



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

Hope Creek Generating Station

August 25, 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 July 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

010035

The Energy People

9209020005 920731
PDR ADDCK 05000354
R PDR

IE25
11

NJPDES

2

8/25/92

CW:eaj
Attachments

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

NJPDES
Explanation of conditions
July 1992

8/25/92

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
July 1992

8/25/92

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

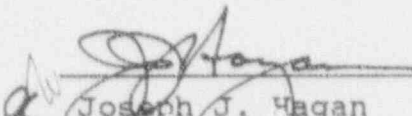
461C

The Copper limit of 0.2 ppm was exceeded on the second monthly sample of July. The elevated level was found to be partly from the condensate drains of a previously unidentified air handling unit. This unit contains copper cooling coils upon which condensate is constantly running over. The condensate was diverted away from the LVOW system thus reducing the copper concentration and immediately returning this outfall into compliance. We are continuing with the effort to identify and eliminate all sources of copper into this system. If additional sources are found they will be either eliminated or reduced as necessary. Additional information as learned will be available upon request. Please refer to the attached report to Mr. Steve Mathis dated 7/24/92.

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 25 day of AUG 1992.



SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 30, 1993

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NO: P 378 354 59

JUL 24 1992

NLR-E92214

Mr. Steve Mathis, Senior Environmental Specialist
NJ Department of Environmental Protection and Energy
Office of Enforcement Policy
Southern Bureau of Water and Hazardous Waste Enforcement
20 East Clementon Road
Gibbsboro, NJ 08026

Dear Mr. Mathis:

HOPE CREEK GENERATING STATION
NJPDDES PERMIT NO. NJ0025411
COPPER EXCEEDANCE AT LV&OW SYSTEM
CASE NO. 92-07-22-0746-40

In accordance with NJAC 7:14A-3:10, PSE&G is reporting a discharge in exceedance of the daily maximum permit limitation for copper at the Hope Creek Generating Station on July 15, 1992. The discharge occurred to the Delaware River through the Low Volume and Oily Waste (LV&OW) system outfall, DSN 461C.

PSE&G became aware of the exceedance on July 21 when the sample results were reported by our contractor, South Jersey Testing Laboratory. The reported value of copper at that time was 0.30 mg/l. The permit limit for copper in the LV&OW system effluent is 0.2 mg/l. Upon receipt of this information, PSE&G directed South Jersey Testing to reanalyze the sample. The result of the reanalysis received later that same day was 0.29 mg/l. A call was placed to the NJDEPE Hotline reporting the permit exceedance on the morning of July 22. In addition, the LV&OW system effluent was sampled on both July 21 and 22 to determine the status of the discharge. These samples were analyzed by PSE&G and, although not certified for copper analyses, preliminary results indicate that this outfall is back in compliance. Duplicate samples have been sent to a certified laboratory for confirmation.

S. Mathis
NLR-E92214

2

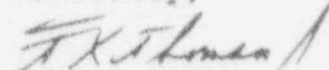
JUL 24 1992

The cause of the exceedance is unknown at the present time and an investigation is underway. Monitoring of an upstream lift station by Station personnel did not indicate any significant copper concentration. Station personnel are reviewing influent sources to the LV&OW system for possible copper contributions. If found, actions will be taken to reduce or eliminate the copper discharge.

PSE&G has also initiated daily sampling of the LV&OW system effluent for the remainder of July for analysis by both in-house and contract laboratories. In-house data will be used to trigger additional upstream monitoring in an effort to locate the copper source.

If you have any comments or questions regarding this matter, please contact Pat McCabe of my staff at (609) 339-1245.

Sincerely,



F. X. Thomson, Jr.

Manager -

Licensing and Regulation

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

REPORT NO.

REPORTING PERIOD

MO. YR.

MO. YR.

010121514111

017191 THRU 017192

PERMITTEE:

Name Public Service Electric & Gas Company

Address P. O. Box 236

Hancocks Bridge, N. J. 08038

FACILITY:

Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N. J. (County) Salem

Telephone (609) 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 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]

Date 8/25/92

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Joseph J. Hagan

General Manager

Title (Printed) Hope Creek Operations

Signature [Signature]

Date 8/25/92

3

Month 07 Year 92

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

Day of Month	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Licensed Operator	12	-	-	9	8	8	-	-	-	-	8	6	9	9	-
Others	10	3	3	10	10	10	10	10	3	3	10	10	10	10	10

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

0012514111

012192 THRU 012192

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 (envy) 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 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 NURK

Grade & Registry No. S-4 (54542)

Signature Andres Nurk

Date 8/6/92

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Joseph J. Hagan

Title (Printed) General Manager
Hope Creek Operations

Signature [Signature]

Date 8/25/92

OPERATING EXCEPTIONS DETAILED

East Clarifier off line due to
rapid settling rate and low overflow
rate.

