



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

Hope Creek Generating Station

March 25, 1993

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 February 1993.

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,

Robert J. Hovey  
General Manager -  
Hope Creek Operations

010040

9304010282 930228  
PDR ADOCK 05000354  
R PDR

JE23

NJPDES

2

3/25/93

*MR* CW:eaj  
Attachments

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

NJPDES  
Explanation of conditions  
February 1993

3/25/93

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)  
Princeton Testing Laboratory, Inc. (11118)

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

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 February 1993 revision of the NJDEP DMR Instruction manual and specific guidance from DEP personnel.

NJPDES  
Explanation of Exceedances  
February 1993

3/25/93

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.

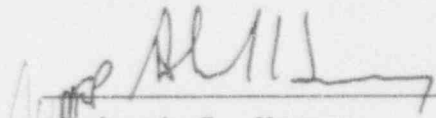
EXPLANATION

No Exceedances

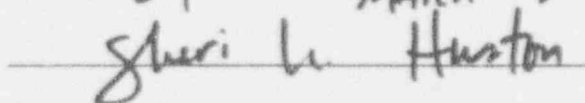
COUNTY OF SALEM  
STATE OF NEW JERSEY

I, Robert J. Hovey, 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.

  
Robert J. Hovey  
General Manager -  
Hope Creek Operations

Sworn and subscribed before me  
this 24 day of March 1993.

  
Sheri L. Huston

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

01025411

012913 THRU 012913

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) 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 ☐ ☒

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. 7N-2) N-0939

Signature [Signature]

Date 3/25/93

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

Title (Printed) General Manager  
Hope Creek Operations

Signature [Signature]

Date 3/25/93

# ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

| <u>DISCHARGE NUMBER</u> |           |    |                                                                                                                                                                              |
|-------------------------|-----------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PAGE                    | PARAMETER |    | COMMENTS                                                                                                                                                                     |
| <u>461A</u>             | NOTES     |    |                                                                                                                                                                              |
| 2                       | 00665 2 1 | *  | NET values calculated from grab                                                                                                                                              |
| 2                       | 00680 2 1 |    | samples.                                                                                                                                                                     |
| 5                       | 81387 2 0 | *  | Interim limit for Net Heat Release from DSN-461A is 731 MBTU/HR for the period of Oct-May.                                                                                   |
| <u>461C</u>             |           |    |                                                                                                                                                                              |
| 6                       | 00680 1 1 | *  | Samples obtained were composites in accordance with permit requirements.                                                                                                     |
| <u>462A</u>             |           |    |                                                                                                                                                                              |
| 8                       | 00530 1 0 | ** | TSS limits have been lifted under terms of the ACO.                                                                                                                          |
|                         | 00551 1 0 | *  | 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. |
| <u>463A</u>             |           |    |                                                                                                                                                                              |
| 11                      | 00530 1 0 | ** | TSS limits have been lifted under terms of the ACO.                                                                                                                          |
|                         | 00551 1 0 | *  | 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. |
| <u>464A</u>             |           |    |                                                                                                                                                                              |
| 12                      | 00530 1 0 | ** | TSS limits have been lifted under terms of the ACO.                                                                                                                          |
|                         | 00551 1 0 | *  | 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. |

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

## MONITORING REPORT - TRANSMITTAL SHEET

NJDES NO.

REPORTING PERIOD

MO. YR.

MO. YR.

000 25 4 11

02 93 THRU 02 93

## PERMITTEE:

Name Public Service Electric &amp; 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) Andres Nurk

Grade &amp; Registry No. S-4(S4542)

Signature *Andres Nurk*

Date 3/8/93

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

Title (Printed) General Manager  
Hope Creek OperationsSignature *Robert J. Hovey*

Date 3/25/93



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)

NJ0025411

PERMIT NUMBER

461A

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: 93020475

MONITORING PERIOD

FROM YEAR 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(120-21) (122-23) (124-25) (126-27) (128-29) (130-31)

COOLING TOWER BLOWDOWN  
MAJOR SALEM  
SOUTHERN REGION

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                                       |                       | (1 Card Only) QUANTITY OR LOADING<br>(46-53) |        |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(18-43) |                    |                     | NO.<br>EX | FREQUENCY<br>OF ANALYSIS | SAMPLE<br>TYPE |
|----------------------------------------------------------------------------|-----------------------|----------------------------------------------|--------|-------|---------------------------------------------------|--------------------|---------------------|-----------|--------------------------|----------------|
|                                                                            |                       | XXXXXX                                       | XXXXXX | UNITS | XXXXXX                                            | XXXXXX             | XXXXXX              |           |                          |                |
| TEMPERATURE, WATER<br>DEG. CENTIGRADE<br>00010 1 1<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | 18.1               | 20.9                | 0         | CONTIN<br>UOUS           |                |
|                                                                            | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | REPORT<br>Mnth Avg | 35.60000<br>DLY MAX | DEG.C     | CONTIN<br>UOUS           |                |
| TEMPERATURE, WATER<br>DEG. CENTIGRADE<br>00010 7 1<br>INTAKE FROM STREAM   | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | 2.3                | 3.3                 | 0         | CONTIN<br>UOUS           |                |
|                                                                            | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | REPORT<br>Mnth Avg | REPORT<br>DLY MAX   | DEG.C     | CONTIN<br>UOUS           |                |
| PH                                                                         | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | 8                  | 9                   | 0         | TWICE/<br>WEEK           | GRAB           |
| 00400 1 0<br>EFFLUENT GROSS VALUE                                          | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | 6.00000<br>MINIMUM | 9.00000<br>MAXIMUM  | SU        | TWICE/<br>WEEK           | GRAB           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0<br>EFFLUENT GROSS VALUE            | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | 171                | 210                 | 0         | TWICE/<br>MONTH          | GRAB           |
|                                                                            | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | REPORT<br>Mnth Avg | REPORT<br>DLY MAX   | MG/L      | TWICE/<br>MONTH          | GRAB           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 2 0<br>EFFLUENT NET VALUE              | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | 60                 | 104                 | 0         | TWICE/<br>MONTH          | CALCTD         |
|                                                                            | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | REPORT<br>Mnth Avg | REPORT<br>DLY MAX   | MG/L      | TWICE/<br>MONTH          | CALCTD         |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0<br>INTAKE FROM STREAM              | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | 111                | 116                 | 0         | TWICE/<br>MONTH          | GRAB           |
|                                                                            | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | REPORT<br>Mnth Avg | REPORT<br>DLY MAX   | MG/L      | TWICE/<br>MONTH          | GRAB           |
| HYDROCARBONS, IN H2O,<br>IR, C14 EXT. CHROMAT                              | SAMPLE<br>MEASUREMENT | *****                                        | *****  |       | *****                                             | <0.10              | <0.10               | 0         | TWICE/<br>MONTH          | GRAB           |
| 00551 1 0<br>EFFLUENT GROSS VALUE                                          | PERMIT<br>REQUIREMENT | *****                                        | *****  | ****  | *****                                             | REPORT<br>Mnth Avg | REPORT<br>DLY MAX   | MG/L      | TWICE/<br>MONTH          | GRAB           |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Robert J. Hovey  
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 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

