



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

Hope Creek Generating Station

August 24, 1994

Chief George Corporale
Bureau of Information Systems
P. O. Box CN-029
Trenton, N. J. 08625

RE: NEW JERSEY POLLUTANT DISCHARGE
ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT
HOPE CREEK GENERATING STATION
NJPDES PERMIT NJ0025411

Dear Sir:

Attached is the Discharge Monitoring Report for the Hope Creek Generating Station for the month of July 1994.

This report is required by and prepared specifically for the Environmental Protection Agency (EPA) and the New Jersey Department of Environmental Protection and Energy (NJDEPE). 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 NJDEPE, 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

200074

9409010296 940731
PDR ADDCK 05000354
R PDR

NJPDES

2

8/24/94

from
CW:eaj
Attachments

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

NJPDES
Explanation of conditions
July 1994

8/24/94

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 NJDEPE 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 NJDEPE DMR Instruction manual and specific guidance from DEP personnel.

NJPDES
Explanation of Exceedances
July 1994

8/24/94

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.

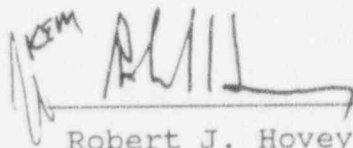
EXPLANATION

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 AUG 1994.


SHERI L. HUSTON
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Dec. 22, 1998

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO

REPORTING PERIOD

MO. YR.

MO. YR.

01025411

017914 THRU 017914

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) Christopher E. White

Grade & Registry No. (X-2) ND956

Signature [Signature]

Date 8/24/94

PRINCIPAL EXECUTIVE OFFICER or
DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey

Title (Printed) General Manager
Hope Creek Operations

Signature [Signature]

Date 8/24/94

* Please refer to the attached Transmittal Sheet Addenda.

* Please refer to the attached Transmittal Sheet Addenda.

Year 94

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

ADDENDA TO MONITORING REPORT - TRANSMITTAL SHEET

DISCHARGE NUMBER

| PAGE | PARAMETER | COMMENTS |
|-------------|---|--|
| <u>461A</u> | NOTES | |
| 1 of 5 | 00530 1 0 * 00530 2 0 00530 7 0 00551 1 0 | Sample frequency was 3/month in order to meet internal procedural guidance on conductivity agreement between the River and Cooling Tower Blowdown. |
| 2 of 5 | 00551 2 0 * 00551 7 0 00665 1 1 00665 2 1 00665 7 1 00680 1 1 00680 2 1 | All sample frequencies increased to 3/month (see above explanation). |
| 2 of 5 | 00665 2 1 * 00680 2 1 | Net values calculated from grab samples. |
| 3 of 5 | 00680 7 1 * | Sample frequency also 3/month for reason mentioned above. |
| <u>461C</u> | | |
| 1 of 2 | 00680 1 1 * | Samples obtained were composites in accordance with permit requirements. |
| <u>462A</u> | | |
| 1 of 1 | 00551 1 0 * | Unable to meet sampling criteria due to 72 HR dry period not met. |
| <u>463A</u> | | |
| 1 of 1 | 00551 1 0 * | Unable to meet sampling criteria due to 72 HR dry period not met. |
| <u>464</u> | | |
| 1 of 1 | 00551 1 0 * | Unable to meet sampling criteria due to 72 HR dry period not met. |

DIVISION OF WATER RESOURCES

MONITORING REPORT - TRANSMITTAL SHEET

NJPDES NO

REPORTING PERIOD

MO. YR.

MO. YR.

0101215141111

07/94 THRU 07/94

PERMITTEE:

Name Public Service Electric & Gas Company

Address P.O. Box 236

Hancocks Bridge, N.J. 08038

FACILITY:

Name Hope Creek Generating Station

Address P.O. Box 236

Hancocks Bridge, N.J. (County) Salem

Telephone 609 339-3463

FORMS ATTACHED (Indicate Quantity of Each)

