



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

Hope Creek Generating Station

November 22, 1995

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  
NJPDDES PERMIT NJ0025411

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of October 1995.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analysis required to be performed by the above agencies. The choice of the measurement devices and analytical methods are controlled by the EPA and the NJDEP, not by the company, and there are limitations on the accuracy of such measurement devices and analytical techniques even when used and maintained as required. Accordingly, this report is not intended as an assertion that any instrument has measured, or that any reading analytical result represents the true value with absolute accuracy, nor is it an endorsement of the suitability of any analytical or measurement procedure.

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

Sincerely,

Mark F. Reddemann  
General Manager -  
Hope Creek Operations

050042

JE23

NJPDES

2

11/22/95

*N*  
CW:ej  
Attachments

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

NJPDES

11/22/95

Explanation of conditions  
October 1995

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

NJPDES

10/22/95

Explanation of Exceedances  
October 1995

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.

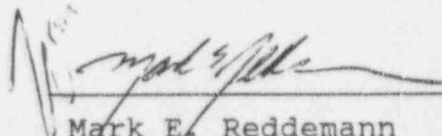
EXPLANATION

**No Exceedances**

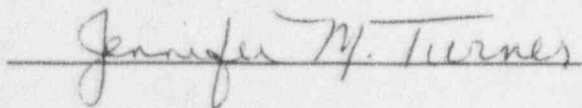
COUNTY OF SALEM  
STATE OF NEW JERSEY

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

1. I am the General Manager of the Hope Creek Generating Station, and as such am authorized to sign Discharge Monitoring Reports submitted to the New Jersey Department of Environmental Protection pursuant to the Station's New Jersey Pollutant Discharge Elimination System permit.
2. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe the submitted information is true, accurate and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment.
3. The signature on the attached Discharge Monitoring Reports is my signature and I am submitting this affidavit in satisfaction of the requirement that my signature be notarized.

  
Mark E. Reddemann  
General Manager -  
Hope Creek Operations

Sworn and subscribed before me  
this 22nd day of Nov. 1995.



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

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

0101215141111

1101915 THRU 1101915

PERMITTEE:

Name Public Service Electric & Gas

Address P.O. Box 236

Hancocks Bridge, NJ 08038

FACILITY:

Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, NJ (County) Salem

Telephone 1 609 1 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

NJPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1

OPERATING EXCEPTIONS

YES NO

DYE TESTING ☐ ☒

TEMPORARY BYPASSING ☐ ☒

DISINFECTION INTERRUPTION ☐ ☒

MONITORING MALFUNCTIONS ☐ ☒

UNITS OUT OF OPERATION ☐ ☒

OTHER ☐ ☒

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

NOTE: The "Hours Attended at Plant" on the  
reverse of this sheet must also be completed.

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

LICENSED OPERATOR

Name (Printed) Peter R. Lasala

Grade & Registry No. N-2 (000592)

Signature [Signature]

Date 11/22/95

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark E. Reddemann

Title (Printed) General Manager  
Hope Creek Operations

Signature [Signature]

Date 11/22/95

OPERATING EXCEPTIONS DETAILED

\*\* Please refer to the attached Transmittal sheet addenda.

HOURS ATTENDED AT PLANT

Month 10Year 95

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

# ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

11/22/95

| PAGE        | PARAMETER<br>CODE            | COMMENTS   |
|-------------|------------------------------|--|
| <u>461A</u> |                              |  |
| 2 of 12     | 00665 2 1 **<br>00680 2 1 ** | Net values calculated from grab sample results.  |
| <u>461C</u> |                              |  |
| 6 of 12     | 00680 1 1 **                 | Samples obtained were composites in accordance with permit requirements.   |
| <u>462A</u> |                              |  |
| 8 of 12     | 00551 1 0 **                 | Grab 3 sampling criteria not met due to the discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only. |
| <u>463A</u> |                              |  |
| 11 of 12    | 00551 1 0 **                 | Grab 3 sampling criteria not met due to the discharge event occurring prior to and continuing into normal working hours. A single grab sample was obtained for information only. |
| <u>464A</u> |                              |  |
| 12 of 12    | 00551 1 0 **                 | Grab 3 sampling criteria not met due to the 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

NJPDES NO.

REPORTING PERIOD

MO. YR. MO. YR.

010121514111

1101915 THRU 1101915

PERMITTEE:

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

FACILITY:

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

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

NJPDES DISCHARGE MONITORING REPORT

☒ EPA FORM 3320-1

OPERATING-EXCEPTIONS

|                           | YES                      | NO                                  |
|---------------------------|--------------------------|-------------------------------------|
| DYE TESTING               | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| TEMPORARY BYPASSING       | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| DISINFECTION INTERRUPTION | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| MONITORING MALFUNCTIONS   | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| UNITS OUT OF OPERATION    | <input 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 & Registry No. S4 (000697)  
Signature Andres Nurk  
Date 11/21/95

PRINCIPAL EXECUTIVE OFFICER or  
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Mark E. Reddemann  
General Manager  
Title (Printed) Hope Creek Operations  
Signature Mark E. Reddemann  
Date 11/21/95

OPERATING EXCEPTIONS DETAILED

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There is no handwriting or other markings on the paper.

## HOURS ATTENDED AT PLANT

Month 110

Year 1915

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

|                   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|-------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Day of Month      | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| Licensed Operator | 8  | 8  | 8  | 8  |    |    | 8  | 8  | 8  | 8  | 8  |    |    | 8  | 8  |
| Others            |    |    |    |    | 8  | 8  |    |    |    |    |    | 8  |    |    |    |

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

|                       |           |                       |           |
|-----------------------|-----------|-----------------------|-----------|
| <b>NJ0025411</b>      |           | <b>461A</b>           |           |
| PERMIT NUMBER         |           | DISCHARGE NUMBER      |           |
| MONITORING PERIOD     |           |                       |           |
| FROM                  | YEAR      | MO                    | DAY       |
|                       | <b>95</b> | <b>10</b>             | <b>01</b> |
| TO                    | YEAR      | MO                    | DAY       |
|                       | <b>95</b> | <b>10</b>             | <b>31</b> |
| (20-21)(22-23)(24-25) |           | (26-27)(28-29)(30-31) |           |