93 03 25

AREA  
CODE

NUMBER

YEAR

MO

DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Required if any)  
SAMPLING FOR CU, 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

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

(2-16) **NJ0025411**  
 PERMIT NUMBER

(2-17) **461A**  
 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 | MO | DAY | TO | YEAR | MO | DAY |
|      | 93   | 02 | 01  |    | 93   | 02 | 28  |

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

COOLING TOWER BLOWDOWN  
 MAJOR SALEM  
 SOUTHERN REGION

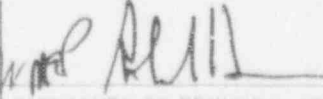
NOTE: Read instructions before completing this form.

DMR NUMBER: 93020475

| PARAMETER<br>(32-37)                                                                           |                    | (1 Card Only) QUANTITY OR LOADING<br>(46-53) |       |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                    |                     | NO.<br>EX | FREQUENCY<br>OF ANALYSIS<br>(62-63) | SAMPLE<br>TYPE<br>(64-71) |
|------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------|-------|-------|---------------------------------------------------|--------------------|---------------------|-----------|-------------------------------------|---------------------------|
|                                                                                                |                    | Y                                            | X     | UNITS | Y                                                 | X                  | UNITS               |           |                                     |                           |
| HYDROCARBONS, IN H <sub>2</sub> O,<br>IR, CC14 EXT. CHROMAT<br>00551 2 0<br>EFFLUENT NET VALUE | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | <0.10              | <0.10               | 0         | TWICE/MONTH                         | CALCID                    |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | 10.00000<br>DLY MAX | MG/L      | TWICE/MONTH                         | CALCID                    |
| HYDROCARBONS, IN H <sub>2</sub> O,<br>IR, CC14 EXT. CHROMAT<br>00551 7 0<br>INTAKE FROM STREAM | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | <0.10              | <0.10               | 0         | TWICE/MONTH                         | GRAB                      |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | REPORT<br>DLY MAX   | MG/L      | TWICE/MONTH                         | GRAB                      |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 1 1<br>EFFLUENT GROSS VALUE                               | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | 0.32               | 0.40                | 0         | TWICE/MONTH                         | GRAB                      |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | REPORT<br>DLY MAX   | MG/L      | TWICE/MONTH                         | GRAB                      |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 2 1<br>EFFLUENT NET VALUE                                 | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | 0.07               | 0.18                | 0         | TWICE/MONTH                         | CALCID                    |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | REPORT<br>DLY MAX   | MG/L      | TWICE/MONTH                         | GRAB                      |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 7 1<br>INTAKE FROM STREAM                                 | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | 0.24               | 0.27                | 0         | TWICE/MONTH                         | GRAB                      |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | REPORT<br>DLY MAX   | MG/L      | TWICE/MONTH                         | GRAB                      |
| CARBON, TOT ORGANIC<br>(TOC)<br>00680 1 1<br>EFFLUENT GROSS VALUE                              | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | 11.0               | 14.0                | 0         | TWICE/MONTH                         | GRAB                      |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | REPORT<br>DLY MAX   | MG/L      | TWICE/MONTH                         | GRAB                      |
| CARBON, TOT ORGANIC<br>(TOC)<br>00680 2 1<br>EFFLUENT NET VALUE                                | SAMPLE MEASUREMENT | *****                                        | ***** |       | *****                                             | 4                  | 4                   | 0         | TWICE/MONTH                         | CALCID                    |
|                                                                                                | PERMIT REQUIREMENT | *****                                        | ***** | ****  | *****                                             | REPORT<br>MNTH AVG | 20.00000<br>DLY MAX | MG/L      | TWICE/MONTH                         | GRAB                      |

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

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1319. (Penalties under this statute may include fines up to \$100,000 and/or maximum imprisonment of between 5 months and 5 years.)