HOURS ATTENDED AT PLANT

Month 07

Year 1912

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

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0025411

461A

PERMIT NUMBER

DISCHARGE NUMBER

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

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

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	92	07	01		92	07	31
	(20-21)	(22-23)	(24-25)		(26-27)	(28-29)	(30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

DMR NUMBER: 92070486

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-65)			NO. EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	31.2	33.6	0	cont	
	PERMIT REQUIREMENT	*****	*****	0400 0000	*****	REPORT MNTH AVG	35.60000 DLY MAX	DEG.C	CONTIN UOUS	
TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	25.9	27.7	-	cont	
	PERMIT REQUIREMENT	*****	*****	0000 0000	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C	CONTIN UOUS	
PH	SAMPLE MEASUREMENT	*****	*****		7		8	0	2/wk	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	0000 0000	6.00000X MINIMUM	*****	9.00000X MAXIMUM	SU	TWICE/GRAB WEEK	
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	138	150	-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	0000 0000	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	
SOLIDS, TOTAL SUSPENDED 00530 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	-1	15	-	2/mo	Calc
	PERMIT REQUIREMENT	*****	*****	0000 0000	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/CALCULATED MONTH	
SOLIDS, TOTAL SUSPENDED 00530 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	140	144	-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	0000 0000	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1	-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	0000 0000	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L	TWICE/GRAB MONTH	

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

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609-339-3463

92 08 25

AREA
CODE

NUMBER

YEAR

MO

DAY

SAMPLES FOR COPPER, ZINC & CADMIUM ARE REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF
NOT USED, ENTER "NODI" FOR THESE METALS.

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

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

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

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

MONITORING PERIOD
FROM YEAR 92 MO 07 DAY 01 TO YEAR 92 MO 07 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

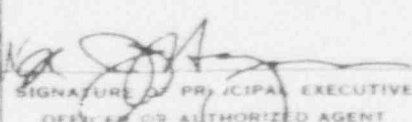
DMR NUMBER: 92070486

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			UNITS	NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX				
HYDROCARBONS, IN H ₂ O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<1		0	2/mo	Calc
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	10-***** DLY MAX	MG/L		TWICE/ MONTH	CALC
HYDROCARBONS, IN H ₂ O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	<0.1	<0.1		-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.28	0.29		-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.03	0.05		-	2/mo	Calc
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ MONTH	GRAB
PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM	SAMPLE MEASUREMENT	*****	*****		*****	0.24	0.26		-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	3.0	5.0		-	2/mo	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	MG/L		TWICE/ MONTH	GRAB
CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.6	<2		0	2/mo	Calc
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20-***** DLY MAX	MG/L		TWICE/ MONTH	GRAB

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 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
DATE
92 08 25
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. * NET values calculated from grab samples.

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

NAME PSEGG
ADDRESS P.O. BOX 236/N21
HANCOCKS BRIDGE, NJ 08036

FACILITY PSEGG HOPE CREEK GENERATING ST
LOCATION LOWER ALLOWAYS CREEK, NJ 08036
DMR NUMBER: 92070486

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER NJ0025411
DISCHARGE NUMBER 461A

MONITORING PERIOD
YEAR 92 TO 93
MONTH 01 TO 01
DAY 01 TO 31

Form Approved
OMB No. 2043-0004
Approval expires 6-30-91

COOLING TOWER BLOWDOWN
MAJOR SOUTHERN REGION
SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (46-51)		UNITS		QUALITY OR CONCENTRATION (54-61)		UNIT	NO. OF EX. ANALYSIS (62-69)	FREQUENCY OF ANALYSIS (74-81)	SAMPLE TYPE (89-99)
	(3 Card Only) (46-51)	(4 Card Only) (54-61)	(3 Card Only) (46-51)	(4 Card Only) (54-61)	(3 Card Only) (46-51)	(4 Card Only) (54-61)				
CARBON, TOT ORGANIC (TOC)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
00620 7 1 INTAKE FROM STREAM	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
CHROMIUM, TOTAL (AS CR)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
01034 1 0 EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
CHROMIUM, TOTAL (AS CR)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
01034 2 0 EFFLUENT NET VALUE	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
CHROMIUM, TOTAL (AS CR)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
01034 7 0 INTAKE FROM STREAM	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
COPPER, TOTAL (AS CU)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
01042 1 0 EFFLUENT GROSS VALUE	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
COPPER, TOTAL (AS CU)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
01042 2 0 EFFLUENT NET VALUE	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
COPPER, TOTAL (AS CU)	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000
01042 7 0 INTAKE FROM STREAM	000000	000000	000000	000000	000000	000000	000000	000000	000000	000000