**COOLING TOWER BLOWDOWN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

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

DMR NUMBER: 101995

| PARAMETER<br>(32-37)  |                       | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |       |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                    |                   | NO.<br>EX<br>(62-63) | FREQ.<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|---|-----------------------|--|-------|-------|---|--------------------|-------------------|----------------------|------------------------------------|---------------------------|
|   |                       |  |       | UNITS |   |                    | UNITS             |                      |                                    |                           |
| TEMPERATURE, WATER<br>DEG. CENTIGRADE<br>00010 1 1<br>EFFLUENT GROSS VALUE          | SAMPLE<br>MEASUREMENT | *****  | ***** |       | *****   | 25.4               | 29.9              |                      | 0                                  | CONTIN<br>UOUS            |
|   | PERMIT<br>REQUIREMENT | *****  | ***** | ****  | *****   | REPORT<br>MNTH AVG | 35.6<br>DLY MAX   | DEG.C                |                                    | CONTIN<br>UOUS            |
| TEMPERATURE, WATER<br>DEG. CENTIGRADE<br>00010 7 1<br>INTAKE FROM STREAM            | SAMPLE<br>MEASUREMENT | *****  | ***** |       | *****   | 19.4               | 22.1              |                      | 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            |
| 00400 1 0<br>EFFLUENT GROSS VALUE   | PERMIT<br>REQUIREMENT | *****  | ***** | ****  | 6   | *****              | 9                 | SU                   |                                    | TWICE/<br>WEEK            |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0<br>EFFLUENT GROSS VALUE                     | SAMPLE<br>MEASUREMENT | *****  | ***** |       | *****   | 138                | 155               |                      | 0                                  | TWICE/<br>MONTH           |
|   | PERMIT<br>REQUIREMENT | *****  | ***** | ****  | *****   | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 |                                    | TWICE/<br>MONTH           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 2 0<br>EFFLUENT NET VALUE                       | SAMPLE<br>MEASUREMENT | *****  | ***** |       | *****   | 69                 | 76                |                      | 0                                  | TWICE/<br>MONTH           |
|   | PERMIT<br>REQUIREMENT | *****  | ***** | ****  | *****   | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 |                                    | TWICE/<br>MONTH           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 7 0<br>INTAKE FROM STREAM                       | SAMPLE<br>MEASUREMENT | *****  | ***** |       | *****   | 70                 | 79                |                      | 0                                  | TWICE/<br>MONTH           |
|   | PERMIT<br>REQUIREMENT | *****  | ***** | ****  | *****   | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 |                                    | TWICE/<br>MONTH           |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT<br>00551 1 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT | *****  | ***** |       | *****   | 1.20               | 1.50              |                      | 0                                  | TWICE/<br>MONTH           |
|   | PERMIT<br>REQUIREMENT | *****  | ***** | ****  | *****   | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 |                                    | TWICE/<br>MONTH           |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL  
EXECUTIVE OFFICER OR  
AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

95 11 22

AREA  
CODE

NUMBER

YEAR MO DAY

**SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.**

PERMITTEE NAME/ADDRESS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038****NJ0025411****461A**

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

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

FROM

YEAR MO DAY

**95 10 01**

TO

YEAR MO DAY

**95 10 31**

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

**COOLING TOWER BLOWDOWN****MAJOR****SALEM****SOUTHERN REGION****DMR NUMBER: 101995**

| PARAMETER<br>(32-37)  |                       | (3 Card Only)<br>QUANTITY OR LOADING<br>(46-53) |       |       | (4 Card Only)<br>QUALITY OR CONCENTRATION<br>(54-61) |                    |                   | NO.<br>EX<br>(62-63) | FREQ.<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|---|-----------------------|---|-------|-------|--|--------------------|-------------------|----------------------|------------------------------------|---------------------------|
|   |                       |   |       | UNITS |  |                    | UNITS             |                      |                                    |                           |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT<br>00551 2 0<br>EFFLUENT NET VALUE | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 0                  | 0                 |                      | OTWICE/                            | CALCTD                    |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | 10<br>DLY MAX     | MG/L                 | TWICE/                             | CALCTD                    |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT<br>00551 7 0<br>INTAKE FROM STREAM | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 1.06               | 1.50              |                      | OTWICE/                            | GRAB                      |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 | TWICE/                             | GRAB                      |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 1 1<br>EFFLUENT GROSS VALUE                  | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 0.34               | 0.36              |                      | OTWICE/                            | GRAB                      |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 | TWICE/                             | GRAB                      |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 2 1<br>EFFLUENT NET VALUE                    | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 0.12               | 0.14              |                      | OTWICE/                            | CALCTD                    |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 | TWICE/                             | GRAB                      |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 7 1<br>INTAKE FROM STREAM                    | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 0.23               | 0.27              |                      | OTWICE/                            | GRAB                      |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 | TWICE/                             | GRAB                      |
| CARBON, TOT ORGANIC<br>(TOC)<br>00680 1 1<br>EFFLUENT GROSS VALUE                 | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 7                  | 9                 |                      | OTWICE/                            | GRAB                      |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | REPORT<br>DLY MAX | MG/L                 | TWICE/                             | GRAB                      |
| CARBON, TOT ORGANIC<br>(TOC)<br>00680 2 1<br>EFFLUENT NET VALUE                   | SAMPLE<br>MEASUREMENT | *****   | ***** |       | *****  | 2                  | 3                 |                      | OTWICE/                            | CALCTD                    |
|   | PERMIT<br>REQUIREMENT | *****   | ***** | ****  | *****  | REPORT<br>MNTH AVG | 20<br>DLY MAX     | MG/L                 | TWICE/                             | GRAB                      |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK E. REDDEMANN  
GENERAL MANAGER  
HOPE CREEK OPERATIONS**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL  
EXECUTIVE OFFICER OR  
AUTHORIZED AGENT

TELEPHONE

**609 339-3463**

DATE

**95 11 22**AREA  
CODE

NUMBER

YEAR MO DAY

**SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.**

**\*\*PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.**

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

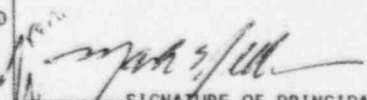
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)

|                       |      |    |                  |                       |      |    |     |
|-----------------------|------|----|------------------|-----------------------|------|----|-----|
| <b>NJ0025411</b>      |      |    | <b>461A</b>      |                       |      |    |     |
| PERMIT NUMBER         |      |    | DISCHARGE NUMBER |                       |      |    |     |
| MONITORING PERIOD     |      |    |                  |                       |      |    |     |
| FROM                  | YEAR | MO | DAY              | TO                    | YEAR | MO | DAY |
|                       | 95   | 10 | 01               |                       | 95   | 10 | 31  |
| (20-21)(22-23)(24-25) |      |    |                  | (26-27)(28-29)(30-31) |      |    |     |

