLE MEASUREMENT	*****	*****		*****	27.3	31.7	0	CONTIN UOUS	--
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	36.20000 DLY MAX	DEG.C	CONTINCK REQ UOUS	
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 G. 0 **	SAMPLE MEASUREMENT	*****	*****		*****	61.4	66.8	0	CONTIN UOUS	--
RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	DEG.F	CONTINCK REQ UOUS	
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0	SAMPLE MEASUREMENT	*****	*****		*****	81.1	89.1	0	CONTIN UOUS	--
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	97.10000 DLY MAX	DEG.F	CONTINCK REQ UOUS	
PHOSPHORUS, TOTAL (AS P) 00665 1 0	SAMPLE MEASUREMENT	*****	*****		*****	NODI	NODI	0	NODI	NODI
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT DLY MAX	MG/L	ONCE/ MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 0	SAMPLE MEASUREMENT	*****	*****		*****	14.4	14.4	0	ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	20.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB
HEAT (WINTER) (PER HOUR) 01387 1 0	SAMPLE MEASUREMENT	247	395		*****	*****	*****	0	DAILY	CALCTD
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT Mnth Avg	662.00000 DLY MAX	MBTU/ HR	*****	*****	*****	****	DAILY	CALCTD
CARBON, TOT ORGANIC (TOC) 00680 2 0	SAMPLE MEASUREMENT	*****	*****		*****	3	3	0	ONCE/ MONTH	CALCTD **
EFFLUENT NET VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	20 DAILY MAX		ONCE/ MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Mark B. Bezille

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 U.S.C. § 1001 AND 33 U.S.C. § 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

AREA CODE NUMBER

97 06 23

YEAR MO DAY

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

\*\* Please Refer To The Attached Transmittal Sheet Addenda.

CREATED: 04/14/97

MAJOR

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)  
NAME PSE&G  
ADDRESS P.O. BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)  
NJ0025411 461C  
PERMIT NUMBER DISCHARGE NUMBER

MONITORING PERIOD  
FROM YEAR MO DAY TO YEAR MO DAY  
97 05 01 97 05 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTHERN REGION / SALEMANNUA  
NOTE: Read instructions before completing this form.

FACILITY PSE&G HOPE CREEK GENERATING ST  
LOCATION LOWER ALLOWAYS CREE, NJ 08038  
DMR NUMBER: NJ0025411 461C 051997

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (45-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	3	3	0	ONCE/ MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	30.00000 Mnth Avg	100.00000 DLY MAX		ONCE/ MONTH	COMPOS
PETROL HYDROCARBONS, TOTAL RECOVERABLE 05501 1 0 **	SAMPLE MEASUREMENT	*****	*****		*****	0	0	0	TWICE/ MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	10.00000 Mnth Avg	15.00000 DLY MAX		TWICE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0	SAMPLE MEASUREMENT	0.024	0.060		*****	*****	*****	0	CONTIN UOUS	METER
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT DLY MAX	MGD	*****	*****	*****	***	CONTIN UOUS	METER
EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC) 00680 1 0	SAMPLE MEASUREMENT	*****	*****		*****	4	4	0	ONCE/ MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	50.00000 DLY MAX		ONCE/ MONTH	COMPOS
	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 SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1318. (P. 10es 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		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	609   339-3463 AREA CODE NUMBER	97	06

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
\*\* Please Refer To The Attached Transmittal Sheet Addenda.

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

## DISCHARGE MONITORING REPORT (DMR)

(2-16) (17-19)

NJ0025411

PERMIT NUMBER

4628

DISCHARGE NUMBER

CREATED: 04/14/97

Form Approved. OMB No. 1040-0004

Approval expires 05-31-98

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

DMR NUMBER: NJ0025411 4628 051997

## MONITORING PERIOD

FROM YEAR 97 MO 05 DAY 01 TO YEAR 97 MO 05 DAY 31  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTHERN REGION / SALEMANNUA

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, 5-DAY (20 DEG. C) 00310 1 0	SAMPLE MEASUREMENT	2	5		*****	*****	*****	**	0	ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	3.00000 Mnth Avg	REPORT DLY MAX	KG/ DAY	*****	*****	*****	****		ONCE/ MONTH	COMPOS
PH	SAMPLE MEASUREMENT	*****	*****		7.6	*****	7.6		0	ONCE/ MONTH	GRAB
00400 1 0	PERMIT REQUIREMENT	*****	*****	*****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU		ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	25	32	**	0	ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	30.00000 Mnth Avg	REPORT DLY MAX	MG/L		ONCE/ MONTH	COMPOS
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1	1		0	ONCE/ MONTH	GRAB
OIL AND GREASE FREDN EXTR-GRAV METH 00556 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	10.00000 Mnth Avg	15.00000 DLY MAX	MG/L		ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.019	0.028		*****	*****	*****		0	DAILY	METER
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT DLY MAX	MGD	*****	*****	*****	****		DAILY	METER
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1		0	ONCE/ MONTH	GRAB
COLIFORM, FECAL GENERAL 74055 1 0	PERMIT REQUIREMENT	*****	*****	*****	*****	200.00000 MONTHGEO	400.00000 DAILYGEO	#/100 ML		ONCE/ MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		92.7	*****	*****		0	ONCE/ MONTH	CALCTD
BOD, 5-DAY PERCENT REMOVAL 81010 K 0	PERMIT REQUIREMENT	*****	*****	*****	87.50000 MONAVMIN	*****	*****	PERCE NT		ONCE/ MONTH	CALCTD
PERCENTREMOVAL											

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 U.S.C. § 1001 AND 33 U.S.C. § 1312. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 5 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

97 06 23

 AREA  
CODE

NUMBER

YEAR MO DAY

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

\*\* Please Refer To The Attached Transmittal Sheet Addenda.



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

NAME

PSEEG

AD/RESS

P.O. BOX 236/N21

HANCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0025411

PERMIT NUMBER

462B

DISCHARGE NUMBER

CREATED: 04/14/97

Form Approved.

OMB No. 2040-0004

Approval expires 05-31-98

FACILITY

PSEEG HOPE CREEK GENERATING ST

LOCATION

LOWER ALLOWAYS CREE, NJ 08038

DMR NUMBER: NJ0025411 462B 051997

## MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
97	05	01		97	05	31
(20-21) (22-23) (24-25)				(26-27) (28-29) (30-31)		

SOUTHERN REGION / SALEMANNUA

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PARAMETER (32-37)	<div></div>	(3 Card Only) (46-53)			(4 Card Only) (38-45)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***** *****	92	*****	*****	PERCENT	0	ONCE/ MONTH	CALCTD
	PERMIT REQUIREMENT	*****	*****		*****	*****	*****		*****	ONCE/ MONTH	CALCTD
CHLORINE PRODUCED OXIDANTS #CPOX 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***** *****	*****	<0.1 -0.4	Q1 -0.8	**	0	ONCE/ MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT MONTH AVG	REPORT DLY MAX	MG/L	ONCE/ MONTH	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609	339-3463	97	06	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

\*\* Please Refer To The Attached Transmittal Sheet Addenda.