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 SEVERAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR UP TO FIVE YEARS AND OR MAXIMUM imprisonment between 6 months and 5 years.

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

TYPED OR PRINTED

SAMPLING OPERATIONS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463
DATE 92 08 25
AREA NUMBER 609 339-3463
EXECUTIVE AGENT CODE 92 08 25

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

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE NJ 08038

FACILITY PSE&G HOPE CREEK GENERATING ST

LOCATION LOWER ALLOWAYS CREEK NJ 08038

DMF NUMBER: 92070486

PARAMETER (34-37)

ZINC TOTAL (AS ZN)

01092 10

EFFLUENT GROSS VALUE

ZINC TOTAL (AS ZN)

01092 10

EFFLUENT NET VALUE

ZINC TOTAL (AS ZN)

01092 70

INTAKE FROM STREAM

ASBESTOS (FIBROUS)

34225 10

EFFLUENT GROSS VALUE

ASBESTOS (FIBROUS)

34225 20

EFFLUENT NET VALUE

ASBESTOS (FIBROUS)

34225 70

INTAKE FROM STREAM

FLOW IN CONDUIT OR

THRU TREATMENT PLANT

50050 10

EFFLUENT GROSS VALUE

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

J. Hagan

General Manager

Hope Creek Operations

TYPED OR PRINTED

SAMPLE NUMBER, OF ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF

NOT USED, ENTER "NODI" FOR THESE METALS.

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

NAME PSE&G

ADDRESS P.O. BOX 236/N21

HANCOCKS BRIDGE NJ 08038

FACILITY PSE&G HOPE CREEK GENERATING ST

LOCATION LOWER ALLOWAYS CREEK NJ 08038

DMF NUMBER: 92070486

PARAMETER (34-37)

ZINC TOTAL (AS ZN)

01092 10

EFFLUENT GROSS VALUE

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER NJ0025411

PERMIT NUMBER 461A

DISCHARGE NUMBER

MONITORING PERIOD

YEAR 92 MONTH 07 DAY 31

FROM 12/23/91 TO 12/29/91

QUANTITY OR LOADING (34-35)

QUANTITY OR CONCENTRATION (34-36)

UNITS

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

SAMPLE MEASUREMENT

PERMIT REQUIREMENT

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PERMIT REQUIREMENT

SAMPLE MEASUREMENT

Form Approved

OMG No. 2040-0004

Approval expires 6-30-91

COOLING TOWER BLOWDOWN

MAJOR

SOUTHERN REGION

SALEM

NOTE: Read instructions before completing this form.

NO. EX

FREQUENCY OF ANALYSIS (34-38)

UNITS

SAMPLE TYPE (34-39)

REPORT DLY MAX

REPORT DLY MAX

REPORT DLY MAX

REPORT DLY MAX

REPORT DLY MAX

REPORT DLY MAX

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REPORT DLY MAX

REPORT DLY MAX

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

PAGE 4 OF 12

NOT BE USED: 08153-17453-72535-06431

TELEPHONE

DATE

AREA CODE

NUMBER

YEAR

MO

DAY

OFFICIAL EXECUTIVE

SIGNATURE

DATE

TELEPHONE

DATE

AREA CODE

NUMBER

YEAR

MO

DAY

OFFICIAL EXECUTIVE

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OFFICIAL EXECUTIVE

SIGNATURE

DATE

TELEPHONE

DATE

AREA CODE

NUMBER

YEAR

MO

DAY

OFFICIAL EXECUTIVE

SIGNATURE

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

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

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

(12.16) NJ0025411
PERMIT NUMBER
(17.19) 461A
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