**COOLING TOWER BLOWDOWN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **101995**

| PARAMETER<br>(32-37)   |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |       |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                 |                | NO. EX. (62-63) | FREQ. OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|--------------------|--|-------|-------|---|-----------------|----------------|-----------------|---------------------------|---------------------|
|  |                    |  |       | UNITS |   |                 | UNITS          |                 |                           |                     |
| CARBON, TOT ORGANIC (TOC)<br>00680 7 1<br>INTAKE FROM STREAM | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | 4               | 5              |                 | TWICE/MONTH               | GRAB                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L            |                           |                     |
| CHROMIUM, TOTAL (AS CR)<br>01034 1 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | NODI            | NODI           |                 | ONODI                     | NODI                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L            |                           |                     |
| CHROMIUM, TOTAL (AS CR)<br>01034 2 0<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | NODI            | NODI           |                 | ONODI                     | NODI                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | .2 DLY MAX     | MG/L            |                           |                     |
| CHROMIUM, TOTAL (AS CR)<br>01034 7 0<br>INTAKE FROM STREAM   | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | NODI            | NODI           |                 | ONODI                     | NODI                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L            |                           |                     |
| COPPER, TOTAL (AS CU)<br>01042 1 0<br>EFFLUENT GROSS VALUE   | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | NODI            | NODI           |                 | ONODI                     | NODI                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L            |                           |                     |
| COPPER, TOTAL (AS CU)<br>01042 2 0<br>EFFLUENT NET VALUE     | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | NODI            | NODI           |                 | ONODI                     | NODI                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | .2 DLY MAX     | MG/L            |                           |                     |
| COPPER, TOTAL (AS CU)<br>01042 7 0<br>INTAKE FROM STREAM     | SAMPLE MEASUREMENT | *****  | ***** |       | *****   | NODI            | NODI           |                 | ONODI                     | NODI                |
|  | PERMIT REQUIREMENT | *****  | ***** | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L            |                           |                     |

|  |   |   |                           |                  |
|--|---|---|---------------------------|------------------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><b>MARK E. REDDEMANN</b><br><b>GENERAL MANAGER</b><br><b>HOPE CREEK OPERATIONS</b><br>TYPED OR PRINTED | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br> | TELEPHONE<br>609 339-3463 | DATE<br>95 11 22 |
|  |   | AREA CODE NUMBER YEAR MO DAY  |                           |                  |

**SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.**

PERMITTEE NAME/ADDRESS  
NAME **PSE&G**  
ADDRESS **P.O. BOX 236/N21**  
**HANCOCKS BRIDGE, NJ 08038**  
FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **101995**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-16) (17-19)  
**NJ0025411**  
PERMIT NUMBER  
**461A**  
DISCHARGE NUMBER  
MONITORING PERIOD  
FROM YEAR **95** MO **10** DAY **01** TO YEAR **95** MO **10** DAY **31**  
(20-21)(22-23)(24-25) (26-27)(28-29)(30-31)

**COOLING TOWER BLOWDOWN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

| PARAMETER<br>(32-37)  |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |                |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                 |                | UNITS | NO. EX.<br>(62-63) | FREQ. OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|---|--------------------|--|----------------|-------|---|-----------------|----------------|-------|--------------------|------------------------------|------------------------|
|   |                    |  |                | UNITS |   |                 |                |       |                    |                              |                        |
| ZINC, TOTAL<br>(AS ZN)<br>01092 1 0<br>EFFLUENT GROSS VALUE                   | SAMPLE MEASUREMENT | *****  | *****          |       | *****   | NODI            | NODI           |       | 0                  | NODI                         | NODI                   |
|   | PERMIT REQUIREMENT | *****  | *****          | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                    | TWICE/MONTH                  | GRAB                   |
| ZINC, TOTAL<br>(AS ZN)<br>01092 2 0<br>EFFLUENT NET VALUE                     | SAMPLE MEASUREMENT | *****  | *****          |       | *****   | NODI            | NODI           |       | 0                  | NODI                         | NODI                   |
|   | PERMIT REQUIREMENT | *****  | *****          | ****  | *****   | REPORT MNTH AVG | .6 DLY MAX     | MG/L  |                    | TWICE/MONTH                  | CALCTD                 |
| ZINC, TOTAL<br>(AS ZN)<br>01092 7 0<br>INTAKE FROM STREAM                     | SAMPLE MEASUREMENT | *****  | *****          |       | *****   | NODI            | NODI           |       | 0                  | NODI                         | NODI                   |
|   | PERMIT REQUIREMENT | *****  | *****          | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                    | TWICE/MONTH                  | GRAB                   |
| ASBESTOS (FIBROUS)<br>34225 1 0<br>EFFLUENT GROSS VALUE                       | SAMPLE MEASUREMENT | *****  | *****          |       | *****   | <0.021100       | <0.021100      |       | 0                  | TWICE/MONTH                  | GRAB                   |
|   | PERMIT REQUIREMENT | *****  | *****          | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | UG/L  |                    | TWICE/MONTH                  | GRAB                   |
| ASBESTOS (FIBROUS)<br>34225 2 0<br>EFFLUENT NET VALUE                         | SAMPLE MEASUREMENT | *****  | *****          |       | *****   | <0.021100       | <0.021100      |       | 0                  | TWICE/MONTH                  | CALCTD                 |
|   | PERMIT REQUIREMENT | *****  | *****          | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | UG/L  |                    | TWICE/MONTH                  | CALCTD                 |
| ASBESTOS (FIBROUS)<br>34225 7 0<br>INTAKE FROM STREAM                         | SAMPLE MEASUREMENT | *****  | *****          |       | *****   | <0.021100       | <0.021100      |       | 0                  | TWICE/MONTH                  | GRAB                   |
|   | PERMIT REQUIREMENT | *****  | *****          | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | UG/L  |                    | TWICE/MONTH                  | GRAB                   |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 1 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 37.75  | 43.38          |       | *****   | *****           | *****          |       | 0                  | CONTINUOUS                   |                        |
|   | PERMIT REQUIREMENT | REPORT MNTH AVG                              | REPORT DLY MAX | MGD   | *****   | *****           | *****          | ****  |                    | CONTINUOUS                   |                        |

|  |   |           |          |      |    |     |
|--|---|-----------|----------|------|----|-----|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><b>MARK E. REDDEMANN</b><br><b>GENERAL MANAGER</b><br><b>HOPE CREEK OPERATIONS</b><br>TYPED OR PRINTED | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | TELEPHONE |          | DATE |    |     |
|  |   | 609       | 339-3463 | 95   | 11 | 22  |
|  | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  | AREA CODE | NUMBER   | YEAR | MO | DAY |

**SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.**

PERMITTEE NAME/ADDRESS

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

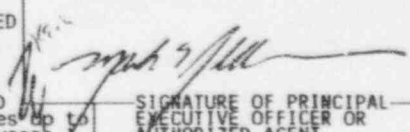
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)  
(2-15) (17-19)

|                       |           |           |                       |    |           |           |           |
|-----------------------|-----------|-----------|-----------------------|----|-----------|-----------|-----------|
| <b>NJ0025411</b>      |           |           | <b>461A</b>           |    |           |           |           |
| PERMIT NUMBER         |           |           | DISCHARGE NUMBER      |    |           |           |           |
| MONITORING PERIOD     |           |           |                       |    |           |           |           |
| FROM                  | YEAR      | MO        | DAY                   | TO | YEAR      | MO        | DAY       |
|                       | <b>95</b> | <b>10</b> | <b>01</b>             |    | <b>95</b> | <b>10</b> | <b>31</b> |
| (20-21)(22-23)(24-25) |           |           | (26-27)(28-29)(30-31) |    |           |           |           |

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **101995**

**COOLING TOWER BLOWDOWN**  
**MAJOR SALEM**  
**SOUTHERN REGION**

| PARAMETER<br>(32-37)   | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |                |             | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                |               | UNITS | NO. EX. (62-63) | FREQ. OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|--|--|----------------|-------------|---|----------------|---------------|-------|-----------------|---------------------------|---------------------|
|  |  |  |                | UNITS       |   |                |               |       |                 |                           |                     |
| CHLORINE, TOTAL<br>RESIDUAL<br>50060 1 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT                       | *****  | *****          |             | *****   | < 0.1          | < 0.1         |       |                 |                           | CONTINUOUS          |
|  | PERMIT REQUIREMENT                       | *****  | *****          | ****        | *****   | .2<br>MNTH AVG | .5<br>DLY MAX | MG/L  |                 |                           | CONTINUOUS          |
| HEAT (WINTER)<br>(PER HOUR)<br>81387 2 1<br>EFFLUENT NET VALUE   | SAMPLE MEASUREMENT                       | 138  | 218            |             | *****   | *****          | *****         |       |                 |                           | CONTINUOUS          |
|  | PERMIT REQUIREMENT                       | REPORT<br>MNTH AVG                           | 731<br>DLY MAX | MBTU/<br>HR | *****   | *****          | *****         | ****  |                 |                           | CONTINUOUS          |
|  | 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   | <p>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 these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)</p>  | TELEPHONE           |           | DATE      |           |     |
| <b>MARK E. REDDEMANN</b><br><b>GENERAL MANAGER</b><br><b>HOPE CREEK OPERATIONS</b> |  | <b>609 339-3463</b> | <b>95</b> | <b>11</b> | <b>22</b> |     |
| TYPED OR PRINTED   |  | AREA CODE           | NUMBER    | YEAR      | MO        | DAY |

**SAMPLING FOR CO, ZN, & CR IS REQUIRED ONLY IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NODI" FOR THESE METALS.**

PERMITTEE NAME/ADDRESS

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

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

|                       |      |    |                  |                       |      |    |     |
|-----------------------|------|----|------------------|-----------------------|------|----|-----|
| <b>NJ0025411</b>      |      |    | <b>461C</b>      |                       |      |    |     |
| PERMIT NUMBER         |      |    | DISCHARGE NUMBER |                       |      |    |     |
| MONITORING PERIOD     |      |    |                  |                       |      |    |     |
| FROM                  | YEAR | MO | DAY              | TO                    | YEAR | MO | DAY |
|                       | 95   | 10 | 01               |                       | 95   | 10 | 31  |
| (20-21)(22-23)(24-25) |      |    |                  | (26-27)(28-29)(30-31) |      |    |     |

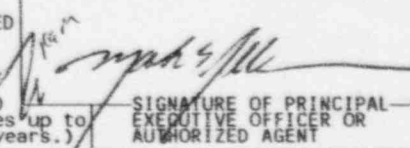
**LOW VOLUME WW SYSTEM**  
**MAJOR SALEM**  
**SOUTHERN REGION**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **101995**

| PARAMETER<br>(32-37)  | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |       |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                 |                | UNITS | NO. OF ANALYSIS<br>(62-65) | FREQ. OF ANALYSIS<br>(66-68) | SAMPLE TYPE<br>(69-70) |
|---|--|--|-------|-------|---|-----------------|----------------|-------|----------------------------|------------------------------|------------------------|
|   |  | *****  | ***** | UNITS | *****   | *****           | *****          |       |                            |                              |                        |
| TEMPERATURE, WATER<br>DEG. CENTIGRADE<br>00010 1 1<br>EFFLUENT GROSS VALUE<br>PH    | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 19.4            | 21.7           |       |                            |                              | OWEEKLYGRAB            |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | DEG.C |                            |                              | WEEKLYGRAB             |
| 00400 1 0<br>EFFLUENT GROSS VALUE<br>SOLIDS, TOTAL<br>SUSPENDED                     | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 7               | *****          | 8     |                            |                              | OWEEKLYGRAB            |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | 6               | *****          | 9     | SU                         |                              | WEEKLYGRAB             |
| 00530 1 0<br>EFFLUENT GROSS VALUE<br>HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 7               | 9              |       |                            |                              | OTWICE/COMPOS<br>MONTH |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | 30              | 100            | MG/L  |                            |                              | TWICE/COMPOS<br>MONTH  |
| 00551 1 0<br>EFFLUENT GROSS VALUE<br>NITROGEN, AMMONIA<br>TOTAL (AS N)              | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 1               | 1              |       |                            |                              | OTWICE/GRAB<br>MONTH   |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | 10              | 15             | MG/L  |                            |                              | TWICE/GRAB<br>MONTH    |
| 00610 1 0<br>EFFLUENT GROSS VALUE<br>CARBON, TOT ORGANIC<br>(TOC)                   | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 0               | 0              |       |                            |                              | OTWICE/COMPOS<br>MONTH |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | 35              | REPORT         | MG/L  |                            |                              | TWICE/COMPOS<br>MONTH  |
| 00680 1 1<br>EFFLUENT GROSS VALUE<br>COPPER, TOTAL<br>(AS CU)                       | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 11              | 12             |       |                            |                              | OTWICE/COMPOS<br>MONTH |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | REPORT          | 50             | MG/L  |                            |                              | TWICE/GRAB<br>MONTH    |
| 01042 1 0<br>EFFLUENT GROSS VALUE   | SAMPLE MEASUREMENT                       | *****  | ***** |       | *****   | 0.0             | 0.0            |       |                            |                              | OTWICE/GRAB<br>MONTH   |
|   | PERMIT REQUIREMENT                       | *****  | ***** | ****  | *****   | REPORT          | .2             | MG/L  |                            |                              | TWICE/GRAB<br>MONTH    |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
**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 § 1011 AND 18 USC § 1519. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**609 339-3463**

