



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

Hope Creek Generating Station

July 24, 1992

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 1992.

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,

Joseph Hagan
General Manager -
Hope Creek Operations

The Energy People

9208040098 920530
PDR ADOCK 05000354
PDR

300072

CDD1

NJPDES

2

7/24/92

aw
ew:eaj
Attachments

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

NJPDES
Explanation of conditions
June 1992

7/24/92

The following explanations are included to clarify possible deviation from permit conditions.

General - The columns labeled "No. Ex", on the enclosed DMR, tabulate the number of daily discharge values outside the indicated limits.

Data reporting and accuracy reflect the working environment, the design capabilities and reliability of the monitoring instruments and operating equipment.

Analytical values performed by the following NJDEP certified laboratories:

NET Atlantic, Inc. (08153)
Hope Creek Generating Station (17451)
Talbot Laboratory, Inc. (77535)
South Jersey Testing, Inc. (06431)

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

Frequency for discharge point 461A, the Cooling Tower Blowdown, and the River were done at approximately 5 hour intervals to provide for the cycles of concentration in the system.

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 June 1991 revision of the NJDEP DMR Instruction manual and specific guidance from DEP personnel attending DMR outreach seminars. Guidance from the DEP has also been re-confirmed at the May 19, 1992 meeting of the DMR Instruction Manual Review Committee.

NJPDES
Explanation of Exceedances
June 1992

7/24/92

The following exceedances are included in the attached report and explained below. Exclusions have not endangered nor significantly impacted public health or the environment.

DSN No.

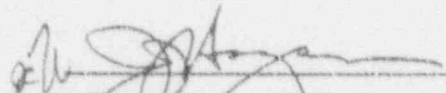
EXPLANATION

No Exceedances

COUNTY OF SALEM
STATE OF NEW JERSEY

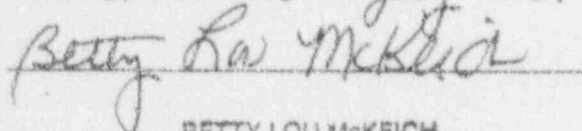
I, Joseph J. Hagan, of full age, being duly sworn according to law, upon my oath depose and say:

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.



Joseph J. Hagan
General Manager -
Hope Creek Operations

Sworn and subscribed before me
this 24th day of July 1992.



BETTY LOU McKEICH

NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES DEC. 8, 1998

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

ALPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

010121514111

016/92 THRU 016/92

PERMITTEE: Name Public Service Electric & Gas Company

Address P. O. Box 236

Hancocks Bridge, N. J. 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N. J. (County) Salem

Telephone 1 609 1 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

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

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

WPOBS 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) Clark E. Pierce

Grade & Registry No. N-1124

Signature [Signature] CEP

Date 7/24/92

Reg # N0396

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Joseph J. Bagan

Title (Printed) General Manager

Hope Creek Operations

Signature [Signature]

Date 7/24/92

MONITORING REPORT - TRANSMITTAL SHEET

WATER NO.

REPORTING PERIOD

MO. YA.

MO. YA.

00, 25, 41, 1

12/19/92 THRU 12/19/92

PERMITTEE: Name Public Service Electric & Gas Company

Address P.O. Box 236

Hancocks Bridge, NJ 08038

FACILITY: Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, NJ County Salem

Telephone 609 379-5098

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 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 HUIK

Grade & Registry No. 5-4 (54542)

Signature Andres Huik

Date 7/8/92

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Joseph J. Hagan

Title (Printed) General Manager

Hope Creek Operations

Signature J. Hagan

Date 7/24/92

PERMITTEE NAME/ADDRESS (Include Facility Name/Location Y&C/Stream) **PS&G**
 ADDRESS **P.O. BOX 236/N.J. 08036**
HANDICKS BRIDGE NJ 08036

NATIONAL POLLUTANT DISCHARGE ELIMINATION BY EM (NPDES) **DISCHARGE MONITORING REPORT (DMR)**
 (2.18) **461A**
 PERMIT NUMBER **461A**