  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

|           |          |      |    |     |
|-----------|----------|------|----|-----|
| TELEPHONE |          | DATE |    |     |
| 609       | 339-3463 | 93   | 03 | 25  |
| AREA CODE | NUMBER   | YEAR | MO | DAY |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference to Attachment, if any)  
 SAMPLING FOR CU, 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 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 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(20 21) (22 23) (24 25) (26 27) (28 29) (30 31)

COOLING TOWER BLOWDOWN  
MAJOR SALEM  
SOUTHERN REGION

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)           |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |         |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(58-65) |                 |                | UNITS | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-65) | SAMPLE TYPE<br>(69-70) |
|--------------------------------|--------------------|----------------------------------------------|---------|-------|---------------------------------------------------|-----------------|----------------|-------|-------------------|----------------------------------|------------------------|
|                                |                    | XXXXXXX                                      | XXXXXXX | UNITS | XXXXXXX                                           | XXXXXXX         | XXXXXXX        |       |                   |                                  |                        |
| CARBON, TOT ORGANIC (TOC)      | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | 7.0             | 10.0           |       | 0                 | TWICE/MONTH                      | Grab                   |
| 00680 7 1 INTAKE FROM STREAM   | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| CHROMIUM, TOTAL (AS CR)        | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | NODI            | NODI           |       | -                 | -                                | -                      |
| 01034 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| CHROMIUM, TOTAL (AS CR)        | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | NODI            | NODI           |       | -                 | -                                | -                      |
| 01034 2 0 EFFLUENT NET VALUE   | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | 20000 DLY MAX  | MG/L  |                   | TWICE/MONTH                      | CALC'D                 |
| CHROMIUM, TOTAL (AS CR)        | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | NODI            | NODI           |       | -                 | -                                | -                      |
| 01034 7 0 INTAKE FROM STREAM   | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| COPPER, TOTAL (AS CU)          | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | NODI            | NODI           |       | -                 | -                                | -                      |
| 01042 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| COPPER, TOTAL (AS CU)          | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | NODI            | NODI           |       | -                 | -                                | -                      |
| 01042 2 0 EFFLUENT NET VALUE   | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | 20000 DLY MAX  | MG/L  |                   | TWICE/MONTH                      | CALC'D                 |
| COPPER, TOTAL (AS CU)          | SAMPLE MEASUREMENT | *****                                        | *****   |       | *****                                             | NODI            | NODI           |       | -                 | -                                | -                      |
| 01042 7 0 INTAKE FROM STREAM   | PERMIT REQUIREMENT | *****                                        | *****   | ****  | *****                                             | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                   | TWICE/MONTH                      | GRAB                   |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Robert J. Hovey  
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 5 years.)

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

TELEPHONE 609 339-3463 DATE 93 03 25  
AREA CODE NUMBER YEAR MO DAY

SAMPLING FOR CU, 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 PSEG  
ADDRESS P.O. BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

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

NJ0025411  
PERMIT NUMBER

461A  
DISCHARGE NUMBER

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 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(120-21) (122-23) (124-25) (126-27) (128-29) (130-31)

COOLING TOWER BLOWDOWN

MAJOR

SALEM

SOUTHERN REGION

NOTE: Read instructions before completing this form.

DMR NUMBER: 93020475

| PARAMETER<br>(32-37)                                             |                       | (1 Card Only)<br>QUANTITY OR LOADING<br>(46-51) |                    |              | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(54-61) |                   |                  | UNITS       | NO.<br>EX | FREQUENCY<br>OF<br>ANALYSIS | SAMPLE<br>TYPE |
|------------------------------------------------------------------|-----------------------|-------------------------------------------------|--------------------|--------------|------------------------------------------------------|-------------------|------------------|-------------|-----------|-----------------------------|----------------|
|                                                                  |                       | XXXXXX                                          | XXXXXX             | UNITS        | XXXXXX                                               | XXXXXX            | XXXXXX           |             |           |                             |                |
| CHLORINE, TOTAL<br>RESIDUAL<br>50060 1 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | *****                                           | *****              |              | *****                                                | <0.1              | <0.1             |             | 0         | CONTIN<br>UOUS              |                |
| HEAT (WINTER)<br>(PER HOUR)<br>81387 2 0<br>EFFLUENT NET VALUE   | PERMIT<br>REQUIREMENT | *****                                           | *****              | ****<br>**** | *****                                                | 20000<br>Mnth Avg | 50000<br>Dly Max | MG/L        |           | CONTIN<br>UOUS              |                |
|                                                                  | SAMPLE<br>MEASUREMENT | 315                                             | 403                |              | *****                                                | *****             | *****            |             | 0         | CONTIN<br>UOUS              | CALCUL         |
|                                                                  | PERMIT<br>REQUIREMENT | REPORT<br>Mnth Avg                              | 315-403<br>Dly Max | MBTU/<br>HR  | *****                                                | *****             | *****            | ****<br>*** |           | CONTIN<br>UOUS              | CALCUL         |
|                                                                  | SAMPLE<br>MEASUREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | PERMIT<br>REQUIREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | SAMPLE<br>MEASUREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | PERMIT<br>REQUIREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | SAMPLE<br>MEASUREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | PERMIT<br>REQUIREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | SAMPLE<br>MEASUREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | PERMIT<br>REQUIREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | SAMPLE<br>MEASUREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |
|                                                                  | PERMIT<br>REQUIREMENT |                                                 |                    |              |                                                      |                   |                  |             |           |                             |                |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
Robert J. Hovey  
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  
18 USC 1011. Penalties under these statutes may include fines up to \$10,000  
and/or maximum imprisonment of between 6 months and 3 years.

[Signature]  
SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463  
DATE 93 03 25  
AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all violations by name)  
SAMPLING FOR CU, 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 PSEG  
ADDRESS P.O. BOX 236/N21  
HANCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2/18) (17/19)

NJ0025411

PERMIT NUMBER

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: 93020475

MONITORING PERIOD

FROM YEAR 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(20/21) (22/23) (24/25) (26/27) (28/29) (30/31)