DATE  
**95 11 22**

AREA CODE  
**609**

NUMBER  
**339-3463**

YEAR  
**95**

MO  
**11**

DAY  
**22**

**\*\* PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA**

PERMITTEE NAME/ADDRESS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NAME **PSE&G**ADDRESS **P.O. BOX 236/N21****HANCOCKS BRIDGE, NJ 08038****NJ0025411****461C**

PERMIT NUMBER

DISCHARGE NUMBER

MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **101995**

FROM

| YEAR | MO | DAY |
|------|----|-----|
| 95   | 10 | 01  |

TO

| YEAR | MO | DAY |
|------|----|-----|
| 95   | 10 | 31  |

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

LOW VOLUME WW SYSTEM

MAJOR

SALEM

SOUTHERN REGION

| PARAMETER<br>(32-37)                     | SAMPLE MEASUREMENT | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |             | UNITS | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                 |                | UNITS | NO. EX<br>(62-63) | FREQ. OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |
|--|--------------------|--|-------------|-------|---|-----------------|----------------|-------|-------------------|------------------------------|------------------------|
|  |                    |  |             |       |   |                 |                |       |                   |                              |                        |
| IRON, TOTAL<br>(AS FE)                   | SAMPLE MEASUREMENT | *****  | *****       |       | *****   | 1.26            | 1.70           |       |                   |                              | TWICE/GRAB MONTH       |
| 01045 1 0                                | PERMIT REQUIREMENT | *****  | *****       | ****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L  |                   |                              | TWICE/GRAB MONTH       |
| EFFLUENT GROSS VALUE                     | SAMPLE MEASUREMENT | 0.05   | 0.11        |       | *****   | *****           | *****          |       |                   |                              | CONTINUOUS             |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | PERMIT REQUIREMENT | REPORT MNTH AVG                              | .45 DLY MAX | MGD   | *****   | *****           | *****          | ****  |                   |                              | CONTINUOUS             |
| 50050 1 0                                | SAMPLE MEASUREMENT |  |             |       |   |                 |                |       |                   |                              |                        |
| EFFLUENT GROSS VALUE                     | 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 | 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 23 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | TELEPHONE    |        | DATE |    |     |
| MARK E. REDDEMANN                      |  | 609 339-3463 |        | 95   | 11 | 22  |
| GENERAL MANAGER                        |  | AREA CODE    | NUMBER | YEAR | MO | DAY |
| HOPE CREEK OPERATIONS                  | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT   |              |        |      |    |     |
| TYPED OR PRINTED                       |  |              |        |      |    |     |

PERMITTEE NAME/ADDRESS

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)

|                       |      |    |                  |                       |      |    |     |
|-----------------------|------|----|------------------|-----------------------|------|----|-----|
| <b>NJ0025411</b>      |      |    | <b>462A</b>      |                       |      |    |     |
| PERMIT NUMBER         |      |    | DISCHARGE NUMBER |                       |      |    |     |
| MONITORING PERIOD     |      |    |                  |                       |      |    |     |
| FROM                  | YEAR | MO | DAY              | TO                    | YEAR | MO | DAY |
|                       | 95   | 10 | 01               |                       | 95   | 10 | 31  |
| (20-21)(22-23)(24-25) |      |    |                  | (26-27)(28-29)(30-31) |      |    |     |

**NORTH STORM DRAIN**  
**MAJOR** **SALEM**  
**SOUTHERN REGION**

FACILITY **PSE&G HOPE CREEK GENERATING STATION**  
LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**  
DMR NUMBER: **101995**

| PARAMETER<br>(32-37)                        |                    | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |         |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) (46-53) (54-61) |          |         | NO.<br>(62-63) | FREQ.<br>OF<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|---|--------------------|--|---------|-------|---|----------|---------|----------------|------------------------|---------------------------|
|   |                    |  |         | UNITS |   |          | UNITS   |                |                        |                           |
| PH  | SAMPLE MEASUREMENT | *****  | *****   |       | 7.8   | *****    | 7.8     |                | ONCE/MONTH             | GRAB                      |
| 00400 1 0                                   | PERMIT REQUIREMENT | *****  | *****   | ****  | 6.0   | *****    | 9.0     | SU             | ONCE/MONTH             | GRAB                      |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  | MINIMUM   |          | MAXIMUM |                |                        |                           |
| SOLIDS, TOTAL SUSPENDED                     | SAMPLE MEASUREMENT | *****  | *****   |       | *****   |          | 9       |                | ONCE/MONTH             | GRAB                      |
| 00530 1 1 (ADMIN)                           | PERMIT REQUIREMENT | *****  | *****   | ****  | *****   | REPORT   | REPORT  | MG/L           | ONCE/MONTH             | GRAB                      |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  |   | MNTH AVG | DLY MAX |                |                        |                           |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT | *****  | *****   |       | *****   |          | 2       |                | ONCE/MONTH             | GRAB                      |
| 00551 1 0                                   | PERMIT REQUIREMENT | *****  | *****   | ****  | *****   | REPORT   | 15      | MG/L           | ONCE/MONTH             | GRAB-3                    |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  |   | MNTH AVG | DLY MAX |                |                        |                           |
| CARBON, TOT ORGANIC (TOC)                   | SAMPLE MEASUREMENT | *****  | *****   |       | *****   |          | 3       |                | ONCE/MONTH             | GRAB                      |
| 00680 1 1                                   | PERMIT REQUIREMENT | *****  | *****   | ****  | *****   | REPORT   | 50      | MG/L           | ONCE/MONTH             | GRAB                      |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  |   | MNTH AVG | DLY MAX |                |                        |                           |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT    | SAMPLE MEASUREMENT | 0.037  | 0.037   |       | *****   | *****    | *****   |                | ONCE/MONTH             |                           |
| 50050 1 0                                   | PERMIT REQUIREMENT | REPORT                                       | REPORT  | MGD   | *****   | *****    | *****   | ****           | ONCE/MONTH             |                           |
| EFFLUENT GROSS VALUE                        |                    | MNTH AVG                                     | DLY MAX |       |   |          |         | ***            |                        |                           |
|   | SAMPLE MEASUREMENT |  |         |       |   |          |         |                |                        |                           |
|   | PERMIT REQUIREMENT |  |         |       |   |          |         |                |                        |                           |
|   | SAMPLE MEASUREMENT |  |         |       |   |          |         |                |                        |                           |
|   | PERMIT REQUIREMENT |  |         |       |   |          |         |                |                        |                           |