SLUDGE REPORTS - SANITARY

☐ T-VWX-007 ☐ T-VWX-008 ☐ T-VWX-009

SLUDGE REPORTS - INDUSTRIAL

☐ T-VWX-010A ☐ T-VWX-010B

WASTEWATER REPORTS

☐ T-VWX-011 ☐ T-VWX-012 ☐ T-VWX-013

GROUNDWATER REPORTS

☐ VWX-015(A,B) ☐ VWX-016 ☐ VWX-017

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) Andres NURK

Grade & Registry No. S-4 (S4542)

Signature Andres Nurk

Date 8/4/94

PRINCIPAL EXECUTIVE OFFICER or DULY AUTHORIZED REPRESENTATIVE

Name (Printed) Robert J. Hovey
General Manager

Title (Printed) Hope Creek Operations

Signature [Signature]

Date 8/24/94

OPERATING EXCEPTIONS DETAILED

7/29 - 7/31 flow totalizer Digital readout
Not working. Daily flow a sum of estimated
Volume each hour from flow chart

East clarifier off line due to good settling rate

#1 filter off line due to influent valve being
stuck in shut position

HOURS ATTENDED AT PLANT

Month 07

Year 94

| 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 | | 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 | 8 | |

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME **PSE&G**

ADDRESS **P.O. BOX 236/N21**

HANCOCKS BRIDGE, NJ 08038

FACILITY **PSE&G HOPE CREEK GENERATING ST**

LOCATION **LOWER ALLOWAYS CREE, NJ 08038**

DMR NUMBER: **NJ0025411 461A 071994**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(12-16)

(17-19)

NJ0025411

PERMIT NUMBER

461A

DISCHARGE NUMBER

CREATED: **07/05/94**

MAJOR

Form Approved.

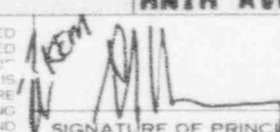
OMB No. 2040-0004

COOLING TOWER BLOWDOWN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | SAMPLE MEASUREMENT | (3 Card Only) (46-53) | | UNITS | (4 Card Only) (38-45) | | (46-53) | | UNITS | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|--------------------|--------------------------|---------|-------|--------------------------|---------|-----------------|------------------|-------|-------------------|----------------------------------|------------------------|
| | | AVERAGE | MAXIMUM | | MINIMUM | AVERAGE | MAXIMUM | | | | | |
| TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | | 31.6 | 33.2 | | 0 | CONTINUOUS | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | | REPORT MNTH AVG | 35.60000 DLY MAX | DEG-C | | CONTINUOUS | |
| TEMPERATURE, WATER DEG. CENTIGRADE 00010 7 1 INTAKE FROM STREAM | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | | 29.0 | 30.3 | | 0 | CONTINUOUS | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | | REPORT MNTH AVG | REPORT DLY MAX | DEG-C | | CONTINUOUS | |
| PH | SAMPLE MEASUREMENT | 000000 | 000000 | | 8 | | 000000 | 8 | | 0 | TWICE/WEEK | GRAB |
| 00400 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 6.00000 MINIMUM | | 000000 | 9.00000 MAXIMUM | SU | | TWICE/GRAB WEEK | |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | | 131 | 156 | * | 0 | THREE/MONTH | GRAB |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH | |
| SOLIDS, TOTAL SUSPENDED 00530 2 0 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | | 83 | 108 | * | 0 | THREE/MONTH | CALCTD |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/CALCTD MONTH | |
| SOLIDS, TOTAL SUSPENDED 00530 7 0 INTAKE FROM STREAM | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | | 48 | 60 | * | 0 | THREE/MONTH | GRAB |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH | |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | | <0.10 | <0.10 | * | 0 | THREE/MONTH | GRAB |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH | |

| | | | | | | | |
|---|---|---|-----------|----------|------|----|-----|
| 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 U.S.C. § 1001 AND 23 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) |  SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | TELEPHONE | | DATE | | |
| Robert J. Hovey General Manager Hope Creek Operations | | | 609 | 339-3463 | 94 | 08 | 24 |
| 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.

* Please refer to the attached Transmittal Sheet Addenda.

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

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

461A

DISCHARGE NUMBER

CREATED: 07/05/94 MAJOR

Form Approved.

