



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

Hope Creek Generating Station

July 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 June 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.

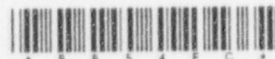
If you have any questions concerning this report, please feel
free to contact Mr. C. E. White.

Sincerely,

M.B. Bezilla
Mark B. Bezilla
General Manager -
Hope Creek Operations

9708050172 970630
PDR ADOCK 05000354
R PDR
050036

IE251



NJPDES

2

7/23/97

Attachments

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

NJPDES
Explanation of Conditions
June 1997

7/23/97

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
June 1997

7/23/97

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

DSN No.

EXPLANATION

No Exceedances

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

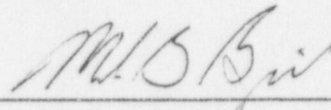
7/23/97

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 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.

COUNTY OF SALEM
STATE OF NEW JERSEY

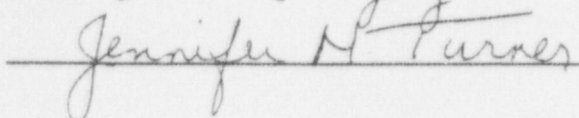
I, Mark B. Bezilla, of full age, being duly sworn according to law, upon my oath depose and say:

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 July 1997.



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

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

0161917 THRU 0161917

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

5 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. N-2 (0005928)
Signature *Peter R. Lasala*
Date 23 July 1997

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla
Title (Printed) General Manager
Hope Creek Operations
Signature *Mark B. Bezilla*
Date July 23, 1997

OPERATING EXCEPTIONS DETAILED

** Please refer to the attached Transmittal

Sheet Addenda.

HOURS ATTENDED AT PLANT

Month 016

Year 917

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

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

010121514111

MO. YR. MO. YR.

06 97 THRU 06 97

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

FACILITY: Name Hope Creek Generating Station
Address P.O. Box 236
Hancocks Bridge, N.J. (County) Salem
Telephone 609 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

SLUDGE REPORTS - INDUSTRIAL

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

WASTEWATER REPORTS

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

GROUNDWATER REPORTS

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

NJPDES DISCHARGE MONITORING REPORT

EPA FORM 3320-1

OPERATING-EXCEPTIONS

	YES	NO
DYE TESTING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
TEMPORARY BYPASSING	<input type="checkbox"/>	<input checked="" type="checkbox"/>
DISINFECTION INTERRUPTION	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MONITORING MALFUNCTIONS	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UNITS OUT OF OPERATION	<input checked="" type="checkbox"/>	<input type="checkbox"/>
OTHER	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

NOTE: The "Hours Attended as Plans" 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 S4 (000697)
Signature Andres Nurk
Date 7/9/97

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark B. Bezilla
Title (Printed) General Manager
Hope Creek Operations
Signature [Signature]
Date July 23, 1997

OPERATING EXCEPTIONS DETAILED

influent valve to #2 filter frozen
in shut position

"A" clarifier off line due to very good
sludge settling rate

HOURS ATTENDED AT PLANT

Month 06 Year 97

Day of Month	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Licensed Operator	5 1/2	8 1/2	9	8 1/2	8	8			8	8	8	8	8 1/2		4	8
Others							4	4						4		
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	4		8		
Others					4	4							4			

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

NJ0025411
PERMIT NUMBER

461A
DISCHARGE NUMBER

FACILITY: PSE&G HOPE CREEK GENERATING ST
LOCATION: LOWER ALLOWAYS CREEK, NJ 08038
DMR NUMBER: NJ0025411 461A 061997

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
97	06	01		97	06	30
(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)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45) (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	*****	*****		8.5	*****	8.6	0	WEEKLY	GRAB
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	5.00000 MINIMUM	*****	9.00000 MAXIMUM		WEEKLY	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	51.102	60.526		*****	*****	*****	0	CONTINUOUS	METER
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MONTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	CONTINUOUS	METER
LE50 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
PCPOX 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	20000X MONTH AVG	50000X DLY MAX	MG/L	THREE/ WEEK	GRAB
TEMPERATURE, WATER DEG. CENTIGRADE	SAMPLE MEASUREMENT	*****	*****		*****	22.0	26.3	0	CONTINUOUS	--
00010 6- 0 * * RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MONTH AVG	REPORT DLY MAX	DEG.C	CONTINCK REQ	UOUS

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. § 1318. (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: 97 07 23
AREA CODE: 609 NUMBER: 339-3463 YEAR: 97 MO: 07 DAY: 23

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)

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

Form Approved.
OMB No. 2040-0004
Approval expires 05-31-98

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

NJ0025411 461A
PERMIT NUMBER DISCHARGE NUMBER

CREATED: 04/14/97

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

MONITORING PERIOD
FROM 97 06 01 TO 97 06 30
(26-27) (22-23) (24-25) (26-27) (28-29) (30-31)