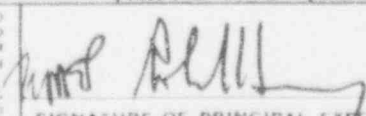
LOW VOLUME WW SYSTEM

MAJOR

SALLM

SOUTHERN REGION

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                                        | X                  | (1 Card Only) QUANTITY OR LOADING<br>(46-51)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |        |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(48-53) |                     |                                                              | UNITS | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|-------------------------------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------|---------------------------------------------------|---------------------|--------------------------------------------------------------|-------|-------------------|----------------------------------|------------------------|
|                                                             |                    | XXXXXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | XXXXXX | UNITS | XXXXXX                                            | XXXXXX              | XXXXXX                                                       |       |                   |                                  |                        |
| TEMPERATURE, WATER<br>DEG. CENTIGRADE<br>00010 1 1          | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 000000                                            | 12.7                | 14.0                                                         | DEG C | 0                 | WEEKLY                           | GRAB                   |
| EFFLUENT GROSS VALUE<br>PH                                  | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 000000                                            | REPORT<br>MNTH AVG  | REPORT<br>DLY MAX                                            |       |                   | WEEKLY                           | GRAB                   |
| 00400 1 0                                                   | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 7                                                 | 000000              | 8                                                            |       | 0                 | WEEKLY                           | GRAB                   |
| EFFLUENT GROSS VALUE                                        | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 6.0000<br>MINIMUM                                 | 000000              | 9.0000<br>MAXIMUM                                            | SU    |                   | WEEKLY                           | GRAB                   |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0                     | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 000000                                            | 3                   | 5                                                            |       | 0                 | TWICE/MONTH                      | COMPOS                 |
| EFFLUENT GROSS VALUE                                        | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 000000                                            | 30.0000<br>MNTH AVG | 100.0000<br>DLY MAX                                          | MG/L  |                   | TWICE/MONTH                      | COMPOS                 |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT<br>00551 1 0 | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 000000                                            | 1                   | 1                                                            |       | 0                 | TWICE/MONTH                      | GRAB                   |
| EFFLUENT GROSS VALUE                                        | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 000000                                            | 10.0000<br>MNTH AVG | 15.0000<br>DLY MAX                                           | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| NITROGEN, AMMONIA<br>TOTAL (AS N)<br>00610 1 0              | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 000000                                            | 0                   | 0                                                            |       | 0                 | TWICE/MONTH                      | COMPOS                 |
| EFFLUENT GROSS VALUE                                        | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 000000                                            | 35.0000<br>MNTH AVG | REPORT<br>DLY MAX                                            | MG/L  |                   | TWICE/MONTH                      | COMPOS                 |
| CARBON, TOT ORGANIC<br>(TOC)<br>00680 1 1                   | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 000000                                            | 10                  | 16                                                           |       | 0                 | TWICE/MONTH                      | COMPOS                 |
| EFFLUENT GROSS VALUE                                        | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 000000                                            | REPORT<br>MNTH AVG  | 50.0000<br>DLY MAX                                           | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| COPPER, TOTAL<br>(AS CU)<br>01042 1 0                       | SAMPLE MEASUREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 |       | 000000                                            | <0.02               | <0.02                                                        |       | 0                 | TWICE/MONTH                      | GRAB                   |
| EFFLUENT GROSS VALUE                                        | PERMIT REQUIREMENT | 000000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 000000 | 0000  | 000000                                            | REPORT<br>MNTH AVG  | 2.0000<br>DLY MAX                                            | MG/L  |                   | TWICE/MONTH                      | GRAB                   |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                      |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 42 USC § 1339. (Penalties under these statutes may include fines up to \$1,000 and/or maximum imprisonment of between 6 months and 1 year.) |        |       |                                                   |                     | TELEPHONE                                                    |       | DATE              |                                  |                        |
| Robert J. Hovey<br>General Manager<br>Hope Creek Operations |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |        |       |                                                   |                     | 609 339-3463                                                 |       | 93 03 25          |                                  |                        |
| TYPED OR PRINTED                                            |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        |       |                                                   |                     | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |       | AREA CODE NUMBER  |                                  | YEAR MO DAY            |

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)

NJ0025411  
 PERMIT NUMBER

461C  
 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              |          |          | TO       |          |          |  |  |  |
| YEAR              | MO       | DAY      | YEAR     | MO       | DAY      |  |  |  |
| 93                | 02       | 01       | 93       | 02       | 28       |  |  |  |
| (120-21)          | (122-23) | (124-25) | (126-27) | (128-29) | (130-31) |  |  |  |

LOW VOLUME WW SYSTEM  
 MAJOR SALLM  
 SOUTHERN REGION

NOTE: Read instructions before completing this form.

DMR NUMBER: 93020475

| PARAMETER<br>(32-37)                                                                                                                            |                    | (1 Card Only) QUANTITY OR LOADING<br>(46-53) |                   |              | (4 Card Only) QUALITY OR CONCENTRATION<br>(46-53) |                    |                   |             | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------|-------------------|--------------|---------------------------------------------------|--------------------|-------------------|-------------|----------------------|----------------------------------------|---------------------------|
|                                                                                                                                                 |                    | XXXXXXX                                      | XXXXXXX           | UNITS        | XXXXXXX                                           | XXXXXXX            | XXXXXXX           | UNITS       |                      |                                        |                           |
| IRON, TOTAL<br>(AS FE)<br>01045 1 0<br>EFFLUENT GROSS VALUE<br>FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | *****                                        | *****             |              | *****                                             | 1.7                | 2.8               |             | 0                    | TWICE/MONTH                            | GRAB                      |
|                                                                                                                                                 | PERMIT REQUIREMENT | *****                                        | *****             | ****<br>**** | *****                                             | REPORT<br>Mnth AVG | REPORT<br>DLY MAX | MG/L        |                      | TWICE/GRAB<br>MONTH                    |                           |
|                                                                                                                                                 | SAMPLE MEASUREMENT | 0.06                                         | 0.10              |              | *****                                             | *****              | *****             |             | 0                    | CONTIN<br>UOUS                         |                           |
|                                                                                                                                                 | PERMIT REQUIREMENT | REPORT<br>Mnth AVG                           | REPORT<br>DLY MAX | MGD          | *****                                             | *****              | *****             | ****<br>*** |                      | CONTIN<br>UOUS                         |                           |
|                                                                                                                                                 | SAMPLE MEASUREMENT |                                              |                   |              |                                                   |                    |                   |             |                      |                                        |                           |
|                                                                                                                                                 | PERMIT REQUIREMENT |                                              |                   |              |                                                   |                    |                   |             |                      |                                        |                           |
|                                                                                                                                                 | 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  
Robert J. Hovey  
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 38 USC 51001 AND 33 USC 43319. (Penalties under these statutes may include fines up to \$10000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]  
 SIGNATURE OF PRINCIPAL EXECUTIVE  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE 609 339-3463 DATE 93 03 25  
 AREA CODE NUMBER YEAR MO DAY