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

COOLING TOWER **BLUMDUMEN**
 MAJOR **SALEM**
 SOUTHLAN REGION

MONITORING PERIOD
 YEAR **92** MO **06** DAY **01** TO YEAR **92** MO **06** DAY **30**
 FROM (25.21) (25.23) (24.23) TO (25.27) (25.29) (26.01)

FACILITY **PS&G HREC CREEK GENERATING ST**
 LOCATION **LOWER ALLOWAYS CREEK NJ 08036**
 DMR NUMBER **92060486**

PARAMETER (2.17)	(3 Card Only) QUANTITY OR LOADING (24.41)		(4 Card Only) QUALITY OR CONCENTRATION (24.42)		NO. EX. ANALYSIS (24.43)	FREQUENCY OF ANALYSIS (24.44)	SAMPLE TYPE (24.45)
	XXXXXXXX	UNITS	XXXXXXXXXX	XXXXXXXXXX			
HYDROCARBONS, IN H2O	000000	000000	000000	000000	0	2/MO	Calc
IR+CC14 EXT. CHROMAT	000000	000000	REPORT WITH AVG	10.0000		TWICE MONTHLY	Calc
00551 2 0	000000	000000	000000	0.20		2/MO	Grab
EFFLUENT NET VALUE	000000	000000	000000	0.27		2/MO	Grab
HYDROCARBONS, IN H2O	000000	000000	000000	0.11		TWICE MONTHLY	Grab
IR+CC14 EXT. CHROMAT	000000	000000	REPORT WITH AVG	REPORT		TWICE MONTHLY	Grab
00551 7 0	000000	000000	000000	0.15		2/MO	Grab
INTAKE FROM STREAM	000000	000000	000000	0.16		TWICE MONTHLY	Grab
PHOSPHORUS, TOTAL (AS P)	000000	000000	000000	0.17		2/MO	Grab
00665 1 1	000000	000000	000000	7.6		2/MO	Grab
EFFLUENT GROSS VALUE	000000	000000	000000	3		TWICE MONTHLY	Grab
PHOSPHORUS, TOTAL (AS P)	000000	000000	000000	1.9		2/MO	Calc
00665 2 1	000000	000000	000000	20.0000		TWICE MONTHLY	Grab
EFFLUENT NET VALUE	000000	000000	000000	0.17		2/MO	Grab
PHOSPHORUS, TOTAL (AS P)	000000	000000	000000	0.17		2/MO	Grab
00665 7 1	000000	000000	000000	4.3		2/MO	Grab
INTAKE FROM STREAM	000000	000000	000000	7.6		TWICE MONTHLY	Grab
CARBON, TOT ORGANIC (TOC)	000000	000000	000000	1.9		2/MO	Calc
00680 1 1	000000	000000	000000	3		2/MO	Calc
EFFLUENT GROSS VALUE	000000	000000	000000	1.9		2/MO	Calc
CARBON, TOT ORGANIC (TOC)	000000	000000	000000	1.9		2/MO	Calc
00680 2 1	000000	000000	000000	1.9		2/MO	Calc
EFFLUENT NET VALUE	000000	000000	000000	1.9		2/MO	Calc

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND I AM ON MY SOLEST OF BEST JUDGEMENTS NECESSARILY 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. (Printed under this passage may attach files up to 5 pages and in maximum impression of 1000 characters and 10 lines.)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. Hagan

General Manager
 Hope Creek Operations

TELEPHONE DATE
 609 339-3463 92 07 24

AREA CODE NUMBER
 609 339-3463

OFFICER OF AUTHORIZED AGENT
 SIGNAL UNIT PRINCIPAL EXECUTIVE

TYPED OR PRINTED

NUMBERS PROVIDED BY VECHS ARE REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER NONE FOR THESE METALS. * NET values calculated from grab samples.