OMB No. 2040-0004

COOLING TOWER BLOWDOWN

FACILITY PSE&G HOPE CREEK GENERATING ST

LOCATION LOWER ALLOWAYS CREE, NJ 08038

DMR NUMBER: NJ0025411 461A 071994

| MONITORING PERIOD | | | | | | | | |
|-------------------|----|----|---------|----|----|---------|----|--|
| YEAR | | | MO | | | DAY | | |
| FROM | 94 | 07 | 01 | TO | 94 | 07 | 31 | |
| (20-21) | | | (22-23) | | | (24-25) | | |
| | | | (26-27) | | | (28-29) | | |
| | | | | | | (30-31) | | |

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (12-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | | NO. EX | FREQUENCY OF ANALYSIS (52-63) | SAMPLE TYPE (69-70) | | |
|---|-----------------------|---|---------|-------|---|--------------------|----------------------|--------------|--|---------------------------|----|-----|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | | | | | |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 2 0 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | <0.10 | <0.10 | * | 0 | THREE/ MONTH CALCTD | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | 20.00000X DLY MAX | MG/L | | TWICE/ MONTH | | |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 7 0 INTAKE FROM STREAM | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | <0.10 | <0.10 | * | 0 | THREE/ MONTH GRAB | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/ MONTH | | |
| PHOSPHORUS, TOTAL (AS P) 00665 1 1 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 0.27 | 0.38 | * | 0 | THREE/ MONTH GRAB | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/ MONTH | | |
| PHOSPHORUS, TOTAL (AS P) 00665 2 1 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 0.04 | 0.12 | * | 0 | THREE/ MONTH CALCTD | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/ MONTH | | |
| PHOSPHORUS, TOTAL (AS P) 00665 7 1 INTAKE FROM STREAM | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 0.23 | 0.33 | * | 0 | THREE/ MONTH GRAB | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/ MONTH | | |
| CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 11.8 | 13 | * | 0 | THREE/ MONTH GRAB | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/ MONTH | | |
| CARBON, TOT ORGANIC (TOC) 00680 2 1 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 4 | 4 | * | 0 | THREE/ MONTH CALCTD | | |
| | PERMIT REQUIREMENT | 000000 | 000000 | 0000 | 000000 | REPORT MNTH AVG | 20.00000X DLY MAX | MG/L | | TWICE/ MONTH | | |
| 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 | | |
| Robert J. Hovey General Manager Hope Creek Operations | | | | | | | | | | | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | | | | 609 | 339-3463 | 94 | 08 | 24 |
| | | | | | | | | 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 (Include Facility Name/Location if different)

NAME **PSE&G**
ADDRESS **P.O. BOX 236/M21**
HANCOCKS BRIDGE, NJ 08038

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

NJ0025411
PERMIT NUMBER

461A
DISCHARGE NUMBER

CREATED: 07/05/94 MAJOR
Form Approved.

OMB No. 2040-0004

COOLING TOWER BLOWDOWN

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

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|---------|---------|---------|--|
| FROM | | | TO | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | |
| 94 | 07 | 01 | 94 | 07 | 31 | |
| (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) | |

DMR NUMBER: **NJ0025411 461A 071994**

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | X | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | | NO. EX | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---------------------------|--------------------|--|---------|---------|---|-----------------|----------------|-----------|--|---------------------------|
| | | MINIMUM | AVERAGE | MAXIMUM | MINIMUM | AVERAGE | MAXIMUM | | | |
| CARBON, TOT ORGANIC (TOC) | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | 7.8 | 9.7 | * | 0 | THREE/MONTH |
| 00680 7 1 | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| INTAKE FROM STREAM | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| CHROMIUM, TOTAL (AS CR) | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| 01034 1 0 | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/CALCTD MONTH |
| CHROMIUM, TOTAL (AS CR) | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| 01034 2 0 | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/CALCTD MONTH |
| EFFLUENT NET VALUE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| CHROMIUM, TOTAL (AS CR) | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| 01034 7 0 | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| INTAKE FROM STREAM | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| COPPER, TOTAL (AS CU) | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| 01042 1 0 | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| COPPER, TOTAL (AS CU) | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/CALCTD MONTH |
| 01042 2 0 | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| EFFLUENT NET VALUE | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| COPPER, TOTAL (AS CU) | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | | - | - |
| 01042 7 0 | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH |
| INTAKE FROM STREAM | | | | | | | | | | |

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 \$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

AREA CODE NUMBER

DATE

94 08 24

YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (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 (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

PERMIT NUMBER

461A

DISCHARGE NUMBER

CREATED: 07/05/94

MAJOR

Form Approved.