MONITORING PERIOD
FROM YEAR 92 MO 07 DAY 01 TO YEAR 92 MO 07 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

COOLING TOWER BLOWDOWN
MAJOR SALEM
SOUTHERN REGION

DMR NUMBER: 92070486

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 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)
		Y (46-53)	X (46-53)	UNITS (54-61)	Y (54-61)	X (54-61)	X (54-61)	UNITS (54-61)			
CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****			<0.1		0	cont
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	*****	*****	MG/L NNTH AVG DLY MAX			CONTIN UOUS
HEAT (SUMMER) (PER HOUR) 81386 2 1 (ADMIN) EFFLUENT NET VALUE	SAMPLE MEASUREMENT	163.5	242		*****	*****	*****			0	cont Calc
	PERMIT REQUIREMENT	REPORT NNTH AVG	443.00000 DLY MAX	MBTU/ HR	*****	*****	*****	**** ***			CONTIN UOUS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	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 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 \$1,000 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 08 25
AREA
CODE
NUMBER
YEAR
MO
DAY

SAMPLE MEASUREMENT OF ANY VIOLATION OF THIS PERMIT IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.

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

NAME PSE&G
ADDRESS P.O. BOX 236/W21
HANCOCKS BRIDGE, NJ 08038

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

(2-18) MJ0025411 (17-19) 461C
PERMIT NUMBER 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

MONITORING PERIOD
FROM YEAR 92 MO 07 DAY 01 TO YEAR 92 MO 07 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

LOW VOLUME WW SYSTEM
MAJOR SALEM
SOUTHERN REGION

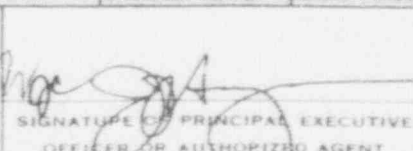
DMR NUMBER: 92070486

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) (46-53)	QUANTITY OR LOADING (54-61)	UNITS	(4 Card Only) (18-45)	QUALITY OR CONCENTRATION (46-53)	UNITS	NO. EX	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	20.8	23		-	1/wk Grab
PH	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	REPORT DLY MAX	DEG.C		WEEKLYGRAB
00400 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		8	*****	3		0	1/wk Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU		WEEKLYGRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	5	7		0	2/mo Comp
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	30.00000 MNTH AVG	100.00000 DLY MAX	MG/L		TWICE/COMPOS MONTH
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0	0		0	2/mo Grab
CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	10.00000 MNTH AVG	15.00000 DLY MAX	MG/L		TWICE/GRAB MONTH
COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0	0.43		0	2/mo Comp
	PERMIT REQUIREMENT	*****	*****	****	*****	35.00000 MNTH AVG	REPORT DLY MAX	MG/L		TWICE/COMPOS MONTH
	SAMPLE MEASUREMENT	*****	*****		*****	2.6	4		0	2/mo Comp
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	50.00000 DLY MAX	MG/L		TWICE/GRAB MONTH
	SAMPLE MEASUREMENT	*****	*****		*****	0.126	0.3		**1	10/mo Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTH AVG	20.00000 DLY MAX	MG/L		TWICE/GRAB MONTH

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 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 3 years.

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT


TELEPHONE
609 339-3463
AREA CODE NUMBER
DATE
YEAR 92 MO 08 DAY 25

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

* Permit requires composite samples.

** Please refer to the explanation of exceedances page and the attached 5-day report.

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

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

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

(2-16)
NJ0025411
PERMIT NUMBER

(17-19)
461C
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: **92070486**

MONITORING PERIOD
FROM YEAR **92** MO **07** DAY **01** TO YEAR **92** MO **07** DAY **31**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

LOW VOLUME WW SYSTEM
MAJOR **SALEM**
SOUTHERN REGION

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (58-65)			NO. EX (65-68)	FREQUENCY OF ANALYSIS (69-70)	SAMPLE TYPE (71-72)
		(46-53)	(54-61)	UNITS	(58-65)	(66-73)	(74-81)			
IRON, TOTAL (AS FE) 01045 1 0 EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 5005C 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1.005	1.230	-	6/mo	Grab
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT Mnth Avg	REPORT Dly Max	MG/L	THICE/GRAB MONTH	
	SAMPLE MEASUREMENT	0.007	0.01		*****	*****	*****	0	Cont	
	PERMIT REQUIREMENT	REPORT Mnth Avg	REPORT 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 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 INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 3 years.)	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT 	TELEPHONE	DATE		
			609 339-3463 AREA CODE NUMBER	92 YEAR	08 MO	25 DAY