PERMIT NUMBER: NJ0025411
DISCHARGE NUMBER: 761A

PERMIT NAME/ADDRESS (Include Facility Name/Location if different):
P.O. BOX 236/N21
HAWDOCKS BRIDGE NJ 08038

FACILITY: PSEG HOPE CREEK GENERATING ST
LOCATION: LOWER ALLOWAYS GREEN NJ 08038
DMR NUMBER: 92060486

MONITORING PERIOD:
YEAR: 92 MO: 06 DAY: 01
TO: 92 MO: 06 DAY: 30

COOLING TOWER BLOWDOWN
MAJUA
SOUTH PLN REG Unit
SALEM

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

NOTE: Read instructions before completing this form.

PARAMETER (10.17)	SAMPLE MEASUREMENT	(3 Card Only) QUANTITY OR LOADING (14.51)		(4 Card Only) ALIQUOT OR CONCENTRATION (14.52)		NO. EX. ANALYSES (10.43)	FREQUENCY OF ANALYSES (10.44)	SAMPLE TYPE (10.45)
		XXMMDDMMXX	UNIT	XXMMDDMMXX	UNIT			
CARBON, TOT ORGANIC (TOC)	00660	00000	00000	00000	00000	-	2/MO	Grab
INTAKE FROM STREAM		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
CHROMIUM, TOTAL (AS CR)	01034	00000	00000	NODI	NODI	-		
EFFLUENT GROSS VALUE		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
CHROMIUM, TOTAL (AS CR)	01034	00000	00000	NODI	NODI	-		
EFFLUENT NET VALUE		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
CHROMIUM, TOTAL (AS CR)	01034	00000	00000	NODI	NODI	-		
EFFLUENT NET VALUE		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
COPPER, TOTAL (AS CU)	01042	00000	00000	NODI	NODI	-		
INTAKE FROM STREAM		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
COPPER, TOTAL (AS CU)	01042	00000	00000	NODI	NODI	-		
EFFLUENT GROSS VALUE		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
COPPER, TOTAL (AS CU)	01042	00000	00000	NODI	NODI	-		
EFFLUENT NET VALUE		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			
COPPER, TOTAL (AS CU)	01042	00000	00000	NODI	NODI	-		
INTAKE FROM STREAM		00000	00000	REPORT MONTH AVG	REPORT MONTH MAX			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: J. Ragan
General Manager
Hope Creek Operations

TYPE OR PRINTED

SWAMPING PROBATIONARY VOUCHERS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

TELEPHONE: 609 339-3463
DATE: 07 24 92

AREA CODE: 609
NUMBER: 339-3463
YEAR: 92
MONTH: 07
DAY: 24

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT: [Signature]

OFFICER OR AUTHORIZED AGENT: [Name]

77535 14451 06431

08153 14451 77535 06431

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

IRPLACES EPA FORM T-49 WHICH MAY NOT BE USED

LABS

PAGE 3 OF 12

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)
(2-78)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME PSEG
ADDRESS P.O. BOX 236/M21
HANCOCKS BRIDGE NJ 08038

PERMIT NUMBER
NJ0025411

MONITORING PERIOD
FROM 92 06 01 TO 92 06 30
(120.31) (22.25) (24.25) (26.27) (28.29) (30.31)

FACILITY PSEG HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREEK NJ 08038
DMR NUMBER: 92060486