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

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)

(216) NJ0025411 (1719)  
PERMIT NUMBER 462A  
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 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(20 21) (22 23) (24 25) (26 27) (28 29) (30 31)

NORTH STORM DRAIN  
MAJOR SALEM  
SOUTHERN REGION

DMR NUMBER: 93020475

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                           |                    | (1 Card Only)<br>QUANTITY OR LOADING<br>(46-51) |                   |       | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(54-61) |                      |                        | UNITS | NO<br>EX<br>(62-63) | FREQUENCY<br>OF<br>ANALYSIS<br>(64-65) | SAMPLE<br>TYPE<br>(66-70) |
|------------------------------------------------|--------------------|-------------------------------------------------|-------------------|-------|------------------------------------------------------|----------------------|------------------------|-------|---------------------|----------------------------------------|---------------------------|
|                                                |                    | <del>XXXXXX</del>                               | <del>XXXXXX</del> | UNITS | <del>XXXXXX</del>                                    | <del>XXXXXX</del>    | <del>XXXXXX</del>      |       |                     |                                        |                           |
| PH                                             | SAMPLE MEASUREMENT | *****                                           | *****             |       | 8.0                                                  | *****                | 8.0                    |       | 0                   | ONCE/MONTH                             | GRAB                      |
| 00400 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                           | *****             | ****  | 6.00000<br>MINIMUM                                   | *****                | 9.00000<br>MAXIMUM     | SU    |                     | ONCE/MONTH                             | GRAB                      |
| SOLIDS, TOTAL<br>SUSPENDED                     | SAMPLE MEASUREMENT | *****                                           | *****             |       | *****                                                | 5                    | 5                      |       | 0                   | ONCE/MONTH                             | GRAB                      |
| 00530 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                           | *****             | ****  | *****                                                | 30.00000<br>MNTH AVG | 250.00000<br>DLY MAX** | MG/L  |                     | ONCE/MONTH                             | GRAB                      |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT | *****                                           | *****             |       | *****                                                | <0.10                | <0.10                  |       | 0                   | ONCE/MONTH                             | GRAB*                     |
| 00551 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                           | *****             | ****  | *****                                                | REPORT<br>MNTH AVG   | 15.00000<br>DLY MAX    | MG/L  |                     | ONCE/MONTH                             | GRAB-3                    |
| CARBON, TOT ORGANIC<br>(TOC)                   | SAMPLE MEASUREMENT | *****                                           | *****             |       | *****                                                | 1                    | 1                      |       | 0                   | ONCE/MONTH                             | GRAB                      |
| 00680 1 1<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                           | *****             | ****  | *****                                                | REPORT<br>MNTH AVG   | 50.00000<br>DLY MAX    | MG/L  |                     | ONCE/MONTH                             | GRAB                      |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT    | SAMPLE MEASUREMENT | 0.158                                           | 0.158             |       | *****                                                | *****                | *****                  |       | 0                   | ONCE/MONTH                             |                           |
| 50050 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | REPORT<br>MNTH AVG                              | REPORT<br>DLY MAX | MGD   | *****                                                | *****                | *****                  | ****  |                     | ONCE/MONTH                             |                           |
|                                                | SAMPLE MEASUREMENT |                                                 |                   |       |                                                      |                      |                        |       |                     |                                        |                           |
|                                                | PERMIT REQUIREMENT |                                                 |                   |       |                                                      |                      |                        |       |                     |                                        |                           |
|                                                | SAMPLE MEASUREMENT |                                                 |                   |       |                                                      |                      |                        |       |                     |                                        |                           |
|                                                | PERMIT REQUIREMENT |                                                 |                   |       |                                                      |                      |                        |       |                     |                                        |                           |

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

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 18 USC § 1011. (Penalties under these statutes may include fines up to \$100K and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
W. H. Hovey

TELEPHONE  
609 339-3463  
AREA CODE NUMBER  
DATE  
93 03 25  
YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all violations to this section)  
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.



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) NJ0025411  
PERMIT NUMBER  
(17-19) 462B  
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 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(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.