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

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

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0025411

PERMIT NUMBER

462A

DISCHARGE NUMBER

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

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

DMR NUMBER: **92070486**

MONITORING PERIOD

FROM YEAR **92** MO **07** DAY **01** TO YEAR **92** MO **07** DAY **31**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

NORTH STORM DRAIN

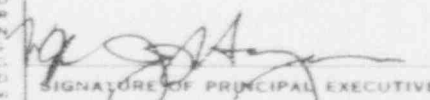
SAJCR

SALEM

SOUTHERN REGION

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX (52-53)	FREQUENCY OF ANALYSIS (54-55)	SAMPLE TYPE (56-57)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.1	0	1/mo	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	U	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	111	111	-	1/mo	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	*****	*****		*****	<0.10	<1	0	1/mo	Grab
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT Mnth AVG	15.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	5	5	0	1/mo	Grab
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT Mnth AVG	50.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.20	0.20		*****	*****	*****	-	1/mo	
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 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 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		
			AREA CODE 609	NUMBER 339-3463	YEAR 92	MO 00	DAY 25

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. *Unable to meet sampling criteria due to weather that occurred during normal working hours was not long enough for 30min and 45min samples.

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) **NJ0025411**

PERMIT NUMBER

(17-19) **462B**

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**

MONITORING PERIOD
FROM YEAR **92** MO **07** DAY **01** TO YEAR **92** MO **07** DAY **31**
(120-21) (122-23) (124-25) (126-27) (128-29) (130-31)

SEWAGE **M-W**
MAJOR **SALEM**
SOUTHERN REGION

NOTE: Read instructions before completing this form.

DMR NUMBER: **92070486**

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-51)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (69-70)
		XXXXXXX	XXXXXXX	UNITS	XXXXXXX	XXXXXXX	XXXXXXX			
BOD, 5-DAY (20 DEG. C) 00310 6 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	52.3	52.3		*****	384	384	-	1/mo	Grab
	PERMIT REQUIREMENT	REPORT MONTH AVG	REPORT DLY MAX	KG/ DAY	*****	REPORT MONTH AVG	REPORT DLY MAX		ONCE/ MONTH	GRAB
BOD, 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.2	1.22		*****	9	9	0	1/mo	Grab
	PERMIT REQUIREMENT	REPORT MONTH AVG	REPORT DLY MAX	KG/ DAY	*****	REPORT MONTH AVG	REPORT DLY MAX		ONCE/ MONTH	GRAB
PH	SAMPLE MEASUREMENT	*****	*****		6.2	*****	7.4	0	2/wk	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	6.00000 MINIMUM	*****	9.00000 MAXIMUM		TWICE/ WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 6 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	*****	*****		*****	826	826	-	1/mo	Comp
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	REPORT MONTH AVG	REPORT DLY MAX		ONCE/ MONTH	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	19	19	0	1/mo	Comp
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	30.00000 MONTH AVG	100.00000 DLY MAX		ONCE/ MONTH	COMPOS
OIL AND GREASE FREDN EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	6	6	0	1/mo	Grab
	PERMIT REQUIREMENT	*****	*****	**** ****	*****	10.00000 MONTH AVG	15.00000 DLY MAX		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.032	0.047		*****	*****	*****	-	Daily	Floind
	PERMIT REQUIREMENT	REPORT MONTH AVG	REPORT DLY MAX	MGD	*****	*****	*****	**** ***	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 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. § 1315. (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 92 08 25
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS: **Frequency was 3/wk for weeks ending 7/12 and 7/26.**

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)
NJ0025411
PERMIT NUMBER

(17-19)
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: 92070486

MONITORING PERIOD
FROM YEAR 92 MO 07 DAY 01 TO YEAR 92 MO 07 DAY 31
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SEWAGE W.W.
MAJOR
SOUTHERN REGION
SALEM

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-65)	SAMPLE TYPE (66-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<1	<1	0	1/mo	Grab
	PERMIT REQUIREMENT	*****	*****	****	*****	200-00000 MONTHLY	400-00000 WKLY GED	2/100 ML	ONCE/ MONTH	GRAB
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****		97.6	97.6	*****	0	1/mo	Calc
	PERMIT REQUIREMENT	*****	*****	****	87-50000 MONAVMIN	REPORT AVERAGE	*****	PERCE NT	ONCE/ MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****		98	98	*****	0	1/mo	Calc
	PERMIT REQUIREMENT	*****	*****	****	85-00000 MONAVMIN	REPORT AVERAGE	*****	PERCE NT	ONCE/ MONTH	CALCTD
OXYGEN DEMAND FIRST STAGE 82210 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1.5	1.47		*****	10.8	10.8	0	1/mo	Calc
	PERMIT REQUIREMENT	8-20000 MNTN AVG	REPORT DLY MAX	KG/ DAY	*****	REPORT MNTN AVG	REPORT DLY MAX	MG/L	ONCE/ MONTH	CALCTD
	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 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.)	TELEPHONE		DATE		
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	609 AREA CODE	339-3463 NUMBER	92 YEAR	08 MO