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

COOLING TOWER BLOWDOWN
MAJUR
SOUTHERN REGION
SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (54-55)		UNITS		QUALITY OR CONCENTRATION (56-57)		NO. OF EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
	(1 Card Only)	(2 Card Only)	(1 Card Only)	(2 Card Only)	(1 Card Only)	(2 Card Only)			
ZINC TOTAL (AS ZN)	000000	000000	XX	MG/L	XXXXXXX	NODI	-	-	-
01092 1 G EFFLUENT GROSS VALUE	000000	000000	REPORT Mnth Avg	MG/L	REPORT Mnth Avg	NODI	-	TWICE MONTH	GRAB
ZINC TOTAL (AS ZN)	000000	000000	000000	MG/L	000000	NODI	-	-	-
01092 2 0 EFFLUENT NET VALUE	000000	000000	REPORT Mnth Avg	MG/L	REPORT Mnth Avg	NODI	-	TWICE MONTH	CALCD
ZINC TOTAL (AS ZN)	000000	000000	000000	MG/L	000000	NODI	-	-	-
01092 7 0 INTAKE FROM STREAM	000000	000000	REPORT Mnth Avg	MG/L	REPORT Mnth Avg	NODI	-	TWICE MONTH	GRAB
ASBESTOS (FIBROUS)	000000	000000	<0.00003	UG/L	<0.00003	<0.00003	-	2/mo	Grab
34225 1 0 EFFLUENT GROSS VALUE	000000	000000	REPORT Mnth Avg	UG/L	REPORT Mnth Avg	NODI	-	TWICE MONTH	GRAB
ASBESTOS (FIBROUS)	000000	000000	<0.00003	UG/L	<0.00003	<0.00003	-	2/mo	Calc
34225 2 0 EFFLUENT NET VALUE	000000	000000	REPORT Mnth Avg	UG/L	REPORT Mnth Avg	NODI	-	TWICE MONTH	CALCD
ASBESTOS (FIBROUS)	000000	000000	<0.00003	UG/L	<0.00003	<0.00003	-	2/mo	Grab
34225 7 0 INTAKE FROM STREAM	000000	000000	REPORT Mnth Avg	UG/L	REPORT Mnth Avg	NODI	-	TWICE MONTH	GRAB
FLOW IN CONDUIT OR THRU TREATMENT PLANT	50.73	63.51	000000	UG/L	000000	000000	-	CONT	
50050 1 0 EFFLUENT GROSS VALUE	REPORT Mnth Avg	REPORT Mnth Avg	000000	0000	000000	000000	-	CONTIN UGUS	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. Magari
General Manager
Hope Creek Operations

TELEPHONE
609 339-3463 92 07 24

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

AREA CODE NUMBER

DATE

YIELD OR PRINTED

REPLACES EPA FORM 743 WHICH MAY NOT BE USED

LABS: 08153 --- 17451 --- 77535 --- 76431 ---

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

PAGE 4 OF 14

PERMITTEE NAME: ADDRESS (Include Facility Name) (Location if different)
 NAME PSEGG
 ADDRESS P.O. BOX 236/N21
 HANCOCKS BRIDGE NJ 08038

NJ0025411
 PERMIT NUMBER

461C
 DISCHARGE NUMBER

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

FACILITY PSEGG HOPE CREEK GENERATING ST
 LOCATION LOWER FLOWWAYS CREEK NJ 08038
 DMR NUMBER: 92060486

LOW VOLUME WW SYSTEM
 MAJOR SOUTH HAVEN REGION
 SALEM

NOTE: Read instructions before completing this form.

PARAMETER (12-87)	SAMPLE MEASUREMENT	PERMIT REQUIREMENT	QUANTITY OR CONCENTRATION (14-1)		QUALITY OR CONCENTRATION (14-2)		NO. OF EX (12-85)	FREQUENCY OF ANALYSIS (14-6)	SAMPLE TYPE (18-70)
			(46-53)	(34-61)	(46-53)	(34-61)			
TEMPERATURE & WATER DEG. CENTIGRADE	000000	000000	000000	000000	000000	000000	0	1/wk	Grab
EFFLUENT GROSS VALUE PH	000000	000000	000000	000000	000000	000000	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	0	1/wk	Grab
SOLIDS & TOTAL SUSPENDED	000000	000000	000000	000000	000000	000000	0	WEEKLY	GRAB
EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	0	2/mo	Comp
HYDROCARBONS IN H2O	000000	000000	000000	000000	000000	000000	0	TWICE/MONTH	COMPOS
TRICHLORO EXT. CHROMAT	000000	000000	000000	000000	000000	000000	0	3/mo	Grab
EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	0	TWICE/MONTH	GRAB
NITROGEN & AMMONIA TOTAL (AS N)	000000	000000	000000	000000	000000	000000	0	2/mo	Comp
EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	0	TWICE/MONTH	COMPOS
CARBON & TOT ORGANIC (TOC)	000000	000000	000000	000000	000000	000000	0	2/mo	Comp
EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	0	TWICE/MONTH	GRAB
COPPER & TOTAL (AS CU)	01042	000000	000000	000000	000000	000000	0	2/mo	Grab
EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	0	TWICE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. Hagan
 General Manager
 Hope Creek Operations