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

DMR NUMBER: NJ0025411 461A 061997

PARAMETER (32-37)	X	(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUANTITY OR CONCENTRATION (38-45)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-66)	SAMPLE TYPE (69-70)
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	30.5	35.2	0	CONTINUOUS	--
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	36.28000 Dly Max		CONTINUOUS REQ	
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 6 0 * * RAW WQW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	****	*****	71.6	79.4	0	CONTINUOUS	--
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max		CONTINUOUS REQ	
TEMPERATURE, WATER DEG. FAHRENHEIT 00011 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	86.9	95.3	0	CONTINUOUS	--
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	97.10000 Dly Max		CONTINUOUS REQ	
PHOSPHORUS, TOTAL (AS P) 00665 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	NODI	NODI	0	NODI	NODI
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	REPORT Dly Max		ONCE/ MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	8.6	8.6	0	ONCE/ MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	21.00000 Dly Max		ONCE/ MONTH	GRAB
HEAT (SUMMER) (PER HOUR) 01386 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	271	376		*****	*****	*****	0	DAILY	CALCTD
	PERMIT REQUIREMENT	REPORT Mnth Avg	534.00000 Dly Max	MBTU/ HR	*****	*****	*****		DAILY	CALCTD
CARBON, TOT ORGANIC (TOC) 00680 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	4	4	0	ONCE/ MONTH	CALCTD **
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	20 Dly Max		ONCE/ 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 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 97 07 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

NJ0025411
 PERMIT NUMBER

461C
 DISCHARGE NUMBER

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: NJ0025411 461C 061997

MONITORING PERIOD								
YEAR	MO	DAY	FROM	TO	YEAR	MO	DAY	
97	06	01	(20-21)	(22-23)	(24-25)	97	06	30
			(26-27)	(28-29)	(30-31)			

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

PARAMETER (32-37)	SAMPLE MEASUREMENT	(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			
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	6	6		0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	30.00000 Mnth Avg	100.00000 Dly Max	MG/L		ONCE/MONTH	COMPOS
PETROL HYDROCARBONS, TOTAL RECOVERABLE 45501 1 0 * * EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.5	<0.5		0	TWICE/MONTH	GRAB
	PERMIT REQUIREMENT	*****	*****	****	*****	10.00000 Mnth Avg	15.00000 Dly Max	MG/L		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.012	0.030		*****	*****	*****		0	CONTINUOUS	METER
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT Dly Max	MGD	*****	*****	*****	****		CONTINUOUS	METER
CARBON, TOT ORGANIC (TOC) 00680 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	8	8		0	ONCE/MONTH	COMPOS
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT Mnth Avg	59.00000 Dly Max	MG/L		ONCE/MONTH	COMPOS
	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 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.)	TELEPHONE		DATE		
		609 AREA CODE	339-3463 NUMBER	97 YEAR	07 MO	23 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

NJ0025411 PERMIT NUMBER
4628 DISCHARGE NUMBER

CREATED: 04/14/97

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
97	06	01		97	06	30

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

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

DMR NUMBER: NJ0025411 4628 061997

PARAMETER (32-37)	X	QUANTITY OR LOADING (3 Card Only (46-53) (54-61))			QUANTITY OR CONCENTRATION (4 Card Only (38-45) (46-53) (54-61))				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)		4	5		*****	*****	*****	**	0	ONCE/MONTH	COMPOS
00310 I 0 EFFLUENT GROSS VALUE		0.00000 MONTH AVG	REPORT DLY MAX	KG/DAY	*****	*****	*****	****		ONCE/MONTH	COMPOS
PH		*****	*****		7.0	*****	7.0		0	ONCE/MONTH	GRAB
00400 I 0 EFFLUENT GROSS VALUE		*****	*****	*****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU		ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED		*****	*****		*****	22	22		0	ONCE/MONTH	COMPOS
00530 I 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	30.00000 MONTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	COMPOS
OIL AND GREASE		*****	*****		*****	<1	<1		0	ONCE/MONTH	GRAB
FREON EXTR-GRAY METH		*****	*****	*****	*****	10.00000 MONTH AVG	15.00000 DLY MAX	MG/L		ONCE/MONTH	GRAB
00556 I 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	*****	*****		0	DAILY	METER
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.026	0.056		*****	*****	*****	****		DAILY	METER
50050 I 0 EFFLUENT GROSS VALUE		REPORT MONTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	****		DAILY	METER
COLIFORM, FECAL GENERAL		*****	*****		*****	<1	<1		0	ONCE/MONTH	GRAB
74055 I 0 EFFLUENT GROSS VALUE		*****	*****	*****	*****	200.00000 MONTH GED	400.00000 DAILY GED	#/100 ML		ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL		*****	*****		88.7	*****	*****		0	ONCE/MONTH	CALCTD
81010 K 0 PERCENT REMOVAL		*****	*****	*****	87.50000 MONTH AVG	*****	*****	PERCENT		ONCE/MONTH	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Mark B. Bezilia
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.)

TELEPHONE DATE
609 339-3463 97 07 23
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
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

NJ0025411
 PERMIT NUMBER

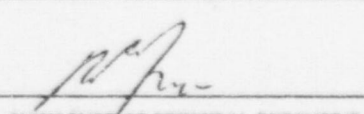
462B
 DISCHARGE NUMBER

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: NJ0025411 462B 061997

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
97	06	01		97	06	30
(20-21)		(22-23)		(24-25)		(26-27)
				(28-29)		(30-31)

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

PARAMETER (32-37)	X	(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			
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		96	*****	*****		0	ONCE/MONTH	CALCTD
BIOLOGICAL PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	85.0000	*****	*****	PERCENT		ONCE/MONTH	CALCTD
CHLORINE PRODUCED OXIDANTS	SAMPLE MEASUREMENT	*****	*****		*****	1.4	2.8	**	0	ONCE/MONTH	GRAB
COD EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MONTH AVG	REPORT DAILY MAX	MG/L		ONCE/MONTH	GRAB
	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 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	97	07	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.