|  |  |              |        |      |    |     |
|--|--|--------------|--------|------|----|-----|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN- AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | TELEPHONE    | DATE   |      |    |     |
| MARK E. REDDEMANN                      |  | 609 339-3463 | 95     | 11   | 22 |     |
| GENERAL MANAGER                        |  |              |        |      |    |     |
| HOPE CREEK OPERATIONS                  | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT   | AREA CODE    | NUMBER | YEAR | MO | DAY |
| TYPED OR PRINTED                       |  |              |        |      |    |     |

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. \*\*PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.

PERMITTEE NAME/ADDRESS

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

462B

DISCHARGE NUMBER

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

FROM

MONITORING PERIOD  
 YEAR MO DAY  
**95 10 01**

(20-21)(22-23)(24-25)

TO

YEAR MO DAY  
**95 10 31**

(26-27)(28-29)(30-31)

SEWAGE W.W.  
 MAJOR  
 SOUTHERN REGION

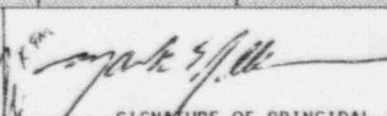
SALEM

DMR NUMBER: 101995

| PARAMETER<br>(32-37)   | SAMPLE MEASUREMENT<br>(46-53) | (3 Card Only) QUANTITY OR LOADING<br>(54-61) |                | UNITS  | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                 | UNITS          | NO. EX.<br>(62-63) | FREQ. OF ANALYSIS<br>(64-68) | SAMPLE TYPE<br>(69-70) |        |
|--|-------------------------------|--|----------------|--------|---|-----------------|----------------|--------------------|------------------------------|------------------------|--------|
|  |                               | REPORT MNTH AVG                              | REPORT DLY MAX |        | REPORT MNTH AVG                                   | REPORT DLY MAX  |                |                    |                              |                        |        |
| BOD, 5-DAY<br>(20 DEG. C)<br>00310 G 0<br>RAW SEW/INFLUENT                       | 91.9                          | 91.9   |                | KG/DAY | *****   | 638             | 638            |                    | 00                           | ONCE/MONTH             | GRAB   |
|  | PERMIT REQUIREMENT            | REPORT MNTH AVG                              | REPORT DLY MAX | KG/DAY | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L               | 00                           | ONCE/MONTH             | GRAB   |
| BOD, 5-DAY<br>(20 DEG. C)<br>00310 1 0<br>EFFLUENT GROSS VALUE                   | 1.9                           | 1.9  |                | KG/DAY | *****   | 13              | 13             |                    | 00                           | ONCE/MONTH             | GRAB   |
|  | PERMIT REQUIREMENT            | REPORT MNTH AVG                              | REPORT DLY MAX | KG/DAY | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L               | 00                           | ONCE/MONTH             | GRAB   |
| PH   | *****                         | *****  |                |        | 7.5   | *****           | 7.8            |                    | 0                            | TWICE/WEEK             | GRAB   |
| 00400 1 0<br>EFFLUENT GROSS VALUE  | *****                         | *****  | *****          | SU     | 6.0   | *****           | 9.0            |                    | 0                            | TWICE/WEEK             | GRAB   |
|  | PERMIT REQUIREMENT            | *****  | *****          | *****  | MINIMUM   | *****           | MAXIMUM        |                    |                              |                        |        |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 G 0<br>RAW SEW/INFLUENT                      | *****                         | *****  |                |        | *****   | 414             | 414            |                    | 00                           | ONCE/MONTH             | COMPOS |
|  | PERMIT REQUIREMENT            | *****  | *****          | *****  | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L               | 00                           | ONCE/MONTH             | COMPOS |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0<br>EFFLUENT GROSS VALUE                  | *****                         | *****  |                |        | *****   | 27              | 27             |                    | 00                           | ONCE/MONTH             | COMPOS |
|  | PERMIT REQUIREMENT            | *****  | *****          | *****  | *****   | 30              | 100            | MG/L               | 00                           | ONCE/MONTH             | COMPOS |
|  |                               |  |                |        | *****   | REPORT MNTH AVG | REPORT DLY MAX |                    |                              |                        |        |
| OIL AND GREASE<br>FREON EXTR-GRAV METH<br>00556 1 0<br>EFFLUENT GROSS VALUE      | *****                         | *****  |                |        | *****   | < 1             | < 1            |                    | 00                           | ONCE/MONTH             | GRAB   |
|  | PERMIT REQUIREMENT            | *****  | *****          | *****  | *****   | 10              | 15             | MG/L               | 00                           | ONCE/MONTH             | GRAB   |
|  |                               |  |                |        | *****   | REPORT MNTH AVG | REPORT DLY MAX |                    |                              |                        |        |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0<br>EFFLUENT GROSS VALUE | 0.026                         | 0.058  |                | MGD    | *****   | *****           | *****          |                    | 0                            | DAILY                  | FLOIND |
|  | PERMIT REQUIREMENT            | REPORT MNTH AVG                              | REPORT DLY MAX | MGD    | *****   | *****           | *****          | *****              | 0                            | DAILY                  | FLOIND |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
**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 these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
**609 339-3463**