TYPED OR PRINTED

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

PERMITTEE'S SIGNATURE AND TITLE
 J. Hagan
 General Manager
 Hope Creek Operations

DATE

TELEPHONE

AREA CODE NUMBER

609 339-3463 92 07 24

OFFICER OR AUTHORIZED AGENT

8153 17451 77535 06431

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME P 2 E 6 G
 ADDRESS P.O. BOX 236/NZ1
 HANCOCKS BRIDGE NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)
 (17-19)
 4b1c
 DISCHARGE NUMBER

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

LOW VOLUME WW SYSTEM
 MAJOR SOUTHERN REGION
 SALEM

PERMIT NUMBER: NJ0025411
 MONITORING PERIOD
 FROM 92 06 01 TO 92 06 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)
 FACILITY PSEGG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOMAYS CREEK NJ 08038
 DMR NUMBER: 92060486

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	SAMPLE MEASUREMENT	UNIT	QUANTITY OR LOADING (34-35)	QUALITY OR CONCENTRATION (34-37)	NO. OF EX (32-33)	FREQUENCY OF ANALYSIS (34-35)	SAMPLE TYPE (39-40)	DATE	
								YEAR	DAY
IRON, TOTAL (AS FE)	0.045	MG/L	0.88	0.92	-	2/MO	Grab	92	07
EFFLUENT GROSS VALUE	REPORT MONTH AVG		0.00000	0.00000	0	CONTINUOUS	GRAB	92	24
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	REPORT MONTH AVG		0.00000	0.00000	0	CONTINUOUS	GRAB	92	24
50050 I.O.	REPORT MONTH AVG		0.00000	0.00000	0	CONTINUOUS	GRAB	92	24
EFFLUENT GROSS VALUE	REPORT MONTH AVG		0.00000	0.00000	0	CONTINUOUS	GRAB	92	24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. Hagan
 General Manager
 Hope Creek Operations
 TYPED OR PRINTED

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OF PERMITS AUTHORIZED AGENT

TELEPHONE 609 339-3463
 AREA CODE 92
 NUMBER 07
 DATE 24

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

EPA Form 3320-1 (Rev. 9-88) Previous editions may be used.

REPLACES EPA FORM T-46 WHICH MAY NOT BE USED.

LABS: 08153 --- 77451 --- 77535 --- 06431 ---

PAGE 7 OF 12

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
 NAME PSEG
 ADDRESS P.O. BOX 236/M21
 HANCOCKS BRIDGE NJ 08038

FACILITY PSEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREEK NJ 08038
 DMR NUMBER: 92060485

MONITORING PERIOD
 YEAR MO DAY YEAR MO DAY
 FROM 92 06 01 TO 92 06 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NJ0025411
 PERMIT NUMBER