DMR NUMBER: 93020475

| PARAMETER<br>(32-37)                                                             | X                  | (1 Card Only) QUANTITY OR LOADING<br>(46-51)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |              | (4 Card Only) QUALITY OR CONCENTRATION<br>(18-43) |                                 |                                 |             | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-65) | SAMPLE TYPE<br>(69-70) |    |     |
|----------------------------------------------------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------|---------------------------------------------------|---------------------------------|---------------------------------|-------------|-------------------|----------------------------------|------------------------|----|-----|
|                                                                                  |                    | XXXXXXX                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | XXXXXXX           | UNITS        | XXXXXXX                                           | XXXXXXX                         | XXXXXXX                         | UNITS       |                   |                                  |                        |    |     |
| BOD <sub>5</sub> -DAY<br>(20 DEG. C)<br>00310 6 0<br>RAW SEW/INFLUENT            | SAMPLE MEASUREMENT | 19.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 19.1              |              | *****                                             | 295                             | 295                             |             | 0                 | ONCE/MONTH                       | GRAB                   |    |     |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>MNTH AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>DLY MAX | KG/<br>DAY   | *****                                             | REPORT<br>MNTH AVG              | REPORT<br>DLY MAX               | MG/L        |                   | ONCE/MONTH                       | GRAB                   |    |     |
| BOD <sub>5</sub> -DAY<br>(20 DEG. C)<br>00310 1 0<br>EFFLUENT GROSS VALUE        | SAMPLE MEASUREMENT | 0.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0.4               |              | *****                                             | 7                               | 7                               |             | 0                 | ONCE/MONTH                       | GRAB                   |    |     |
|                                                                                  | PERMIT REQUIREMENT | <del>6-00000</del><br>MNTH AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | REPORT<br>DLY MAX | KG/<br>DAY   | *****                                             | REPORT<br>MNTH AVG              | REPORT<br>DLY MAX               | MG/L        |                   | ONCE/MONTH                       | GRAB                   |    |     |
| PH                                                                               | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             |              | 7.8                                               | *****                           | 8.1                             |             | 0                 | TWICE/WEEK                       | GRAB                   |    |     |
| 00400 1 0<br>EFFLUENT GROSS VALUE                                                | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             | ****<br>**** | <del>6-00000</del><br>MINIMUM                     | *****                           | <del>9-00000</del><br>MAXIMUM   | 50          |                   | TWICE/WEEK                       | GRAB                   |    |     |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 6 0<br>RAW SEW/INFLUENT                      | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             |              | *****                                             | 270                             | 270                             |             | 0                 | ONCE/MONTH                       | COMPOS                 |    |     |
|                                                                                  | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             | ****<br>**** | *****                                             | REPORT<br>MNTH AVG              | REPORT<br>DLY MAX               | MG/L        |                   | ONCE/MONTH                       | COMPOS                 |    |     |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0<br>EFFLUENT GROSS VALUE                  | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             |              | *****                                             | 11                              | 11                              |             | 0                 | ONCE/MONTH                       | COMPOS                 |    |     |
|                                                                                  | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             | ****<br>**** | *****                                             | <del>30-00000</del><br>MNTH AVG | <del>100-00000</del><br>DLY MAX | MG/L        |                   | ONCE/MONTH                       | COMPOS                 |    |     |
| OIL AND GREASE<br>FREON EXTR-GRAY METH<br>00556 1 0<br>EFFLUENT GROSS VALUE      | SAMPLE MEASUREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             |              | *****                                             | <1                              | <1                              |             | 0                 | ONCE/MONTH                       | GRAB                   |    |     |
|                                                                                  | PERMIT REQUIREMENT | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | *****             | ****<br>**** | *****                                             | <del>10-00000</del><br>MNTH AVG | <del>15-00000</del><br>DLY MAX  | MG/L        |                   | ONCE/MONTH                       | GRAB                   |    |     |
| FLOW, IN CONDUIT OR<br>TKRU TREATMENT PLANT<br>50050 1 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 0.012                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0.020             |              | *****                                             | *****                           | *****                           |             | 0                 | DAILY                            | FLOIND                 |    |     |
|                                                                                  | PERMIT REQUIREMENT | REPORT<br>MNTH AVG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>DLY MAX | MGD          | *****                                             | *****                           | *****                           | ****<br>*** |                   | DAILY                            | FLOIND                 |    |     |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                           |                    | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY 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 18 USC § 1333. Penalties under these statutes may include fines up to \$100,000 and/or maximum imprisonment of between 6 months and 5 years. |                   |              |                                                   |                                 |                                 |             | TELEPHONE         |                                  | DATE                   |    |     |
| R. Hovey<br>General Manager<br>Hope Creek Operations                             |                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                   |              |                                                   |                                 |                                 |             | 609 339-3463      |                                  | 93                     | 03 | 25  |
| TYPED OR PRINTED                                                                 |                    | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |              |                                                   |                                 |                                 |             | AREA CODE         | NUMBER                           | YEAR                   | MO | DAY |

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) (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: 93020475

| MONITORING PERIOD |         |         |         |    |         |         |         |
|-------------------|---------|---------|---------|----|---------|---------|---------|
| FROM              | YEAR    | MO      | DAY     | TO | YEAR    | MO      | DAY     |
|                   | 93      | 02      | 01      |    | 93      | 02      | 28      |
|                   | (20 21) | (22 23) | (24 25) |    | (26 27) | (28 29) | (30 31) |

SEWAGE W.W.  
MAJOR SALEM  
SOUTHERN REGION

NOTE: Read instructions before completing this form.