DATE  
**95 11 22**

PERMITTEE NAME/ADDRESS

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

**462B**

DISCHARGE NUMBER

## MONITORING PERIOD

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

FROM

YEAR MO DAY

**95 10 01**

TO

YEAR MO DAY

**95 10 31**

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

**SEWAGE W.W.****MAJOR****SOUTHERN REGION****SALEM**DMR NUMBER: **101995**

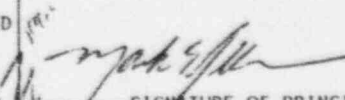
| PARAMETER<br>(32-37)  | SAMPLE MEASUREMENT<br>PERMIT REQUIREMENT | (3 Card Only) QUANTITY OR LOADING<br>(46-53) |                | UNITS  | (4 Card Only) QUALITY OR CONCENTRATION<br>(54-61) |                 |                | UNITS    | NO. EX. (62-63) | FREQ. OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|--|--|----------------|--------|---|-----------------|----------------|----------|-----------------|---------------------------|---------------------|
|   |  | *****  | *****          |        | *****   | *****           | *****          |          |                 |                           |                     |
| COLIFORM, FECAL GENERAL<br>74055 1 0<br>EFFLUENT GROSS VALUE      | SAMPLE MEASUREMENT                       | *****  | *****          |        | *****   | < 1             | < 1            |          |                 | ONCE/MONTH                | GRAB                |
| 30D, 5-DAY PERCENT REMOVAL<br>81010 K 0<br>PERCENT REMOVAL        | PERMIT REQUIREMENT                       | *****  | *****          | ****   | *****   | 200 MONTHGEO    | 400 WKLY GEO   | #/100 ML |                 | ONCE/MONTH                | GRAB                |
| SOLIDS, SUSPENDED PERCENT REMOVAL<br>81011 K 0<br>PERCENT REMOVAL | SAMPLE MEASUREMENT                       | *****  | *****          |        | 98.0  | 98.0            | *****          |          |                 | ONCE/MONTH                | CALCTD              |
| OXYGEN DEMAND FIRST STAGE<br>82210 1 0<br>EFFLUENT GROSS VALUE    | PERMIT REQUIREMENT                       | *****  | *****          | ****   | 87.5 MONAVMIN                                     | REPORT AVERAGE  | *****          | PERCENT  |                 | ONCE/MONTH                | CALCTD              |
|   | SAMPLE MEASUREMENT                       | *****  | *****          |        | 93  | 93              | *****          |          |                 | ONCE/MONTH                | CALCTD              |
|   | PERMIT REQUIREMENT                       | *****  | *****          | ****   | 85 MONAVMIN                                       | REPORT AVERAGE  | *****          | PERCENT  |                 | ONCE/MONTH                | CALCTD              |
|   | SAMPLE MEASUREMENT                       | 2.2  | 2.2            |        | *****   | 15.6            | 15.6           |          |                 | ONCE/MONTH                | CALCTD              |
|   | PERMIT REQUIREMENT                       | 8.2 MNTH AVG                                 | REPORT DLY MAX | KG/DAY | *****   | REPORT MNTH AVG | REPORT DLY MAX | MG/L     |                 | ONCE/MONTH                | CALCTD              |
|   | SAMPLE MEASUREMENT                       |  |                |        |   |                 |                |          |                 |                           |                     |
|   | PERMIT REQUIREMENT                       |  |                |        |   |                 |                |          |                 |                           |                     |
|   | SAMPLE MEASUREMENT                       |  |                |        |   |                 |                |          |                 |                           |                     |
|   | PERMIT REQUIREMENT                       |  |                |        |   |                 |                |          |                 |                           |                     |
|   | SAMPLE MEASUREMENT                       |  |                |        |   |                 |                |          |                 |                           |                     |
|   | PERMIT REQUIREMENT                       |  |                |        |   |                 |                |          |                 |                           |                     |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
 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 these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

TELEPHONE  
**609 339-3463**  
 AREA CODE NUMBER

DATE  
**95 11 22**  
 YEAR MO DAY

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  


PERMITTEE NAME/ADDRESS

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

**463A**

DISCHARGE NUMBER

## MONITORING PERIOD

FACILITY **PSE&G HOPE CREEK GENERATING STATION**LOCATION **LOWER ALLOWAYS CREEK, NJ 08038**DMR NUMBER: **101995**

FROM

YEAR MO DAY  
**95 10 01**

TO

YEAR MO DAY  
**95 10 31**

(20-21)(22-23)(24-25)

(26-27)(28-29)(30-31)

**SOUTH STORM DRAIN****MAJOR****SOUTHERN REGION****SALEM**

| PARAMETER<br>(32-37)                        | . . .<br>.         | (3 Card Only) QUANTITY OR LOADING<br>(46-53) (54-61) |         |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) (46-53) (54-61) |          |         | NO.<br>EX<br>(62-63) | FREQ.<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |        |
|---|--------------------|--|---------|-------|---|----------|---------|----------------------|------------------------------------|---------------------------|--------|
|   |                    |  |         | UNITS |   |          | UNITS   |                      |                                    |                           |        |
| PH  | SAMPLE MEASUREMENT | *****  | *****   |       | 7.9   | *****    | 7.9     |                      | 00                                 | ONCE/MONTH                | GRAB   |
| 00400 1 0                                   | PERMIT REQUIREMENT | *****  | *****   | ****  | 6.0   | *****    | 9.0     | SU                   |                                    | ONCE/MONTH                | GRAB   |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  | MINIMUM   |          | MAXIMUM |                      |                                    |                           |        |
| SOLIDS, TOTAL SUSPENDED                     | SAMPLE MEASUREMENT | *****  | *****   |       | *****   | 41       | 41      |                      | 00                                 | ONCE/MONTH                | GRAB   |
| 00530 1 1 (ADMIN)                           | PERMIT REQUIREMENT | *****  | *****   | ****  | *****   | REPORT   | REPORT  | MG/L                 |                                    | ONCE/MONTH                | GRAB   |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  |   | MNTH AVG | DLY MAX |                      |                                    |                           |        |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT | *****  | *****   |       | *****   | 1        | 1       |                      | 00                                 | ONCE/MONTH                | GRAB   |
| 00551 1 0                                   | PERMIT REQUIREMENT | *****  | *****   | ****  | *****   | REPORT   | 15      | MG/L                 |                                    | ONCE/MONTH                | GRAB-3 |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  |   | MNTH AVG | DLY MAX |                      |                                    |                           |        |
| CARBON, TOT ORGANIC (TOC)                   | SAMPLE MEASUREMENT | *****  | *****   |       | *****   | 2        | 2       |                      | 00                                 | ONCE/MONTH                | GRAB   |
| 00680 1 1                                   | PERMIT REQUIREMENT | *****  | *****   | ****  | *****   | REPORT   | 50      | MG/L                 |                                    | ONCE/MONTH                | GRAB   |
| EFFLUENT GROSS VALUE                        |                    |  |         | ****  |   | MNTH AVG | DLY MAX |                      |                                    |                           |        |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT    | SAMPLE MEASUREMENT | 0.398  | 0.398   |       | *****   | *****    | *****   |                      | 00                                 | ONCE/MONTH                |        |
| 50050 1 0                                   | PERMIT REQUIREMENT | REPORT   | REPORT  | MGD   | *****   | *****    | *****   | ****                 |                                    | ONCE/MONTH                |        |
| EFFLUENT GROSS VALUE                        |                    | MNTH AVG   | DLY MAX |       |   |          |         | ***                  |                                    |                           |        |
|   | SAMPLE MEASUREMENT |  |         |       |   |          |         |                      |                                    |                           |        |
|   | PERMIT REQUIREMENT |  |         |       |   |          |         |                      |                                    |                           |        |
|   | SAMPLE MEASUREMENT |  |         |       |   |          |         |                      |                                    |                           |        |
|   | PERMIT REQUIREMENT |  |         |       |   |          |         |                      |                                    |                           |        |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