462A
 DISCHARGE NUMBER

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

NORTH STORM DRAIN
 MAJOR
 SOUTHERN REGION
 SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-57)	(1 Card Only) QUANTITY OR LOADING (34-61)		(4 Card Only) QUANTITY OR CONCENTRATION (34-61)		UNITS	NO. EX. ANALYSIS (34-63)	FREQUENCY OF ANALYSIS (34-63)	SAMPLE TYPE (39-70)
	XXK0000000XX	000000	XXK0000000XX	000000				
pH	000000	000000	000000	000000		0	1/mo	Grab
00400 I O EFFLUENT GROSS VALUE	000000	000000	000000	000000		0	ONCE/MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	000000	000000	000000	000000	50	-	ONCE/MONTH	GRAB
00530 I I (ADMIN) EFFLUENT GROSS VALUE	000000	000000	000000	000000		0	1/mo	Grab
HYDROCARBONS, IN H2O IR, CC14 EXT. CHROMAT	000000	000000	000000	000000		0	ONCE/MONTH	GRAB
00551 I O EFFLUENT GROSS VALUE	000000	000000	000000	000000		0	1/mo	Grab
CATION, TOT ORGANIC (TCC)	000000	000000	000000	000000		0	ONCE/MONTH	GRAB
00680 I I EFFLUENT GROSS VALUE	000000	000000	000000	000000		0	1/mo	Grab
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	000000	000000	000000	000000		-	ONCE/MONTH	GRAB
50050 I O EFFLUENT GROSS VALUE	000000	000000	000000	000000		-	ONCE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. Hagan
 General Manager
 Hope Creek Operations

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY KNOWLEDGE AND BELIEF, 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
 AREA CODE NUMBER YEAR MO DAY
 609 339-3463 92 07 24

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 24 HRS PERIOD OF 72 HRS. *Unable to meet sampling criteria due to discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only.

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
 PERMIT NUMBER
 4628
 DISCHARGE NUMBER

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

FACILITY PSE&G HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE NJ 08038
 DMR NUMBER: 92060486

MONITORING PERIOD
 FROM YEAR MO DAY TO YEAR MO DAY
 92 06 01 TO 92 06 30
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SEWAGE N-H-H
 MAJOR SALEM
 SOUTHERN REGION
 NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(2 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXXX	XXXXXXX	UNITS	XXXXXXX	XXXXXXX	XXXXXXX	UNITS			
200, 5-DAY (20 DEG. C) 00310 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	46.0	46.0	KG/DAY	*****	348	348	MG/L	-	1/mo	Grab
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX		*****	REPORT MNTH AVG	REPORT DLY MAX			ONCE/MONTH	GRAB
800, 5-DAY 13 (20 DEG. C) 00310 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.6	1.7	KG/DAY	*****	8.7		MG/L	0	2/mo	Grab
	PERMIT REQUIREMENT	6-30000 MNTH AVG	REPORT DLY MAX		*****	REPORT MNTH AVG	REPORT DLY MAX			ONCE/MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		6.4	*****	7.2		0	2/wk*	Grab
00400 I 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6-00050 MINIMUM	*****	9-00000 MAXIMUM	SU		TWICE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	-	1/mo	Comp
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX			ONCE/MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	4	4	MG/L	0	1/mo	Comp
	PERMIT REQUIREMENT	*****	*****	****	*****	30-00000 MNTH AVG	100-00000 DLY MAX			ONCE/MONTH	COMPOS
OIL AND GREASE FREDN EXTR-GRAV METH 00556 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	1	1	MG/L	0	1/mo	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	10-00000 MNTH AVG	15-00000 DLY MAX			ONCE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 I 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.032	0.054	MGD	*****	*****	*****		-	Daily	Floind
	PERMIT REQUIREMENT	REPORT MNTH AVG	REPORT DLY MAX		*****	*****	*****	****		DAILY	FLOIND

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. Hagan
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 KNOWLEDGE 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 a maximum imprisonment of between 6 months and 3 years.

[Signature]
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE
 609 339-3463 92 07 24
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 *Five (5) samples taken for week ending 6/28.