OMB No. 2040-0004

Approval expires 10-31-94

COOLING TOWER BLOWDOWN

FACILITY **PSEEG HOPE CREEK GENERATING ST**

LOCATION **LOWER ALLOWAYS CREE, NJ 08038**

DMR NUMBER: **NJ0025411 461A 071994**

MONITORING PERIOD

FROM YEAR **94** MO **07** DAY **01** TO YEAR **94** MO **07** DAY **31**
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (12-17) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (54-61) | | | NO EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|--------------------|---|-------------------|---------|--|--------------------|-------------------|---------------------|--|---------------------------|
| | | MINIMUM | AVERAGE | MAXIMUM | MINIMUM | AVERAGE | MAXIMUM | | | |
| ZINC, TOTAL (AS ZN) 01092 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | - | - | - |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | TWICE/GRAB MONTH | |
| ZINC, TOTAL (AS ZN) 01092 2 0 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | - | - | - |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | 60000 DLY MAX | MG/L | TWICE/CALCTD MONTH | |
| ZINC, TOTAL (AS ZN) 01092 7 0 INTAKE FROM STREAM | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | NODI | NODI | - | - | - |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | TWICE/GRAB MONTH | |
| ASBESTOS (FIBROUS) 34225 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | <0.000004 | <0.000004 | 0 | TWICE/ MONTH GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | UG/L | TWICE/GRAB MONTH | |
| ASBESTOS (FIBROUS) 34225 2 0 EFFLUENT NET VALUE | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | <0.000004 | <0.000004 | 0 | TWICE/ MONTH GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | UG/L | TWICE/CALCTD MONTH | |
| ASBESTOS (FIBROUS) 34225 7 0 INTAKE FROM STREAM | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | <0.000004 | <0.000004 | 0 | TWICE/ MONTH GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | UG/L | TWICE/GRAB MONTH | |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 37.21 | 39.21 | ***** | ***** | ***** | ***** | 0 | CONTIN UOUS | |
| | PERMIT REQUIREMENT | REPORT MNTH AVG | REPORT DLY MAX | ***** | ***** | ***** | ***** | ***** | CONTIN UOUS | |

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 \$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

94

08

24

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

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

(2-16) **NJ0025411**
 PERMIT NUMBER
 (17-19) **461A**
 DISCHARGE NUMBER

CREATED: 07/05/94 MAJOR

Form Approved.

OMB No. 2040-0004

COOLING TOWER BLOWDOWN

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

DMR NUMBER: **NJ0025411 461A 071994**

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|---------|---------|---------|--|
| FROM | | | TO | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | |
| 94 | 07 | 01 | 94 | 07 | 31 | |
| (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) | |

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (12-17) | | (3 Card Only) (46-53) | | | (4 Card Only) (38-45) | | | NO. EX | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|-----------------------|--------------------------|----------------------|-------------|--------------------------|---------------------|--------------------|-----------|--|---------------------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | | | |
| CHLORINE, TOTAL RESIDUAL 50060 1 0 EFFLUENT GROSS VALUE HEAT (SUMMER) (PER HOUR) 81386 2 1 (ADMIN) EFFLUENT NET VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <0.1 | <0.1 | 0 | CONTIN UOUS | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 0.20000 MNTH AVG | 0.50000 DLY MAX | MG/L | | CONTIN UOUS |
| | SAMPLE MEASUREMENT | 61 | 89 | | ***** | ***** | ***** | 0 | CONTIN UOUS | CALCTD |
| | PERMIT REQUIREMENT | REPORT MNTH AVG | 443.00000 DLY MAX | MBTU/ HR | ***** | ***** | ***** | *** | | CONTIN UOUS |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Robert J. Hovey
 General Manager
 Hope Creek Operations

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

SIGNATURE OF PRINCIPAL EXECUTIVE
 OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463 94 08 24
 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 (Include Facility Name/Location if different)
NAME

PSE&G
ADDRESS P.O. BOX 236/M21
HANCOCKS BRIDGE, NJ 08038

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

NJ0025411
PERMIT NUMBER

461C
DISCHARGE NUMBER

CREATED: 07/05/94 MAJOR

Form Approved.