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

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

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

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

(2-16) **NJ0025411**
 PERMIT NUMBER
 (17-19) **463A**
 DISCHARGE NUMBER

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

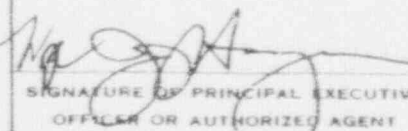
FACILITY **PSE&G HOPE CREEK GENERATING ST**
 LOCATION **LOWER ALLOWAYS CREE, NJ 08038**
 DMR NUMBER: **92070486**

MONITORING PERIOD
 FROM YEAR **92** MO **07** DAY **01** TO YEAR **92** MO **07** DAY **31**
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTH STORM DRAIN
MAJOR SALEM
SOUTHERN REGION

NOTE: Read instructions before completing this form.

PARAMETER (32-37)		(3 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (38-45)			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
PH	SAMPLE MEASUREMENT	*****	*****		7.7	*****	7.7	0	1/mo	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.00000 MINIMUM	*****	9.00000 MAXIMUM	SU	ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		*****	116	116	-	1/mo	Grab
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTY AVG	REPORT DLY MAX	MG/L	ONCE/ MONTH	GRAB
HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		*****	<0.10	<1	0	1/mo	Grab
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTY AVG	15.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB-3
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		*****	36	36	0	1/mo	Grab
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MNTY AVG	50.00000 DLY MAX	MG/L	ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.22	0.22		*****	*****	*****	-	1/mo	
50050 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MNTY AVG	REPORT DLY MAX	MGD	*****	*****	*****	****	ONCE/ MONTH	
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									
	SAMPLE MEASUREMENT									
	PERMIT REQUIREMENT									

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 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	DATE 92 08 25
TYPED OR PRINTED		OFFICIAL OR AUTHORIZED AGENT	AREA CODE 609	NUMBER 339-3463

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. *Unable to meet sampling criteria due to the sole discharge event that occurred during normal working hours was not long enough for 30min and 45min samples.

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

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

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

PERMIT NUMBER **NJ0025411**
CHECK NUMBER **464A**

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

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

MONITORING PERIOD
FROM YEAR **92** MO **07** DAY **01** TO YEAR **92** MO **07** DAY **31**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

PERIM STORM DRAIN
MAJOR
SOUTHERN REGION
SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: 92070486

PARAMETER (32-37)		(1 Card Only) QUANTITY OR LOADING (46-53)			(4 Card Only) QUALITY OR CONCENTRATION (46-53)			NO EX	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
		XXXXXX	XXXXXX	UNITS	XXXXXX	XXXXXX	XXXXXX			
PH	SAMPLE MEASUREMENT	*****	*****		7.2	*****	7.2	0	1/mo	Grab
00400 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	6.0000 MINIMUM	*****	9.0000 MAXIMUM		ONCE/ MONTH	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	*****	*****		42	*****	42	-	1/mo	Grab
00530 1 1 (ADMIN) EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	***** Mnth Avg	*****	***** Dly Max		ONCE/ MONTH	GRAB
HYDROCARBONS, IN H ₂ O, IR, CC14 EXT. CHROMAT	SAMPLE MEASUREMENT	*****	*****		<0.10	*****	<1	0	1/mo	Grab
00551 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	***** Mnth Avg	*****	15.0000 Dly Max		ONCE/ MONTH	GRAB
CARBON, TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	*****	*****		17	*****	17	0	1/mo	Grab
00680 1 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	**** ****	***** Mnth Avg	*****	50.0000 Dly Max		ONCE/ MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.28	0.28		*****	*****	*****	-	1/mo	
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

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 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

AREA CODE

NUMBER

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY ABNORMAL 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. *Unable to meet sampling criteria due to the sole discharge event that occurred during normal working hours was not long enough for 30min and 45min samples.