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

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

NJ0025411
 PERMIT NUMBER

4628
 DISCHARGE NUMBER

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

FACILITY PSEG HOPE CREEK GENERATING ST
 LOCATION LOWER ALLOWAYS CREE, NJ 08038
 DMR NUMBER: 92062486

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
92	06	01		92	06	30

SEWAGE W.W.
 MAJOR SALEM
 SOUTHERN REGION

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	X	(1 Card Only) QUANTITY OR LOADING (54-57)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)				NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		XXXXXXXXXX	XXXXXXXXXX	UNITS	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	UNITS			
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	000000	000000		000000	1	1		0	2/mo	Grab
	PERMIT REQUIREMENT	000000	000000	0000	000000	200-000000 MONTHLY GEO	500-000000 WEEKLY GEO	#/100 ML		ONCE/MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	000000	000000		96.3	96.3	000000		0	1/mo	Calc
	PERMIT REQUIREMENT	000000	000000	0000	7.500000 ONAVMIN	REPORT AVERAGE	000000	PERCENT		ONCE/MONTH	CALC
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K J PERCENT REMOVAL	SAMPLE MEASUREMENT	000000	000000		99	99	000000		0	1/mo	Calc
	PERMIT REQUIREMENT	000000	000000	0000	85.000000 ONAVMIN	REPORT AVERAGE	000000	PERCENT		ONCE/MONTH	CALC
OXYGEN DEMAND FIRST STAGE 62210 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.3	2.1		000000	10.4	15.6		0	2/mo	Calc
	PERMIT REQUIREMENT	0-2.5000 MONTH AVG	REPORT DLY MAX	KG/DAY	000000	REPORT MONTH AVG	REPORT DLY MAX	MG/L		ONCE/MONTH	CALC
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
J. Hagan
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 KNOWLEDGE 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 § 319. Penalties under these statutes may include fines up to \$250,000 and/or maximum imprisonment of between 6 months and 5 years.


 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463
 DATE 92 07 24
 AREA CODE NUMBER YEAR MO DAY

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

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

PERMITTEE NAME: ADDRESS (Include Facility Name/Location if different)
 NAME: PSE&G
 ADDRESS: P.O. BOX 230/1421
 HANCOCKS BRIDGE NJ 08038

PERMIT NUMBER: NJ0025411

DISCHARGE NUMBER: 463A

Form Approval No. 204-D-0004
 Approval expires 6-30-91

MONITORING PERIOD
 YEAR: 92, MONTH: 06, DAY: 30
 FROM: 06/22/92, TO: 06/30/92

SCOUTH STORM DRAIN MAJOR SOUTHERN REGION

SALEM

NOTE: Read instructions before completing this form.

PARAMETER (12-17)	QUANTITY OR LOADING (14-15)	UNITS	QUALITY OR CONCENTRATION (14-15)	NO. EX (16-18)	FREQUENCY OF ANALYSIS (16-18)	SAMPLE TYPE (18-20)	MONITORING PERIOD	
							YEAR	DAY
PH	000000		8.0	0	1/MO	Grab	92	30
00400 1 G EFFLUENT GROSS VALUE	000000		0.0000	0	ONCE A MONTH	GRAB	92	30
SOLIDS TOTAL	000000		30	-	1/MO	Grab	92	30
SUSPENDED	000000		0.40	0	ONCE A MONTH	Grab	92	30
00530 1 I (ADMIN) EFFLUENT GROSS VALUE	000000		0.40	0	ONCE A MONTH	Grab	92	30
HYDROCARBONS IN H2O	000000		0.40	0	ONCE A MONTH	Grab	92	30
IR#CC14 EXT. CHROMAT	000000		0.40	0	ONCE A MONTH	Grab	92	30
00551 1 0 EFFLUENT GROSS VALUE	000000		0.40	0	ONCE A MONTH	Grab	92	30
CARBON TOT ORGANIC (TOC)	000000		0.40	0	ONCE A MONTH	Grab	92	30
00660 1 1 EFFLUENT GROSS VALUE	000000		0.40	0	ONCE A MONTH	Grab	92	30
FLOW IN CONDUIT OR THRU TREATMENT PLANT	000000		0.40	0	ONCE A MONTH	Grab	92	30
50050 1 0 EFFLUENT GROSS VALUE	000000		0.40	0	ONCE A MONTH	Grab	92	30

NAME/TITLE: J. Hagan, General Manager, Hope Creek Operations
 I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY HONORARY OATH 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 C.F.R. 150.100 AND 150.101 FOR PENALTIES. (Penalties under these provisions may include fines up to \$10,000 and/or maximum imprisonment of 6 months and 1 year.)