OMB No. 2040-0004

Approval expires 10-31-94

LOW VOLUME IN SYSTEM

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

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|---------|---------|---------|--|
| FROM | | | TO | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | |
| 94 | 07 | 01 | 94 | 07 | 31 | |
| (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) | |

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: NJ0025411 461C 071994

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | | NO. EX | FREQUENCY OF ANALYSIS (62-63) | SAMPLE TYPE (64-70) | |
|---|-----------------------|---|--------------------|------------------|--|----------------------|----------------------|-----------|--|---------------------------|--------|
| | | AVERAGE (46-53) | MAXIMUM (54-61) | UNITS (54-61) | MINIMUM (38-45) | AVERAGE (46-53) | MAXIMUM (54-61) | | | | |
| TEMPERATURE, WATER DEG. CENTIGRADE 00010 1 1 EFFLUENT GROSS VALUE PH | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 25.1 | 26.1 | 0 | WEEKLY | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | REPORT DLY MAX | | | WEEKLY GRAB | |
| 00400 1 0 EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT 00551 1 0 EFFLUENT GROSS VALUE NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC) 00680 1 1 EFFLUENT GROSS VALUE COPPER, TOTAL (AS CU) 01042 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | 8 | | 8 | 0 | WEEKLY | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | 6+00000 MINIMUM | ***** | 9+00000 MAXIMUM | | | WEEKLY GRAB | |
| | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 7 | 8 | 0 | TWICE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 30+00000 Mnth AVG | 100+00000 DLY MAX | | | TWICE/COMPOS MONTH | |
| | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 0 | 0 | 0 | TWICE/ MONTH | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 10+00000 Mnth AVG | 15+00000 DLY MAX | | | TWICE/GRAB MONTH | |
| | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 1 | 1 | 0 | TWICE/ MONTH | COMPOS | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 35+00000 Mnth AVG | REPORT DLY MAX | | | TWICE/COMPOS MONTH | |
| | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 16 | 17 | 0 | TWICE/ MONTH | COMPOS* | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | 50+00000 DLY MAX | | | TWICE/GRAB MONTH | |
| | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 0 | 0 | 0 | TWICE/ MONTH | GRAB | |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | 20000 DLY MAX | | | TWICE/GRAB MONTH | |
| 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 | |
| Robert J. Hovey General Manager Hope Creek Operations | | | | | | | | | | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | | | | 609 | 339-3463 | 94 | 08 24 |
| | | | | | | | | AREA CODE | NUMBER | YEAR | MO DAY |

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

* Please refer to the attached Transmittal Sheet Addenda.

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

NAME **PSE&G**
 ADDRESS **P.O. BOX 236/M21**
HAWCOCKS BRIDGE, NJ 08038

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

(2-16) **NJ0025411** (17-19) **461C**
 PERMIT NUMBER DISCHARGE NUMBER

CREATED: 07/05/94 MAJOR

Form Approved.

OMB No. 2040-0004

Approval Expires 10-31-94

LOW VOLUME **HW** SYSTEM

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

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|---------|---------|---------|--|
| FROM | | | TO | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | |
| 94 | 07 | 01 | 94 | 07 | 31 | |
| (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) | |

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: **NJ0025411 461C 071994**

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | UNITS | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | | UNITS | NO. EX | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|--------------------|---|--------------------|-------|--|--------------------|--------------------|-------|-----------|--|---------------------------|
| | | MINIMUM (46-53) | MAXIMUM (54-61) | | MINIMUM (38-45) | AVERAGE (46-53) | MAXIMUM (54-61) | | | | |
| IRON, TOTAL (AS FE) 01045 1 0 EFFLUENT GROSS VALUE FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 0.78 | 0.82 | | 0 | TWICE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | REPORT DLY MAX | MG/L | | TWICE/GRAB MONTH | |
| | SAMPLE MEASUREMENT | 0.05 | 0.13 | | ***** | ***** | ***** | | 0 | CONTIN UOUS | |
| | PERMIT REQUIREMENT | REPORT Mnth AVG | 45000 DLY MAX | MGD | ***** | ***** | ***** | **** | | CONTIN UOUS | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
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| | 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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