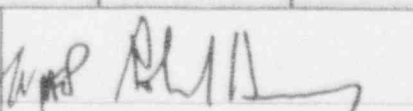
| PARAMETER<br>(32-37)                                                |                       | (1 Card Only)<br>QUANTITY OR LOADING<br>(46-51) |                   |            | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(54-61) |                                   |                                   | UNITS       | NO.<br>EX | FREQUENCY<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|---------------------------------------------------------------------|-----------------------|-------------------------------------------------|-------------------|------------|------------------------------------------------------|-----------------------------------|-----------------------------------|-------------|-----------|----------------------------------------|---------------------------|
|                                                                     |                       | Y                                               | X                 | UNITS      | X                                                    | X                                 | X                                 |             |           |                                        |                           |
| COLIFORM, FECAL<br>GENERAL<br>74055 1 0<br>EFFLUENT GROSS VALUE     | SAMPLE<br>MEASUREMENT | *****                                           | *****             |            | *****                                                | 0                                 | 0                                 |             | 0         | ONCE/<br>MONTH                         | GRAB                      |
|                                                                     | PERMIT<br>REQUIREMENT | *****                                           | *****             | ****       | *****                                                | 200- <del>80000</del><br>MONTHGEO | 400- <del>80000</del><br>WKLY GEO | #/100<br>ML |           | ONCE/<br>MONTH                         | GRAB                      |
| BOD, 5-DAY PERCENT<br>REMOVAL<br>81010 K 0<br>PERCENTREMOVAL        | SAMPLE<br>MEASUREMENT | *****                                           | *****             |            | 97.6                                                 | 97.6                              | *****                             |             | 0         | ONCE/<br>MONTH                         | CALCUL                    |
|                                                                     | PERMIT<br>REQUIREMENT | *****                                           | *****             | ****       | 87.5- <del>90000</del><br>MONAVMIN                   | REPORT<br>AVERAGE                 | *****                             | PERCE<br>NT |           | ONCE/<br>MONTH                         | CALCUL                    |
| SOLIDS, SUSPENDED<br>PERCENT REMOVAL<br>81011 K 0<br>PERCENTREMOVAL | SAMPLE<br>MEASUREMENT | *****                                           | *****             |            | 96                                                   | 96                                | *****                             |             | 0         | ONCE/<br>MONTH                         | CALCUL                    |
|                                                                     | PERMIT<br>REQUIREMENT | *****                                           | *****             | ****       | 85- <del>90000</del><br>MONAVMIN                     | REPORT<br>AVERAGE                 | *****                             | PERCE<br>NT |           | ONCE/<br>MONTH                         | CALCUL                    |
| OXYGEN DEMAND<br>FIRST STAGE<br>82210 1 0<br>EFFLUENT GROSS VALUE   | SAMPLE<br>MEASUREMENT | 0.5                                             | 0.5               |            | *****                                                | 8.4                               | 8.4                               |             | 0         | ONCE/<br>MONTH                         | CALCUL                    |
|                                                                     | PERMIT<br>REQUIREMENT | 8- <del>20000</del><br>MNTN AVG                 | REPORT<br>PLY MAX | KG/<br>DAY | *****                                                | REPORT<br>MNTN AVG                | REPORT<br>PLY MAX                 | MG/L        |           | ONCE/<br>MONTH                         | CALCUL                    |
|                                                                     | SAMPLE<br>MEASUREMENT |                                                 |                   |            |                                                      |                                   |                                   |             |           |                                        |                           |
|                                                                     | PERMIT<br>REQUIREMENT |                                                 |                   |            |                                                      |                                   |                                   |             |           |                                        |                           |
|                                                                     | SAMPLE<br>MEASUREMENT |                                                 |                   |            |                                                      |                                   |                                   |             |           |                                        |                           |
|                                                                     | PERMIT<br>REQUIREMENT |                                                 |                   |            |                                                      |                                   |                                   |             |           |                                        |                           |
|                                                                     | SAMPLE<br>MEASUREMENT |                                                 |                   |            |                                                      |                                   |                                   |             |           |                                        |                           |
|                                                                     | PERMIT<br>REQUIREMENT |                                                 |                   |            |                                                      |                                   |                                   |             |           |                                        |                           |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

R. Hovey  
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  
18 USC 1011. (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 93 03 25  
AREA CODE NUMBER YEAR MO DAY

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 (17-19) 463A  
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 93 MO 02 DAY 01 TO YEAR 93 MO 02 DAY 28  
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTH STORM DRAIN  
MAJOR SALEM  
SOUTHERN REGION

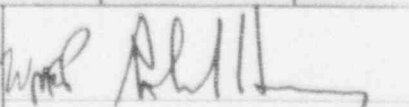
DMR NUMBER: 93020475

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)                           |                    | (1 Card Only) QUANTITY OR LOADING<br>(46-51) |                   |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(58-63) |                      |                        | UNITS | NO. EX<br>(67-69) | FREQUENCY OF ANALYSIS<br>(64-66) | SAMPLE TYPE<br>(69-70) |
|------------------------------------------------|--------------------|----------------------------------------------|-------------------|-------|---------------------------------------------------|----------------------|------------------------|-------|-------------------|----------------------------------|------------------------|
|                                                |                    | XXXXXXX                                      | XXXXXXX           | UNITS | XXXXXXX                                           | XXXXXXX              | XXXXXXX                |       |                   |                                  |                        |
| PH                                             | SAMPLE MEASUREMENT | *****                                        | *****             |       | 7.2                                               | *****                | 7.2                    |       | 0                 | ONCE/MONTH                       | GRAB                   |
| 00400 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                        | *****             | ****  | 6.00000<br>MINIMUM                                | *****                | 9.00000<br>MAXIMUM     | 50    |                   | ONCE/MONTH                       | GRAB                   |
| SOLIDS, TOTAL<br>SUSPENDED                     | SAMPLE MEASUREMENT | *****                                        | *****             |       | *****                                             | 24                   | 24                     |       | 0                 | ONCE/MONTH                       | GRAB                   |
| 00530 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                        | *****             | ****  | *****                                             | 30.00000<br>Mnth Avg | 100.00000<br>Dly Max** | MG/L  |                   | ONCE/MONTH                       | GRAB                   |
| HYDROCARBONS, IN H2O,<br>IR, CCL4 EXT. CHROMAT | SAMPLE MEASUREMENT | *****                                        | *****             |       | *****                                             | <0.10                | <0.10                  |       | 0                 | ONCE/MONTH                       | GRAB*                  |
| 00551 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                        | *****             | ****  | *****                                             | REPORT<br>Mnth Avg   | 15.00000<br>Dly Max    | MG/L  |                   | ONCE/MONTH                       | GRAB-1                 |
| CARBON, TOT ORGANIC<br>(TOC)                   | SAMPLE MEASUREMENT | *****                                        | *****             |       | *****                                             | 7                    | 7                      |       | 0                 | ONCE/MONTH                       | GRAB                   |
| 00680 1 1<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | *****                                        | *****             | ****  | *****                                             | REPORT<br>Mnth Avg   | 50.00000<br>Dly Max    | MG/L  |                   | ONCE/MONTH                       | GRAB                   |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT    | SAMPLE MEASUREMENT | 0.171                                        | 0.171             |       | *****                                             | *****                | *****                  |       | 0                 | ONCE/MONTH                       |                        |
| 50050 1 0<br>EFFLUENT GROSS VALUE              | PERMIT REQUIREMENT | REPORT<br>Mnth Avg                           | REPORT<br>Dly Max | MGD   | *****                                             | *****                | *****                  | ***   |                   | ONCE/MONTH                       |                        |
|                                                | SAMPLE MEASUREMENT |                                              |                   |       |                                                   |                      |                        |       |                   |                                  |                        |
|                                                | PERMIT REQUIREMENT |                                              |                   |       |                                                   |                      |                        |       |                   |                                  |                        |
|                                                | SAMPLE MEASUREMENT |                                              |                   |       |                                                   |                      |                        |       |                   |                                  |                        |
|                                                | PERMIT REQUIREMENT |                                              |                   |       |                                                   |                      |                        |       |                   |                                  |                        |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
R. Hovey  
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 3 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