**MARK E. REDDEMANN****GENERAL MANAGER****HOPE CREEK OPERATIONS**

TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463

95 11 22

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. \*\*PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.

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

|                       |    |     |                       |      |    |     |
|-----------------------|----|-----|-----------------------|------|----|-----|
| <b>NJ0025411</b>      |    |     | <b>464A</b>           |      |    |     |
| PERMIT NUMBER         |    |     | DISCHARGE NUMBER      |      |    |     |
| MONITORING PERIOD     |    |     |                       |      |    |     |
| YEAR                  | MO | DAY | TO                    | YEAR | MO | DAY |
| 95                    | 10 | 01  |                       | 95   | 10 | 31  |
| (20-21)(22-23)(24-25) |    |     | (26-27)(28-29)(30-31) |      |    |     |

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

**PERIM STORM DRAIN**  
**MAJOR**  
**SOUTHERN REGION**

SALEM

DMR NUMBER: 101995

| PARAMETER<br>(32-37)                           | . . .<br>.            | (3 Card Only) QUANTITY OR LOADING<br>(46-53) (54-61) |                   |       | (4 Card Only) QUALITY OR CONCENTRATION<br>(38-45) (46-53) (54-61) |                    |                   |       | NO.<br>EX<br>(62<br>63) | FREQ.<br>OF<br>ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |            |
|--|-----------------------|--|-------------------|-------|---|--------------------|-------------------|-------|-------------------------|------------------------------------|---------------------------|------------|
|  |                       |  |                   | UNITS |   |                    |                   | UNITS |                         |                                    |                           |            |
| PH   |                       | *****  | *****             |       | 7.3   | *****              | 7.3               |       | SU                      | 00                                 | ONCE/<br>MONTH            | GRAB       |
| 00400 1 0<br>EFFLUENT GROSS VALUE              | SAMPLE<br>MEASUREMENT |  |                   |       | 6.0<br>MINIMUM  | *****              | 9.0<br>MAXIMUM    |       |                         | ONCE/<br>MONTH                     | GRAB                      |            |
| SOLIDS, TOTAL<br>SUSPENDED                     |                       | *****  | *****             |       | *****   |                    | 36                | 36    | MG/L                    | 00                                 | ONCE/<br>MONTH            | GRAB       |
| 00530 1 1 (ADMIN)<br>EFFLUENT GROSS VALUE      | SAMPLE<br>MEASUREMENT |  |                   |       | *****   | REPORT<br>MNTH AVG | REPORT<br>DLY MAX |       |                         | ONCE/<br>MONTH                     | GRAB                      |            |
| HYDROCARBONS, IN H2O,<br>IR, CC14 EXT. CHROMAT |                       | *****  | *****             |       | *****   |                    | 2                 | 2     | MG/L                    | 00                                 | ONCE/<br>MONTH            | GRAB<br>** |
| 00551 1 0<br>EFFLUENT GROSS VALUE              | SAMPLE<br>MEASUREMENT |  |                   |       | *****   | REPORT<br>MNTH AVG | 15<br>DLY MAX     |       |                         | ONCE/<br>MONTH                     | GRAB-3                    |            |
| CARBON, TOT ORGANIC<br>(TOC)                   |                       | *****  | *****             |       | *****   |                    | 16                | 16    | MG/L                    | 00                                 | ONCE/<br>MONTH            | GRAB       |
| 00680 1 1<br>EFFLUENT GROSS VALUE              | SAMPLE<br>MEASUREMENT |  |                   |       | *****   | REPORT<br>MNTH AVG | 50<br>DLY MAX     |       |                         | ONCE/<br>MONTH                     | GRAB                      |            |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT    |                       | 0.519  | 0.519             |       | *****   | *****              | *****             |       | *****<br>***            | 00                                 | ONCE/<br>MONTH            |            |
| 50050 1 0<br>EFFLUENT GROSS VALUE              | SAMPLE<br>MEASUREMENT | REPORT<br>MNTH AVG                                   | REPORT<br>DLY MAX | MGD   | *****   | *****              | *****             |       |                         | ONCE/<br>MONTH                     |                           |            |
|  |                       |  |                   |       |   |                    |                   |       |                         |                                    |                           |            |
|  |                       |  |                   |       |   |                    |                   |       |                         |                                    |                           |            |
|  |                       |  |                   |       |   |                    |                   |       |                         |                                    |                           |            |
|  |                       |  |                   |       |   |                    |                   |       |                         |                                    |                           |            |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**MARK E. REDDEMANN**  
**GENERAL MANAGER**  
**HOPE CREEK OPERATIONS**  
TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN; AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL  
EXECUTIVE OFFICER OR  
AUTHORIZED AGENT

|              |        |      |        |
|--------------|--------|------|--------|
| TELEPHONE    |        | DATE |        |
| 609 339-3463 |        | 95   | 11 22  |
| 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. \*\*PLEASE REFER TO THE ATTACHED TRANSMITTAL SHEET ADDENDA.