TELEPHONE: 609 339-3463
 DATE: 07 24

REPLACES EPA FORM 3320-1 (Rev. 9-88) Previous editions may be used.

PERMITTEE NAME/ADDRESS (Permittee Facility Name/Location if different)
 BARR P.S.E.S.
 ADDRESS BOX 236/NZ1
 HANCOCK, BRIDGE NJ 08038

NATIONAL POLLUTANT DISCHARGE MONITORING REPORT (DNR) (12-19)
 NJ025411
 PERMIT NUMBER

Form Approved
 OMB No. 2040-0004
 Approval expires 6-30-81.

PERMITS DIVISION
 MAJOR SOUTH COAST REGION
 PERMITS STORM DRAIN
 SALE M

MONITORING PERIOD
 YEAR 92 MO 06 DAY 30
 FROM 12/01/92 TO 12/31/92

LOCATION PSEG HOPE CREEK GENERATING ST
 LOWER ALLOWAYS CREEK 08038
 DNR NUMBER: 92060486

NOTE: Read instructions before completing this form.

PARAMETER (K-17)	SAMPLE MEASUREMENT	QUANTITY OR LOADING (L-4)	UNIT	QUALITY OR CONCENTRATION (M-C-6 Only) (M-5)	FREQUENCY OF ANALYSIS (M-4)	NO. OF SAMPLES	ANALYSIS DATE	SAMPLING METHOD	DATE
PH				7.3	1/mo	0	1/mo	Grab	
EFFLUENT GROSS VALUE				7.3	1/mo	0	1/mo	Grab	
SOLIDS TOTAL				18	1/mo	0	1/mo	Grab	
SUSPENDED				18	1/mo	0	1/mo	Grab	
EFFLUENT GROSS VALUE				0.50	1/mo	0	1/mo	Grab	
HYDROCARBONS IN H2O				0.50	1/mo	0	1/mo	Grab	
IRYCC14 EXT. CHROMAT				0.50	1/mo	0	1/mo	Grab	
EFFLUENT GROSS VALUE				10.9	1/mo	0	1/mo	Grab	
CARBON TOT ORGANIC (TOC)				10.9	1/mo	0	1/mo	Grab	
EFFLUENT GROSS VALUE				0.21	1/mo	0	1/mo	Grab	
FLOW IN CONDUIT JR THRU TREATMENT PLANT				0.21	1/mo	0	1/mo	Grab	
EFFLUENT GROSS VALUE				0.21	1/mo	0	1/mo	Grab	

I, CERTAIN, UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREON AND I BELIEVE THE INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SEVERAL PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 18 USC § 1011. (Penalties under this statute may include fines up to \$10,000 and up to 5 years imprisonment or both, for each violation.)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 J. Haqan
 General Manager
 Hope Creek Operations

TELEPHONE
 609 339-3463
 AREA NUMBER
 609
 DATE
 07 24

SAMPLING FREQUENCY: EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT 2F MONTH WHICH CAUSES DISCHARGE DURING WORKING HOURS & IS PRECEDED BY MINIMUM 24 HRS PERIOD OF 12 HRS.
 *Unable to meet sampling criteria due to discharge event occur. g prior to and continuing into normal working hours. A single grab sample was obtained for information only.

(REPLACES EPA FORM 330-1 WHICH MAY NOT BE USED.)
 LABS: 77575
 PAGE 14 OF 14