TELEPHONE 609 339-3463 DATE 93 03 25  
AREA CODE NUMBER YEAR MO DAY

SAMPLES TO BE TAKEN DURING A DISCHARGE EVENT, EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS & IS PRECEDED BY MINIMUM DRY PERIOD OF 72 HRS.



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) **NJ0025411** (17-19) **464A**  
 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     |
|                   | 93      | 02      | 01      |    | 93      | 02      | 28      |
|                   | (20 21) | (22 23) | (24 25) |    | (26 27) | (28 29) | (30 31) |

PERIM STORM DRAIN  
 MAJOR SALEM  
 SOUTHERN REGION

DMR NUMBER: 93020475

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)  |                    | (1 Card Only) QUANTITY OR LOADING<br>(46-51) |         |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(58-63) |           |            | NO. EX<br>(62-63) | FREQUENCY OF ANALYSIS<br>(64-65) | SAMPLE TYPE<br>(66-70) |
|-----------------------|--------------------|----------------------------------------------|---------|-------|---------------------------------------------------|-----------|------------|-------------------|----------------------------------|------------------------|
|                       |                    | Y                                            | X       | UNITS | X                                                 | X         | UNITS      |                   |                                  |                        |
| PH                    | SAMPLE MEASUREMENT | 000000                                       | 000000  |       | 7.6                                               | 000000    | 7.6        | 0                 | ONCE/MONTH                       | GRAB                   |
| 00400 1 0             | PERMIT REQUIREMENT | 000000                                       | 000000  | 0000  | 6.000000                                          | 000000    | 9.000000   |                   | ONCE/MONTH                       | GRAB                   |
| EFFLUENT GROSS VALUE  |                    |                                              |         | 0000  | MINIMUM                                           |           | MAXIMUM    |                   |                                  |                        |
| SOLIDS, TOTAL         | SAMPLE MEASUREMENT | 000000                                       | 000000  |       | 000000                                            | 5         | 5          | 0                 | ONCE/MONTH                       | GRAB                   |
| SUSPENDED             | PERMIT REQUIREMENT | 000000                                       | 000000  | 0000  | 000000                                            | 20.000000 | 200.000000 |                   | ONCE/MONTH                       | GRAB                   |
| 00530 1 0             |                    |                                              |         | 0000  |                                                   | MONTH AVG | DLY MAX**  |                   |                                  |                        |
| EFFLUENT GROSS VALUE  | SAMPLE MEASUREMENT | 000000                                       | 000000  |       | 000000                                            | <0.10     | <0.10      | 0                 | ONCE/MONTH                       | GRAB                   |
| HYDROCARBONS, IN H2O, | PERMIT REQUIREMENT | 000000                                       | 000000  | 0000  | 000000                                            | REPORT    | 15.000000  |                   | ONCE/MONTH                       | GRAB-3                 |
| IR, CC14 EXT. CHROMAT |                    |                                              |         | 0000  |                                                   | MONTH AVG | DLY MAX    |                   |                                  |                        |
| 00551 1 0             | SAMPLE MEASUREMENT | 000000                                       | 000000  |       | 000000                                            | 7         | 7          | 0                 | ONCE/MONTH                       | GRAB                   |
| EFFLUENT GROSS VALUE  | PERMIT REQUIREMENT | 000000                                       | 000000  | 0000  | 000000                                            | REPORT    | 50.000000  |                   | ONCE/MONTH                       | GRAB                   |
| CARBON, TOT ORGANIC   |                    |                                              |         | 0000  |                                                   | MONTH AVG | DLY MAX    |                   |                                  |                        |
| (TOC)                 | SAMPLE MEASUREMENT | 0.223                                        | 0.223   |       | 000000                                            | 000000    | 000000     | 0                 | ONCE/MONTH                       |                        |
| 00680 1 1             | PERMIT REQUIREMENT | REPORT                                       | REPORT  |       | 000000                                            | 000000    | 000000     |                   | ONCE/MONTH                       |                        |
| EFFLUENT GROSS VALUE  |                    | MONTH AVG                                    | DLY MAX | HGD   |                                                   |           |            |                   |                                  |                        |
| FLOW, IN CONDUIT OR   | SAMPLE MEASUREMENT |                                              |         |       |                                                   |           |            |                   |                                  |                        |
| THRU TREATMENT PLANT  | PERMIT REQUIREMENT |                                              |         |       |                                                   |           |            |                   |                                  |                        |
| 50050 1 0             |                    |                                              |         |       |                                                   |           |            |                   |                                  |                        |
| EFFLUENT GROSS VALUE  | SAMPLE MEASUREMENT |                                              |         |       |                                                   |           |            |                   |                                  |                        |
|                       | PERMIT REQUIREMENT |                                              |         |       |                                                   |           |            |                   |                                  |                        |
|                       | SAMPLE MEASUREMENT |                                              |         |       |                                                   |           |            |                   |                                  |                        |
|                       | PERMIT REQUIREMENT |                                              |         |       |                                                   |           |            |                   |                                  |                        |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**R. Hovey**  
**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 1305C 1319. Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.

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

TELEPHONE **609 339-3463**  
 DATE **93 03 25**  
 AREA CODE NUMBER YEAR MO DAY

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