[Signature]

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609 339-3463 94 08 24
 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/M21**

HANCOCKS BRIDGE, NJ 08038

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

(2-16)

(17-19)

NJ0025411

PERMIT NUMBER

462A

DISCHARGE NUMBER

CREATED: 07/05/94

MAJOR

Form Approved.

OMB No. 2040-0004

Approval requires 10-31-94

NORTH STORM DRAIN

FACILITY **PSE&G HOPE CREEK GENERATING ST**

LOCATION **LOWER ALLOWAYS CREE, NJ 08038**

DMR NUMBER: **NJ0025411 462A**

071994

| MONITORING PERIOD | | | | | | | | |
|-------------------|---------|---------|---------|----|---------|---------|---------|--|
| YEAR | | | MO | | | DAY | | |
| FROM | 94 | 07 | 01 | TO | 94 | 07 | 31 | |
| | (20-21) | (22-23) | (24-25) | | (26-27) | (28-29) | (30-31) | |

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | | NO EX | FREQUENCY OF ANALYSIS (62-63) | SAMPLE TYPE (69-70) |
|--|--------------------|--|-------------------|-------|---|--------------------|---------------------|----------|--|---------------------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | | | |
| PH | SAMPLE MEASUREMENT | ***** | ***** | | 7.6 | ***** | 7.6 | 0 | ONCE/ MONTH | GRAB |
| 00400 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | 6.00000 MINIMUM | ***** | 9.00000 MAXIMUM | SU | ONCE/ MONTH | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 72 | 72 | 0 | ONCE/ MONTH | GRAB |
| 00530 1 1 (ADMIN) EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | REPORT DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <0.10 | <0.10 | 0 | ONCE/ MONTH | GRAB* |
| 00551 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | 15.00000 DLY MAX | MG/L | ONCE/ MONTH | GRAB-3 |
| CARBON, TOT ORGANIC (TOC) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 7 | 7 | 0 | ONCE/ MONTH | GRAB |
| 00680 1 1 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT Mnth AVG | 50.00000 DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | SAMPLE MEASUREMENT | 0.322 | 0.322 | | ***** | ***** | ***** | 0 | ONCE/ MONTH | |
| 50050 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | REPORT Mnth AVG | REPORT DLY MAX | MGD | ***** | ***** | ***** | **** | ONCE/ MONTH | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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 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.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609

339-3463

94

08

24

AREA
CODE

NUMBER

YEAR

MO

DAY

SAMPLES TO BE TAKEN DURING ANY 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 (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

462B

DISCHARGE NUMBER

CREATED: 07/05/94

MAJOR

Form Approved.

OMB No. 2040-0004

Approval expires 10-31-94

SEWAGE M.W.

FACILITY PSE&G HOPE CREEK GENERATING ST

LOCATION LOWER ALLOWAYS CREE, NJ 08038

DMR NUMBER: NJ0025411 462B 071994

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|---------|---------|---------|--|
| FROM | | | TO | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | |
| 94 | 07 | 01 | 94 | 07 | 31 | |
| (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) | |

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (46-53) | | | NO. EX | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|-----------------------|---|-------------------|-----------------|--|----------------------|----------------------|-----------------|--|---------------------------|
| | | MINIMUM | AVERAGE | MAXIMUM | MINIMUM | AVERAGE | MAXIMUM | | | |
| BOD, 5-DAY (20 DEG. C) 00310 6 0 RAW SEW/INFLUENT | SAMPLE MEASUREMENT | 89.6 | 89.6 | | ***** | 597 | 597 | 0 | ONCE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | REPORT MNTH AVG | REPORT DLY MAX | KG/ DAY | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| BOD, 5-DAY (20 DEG. C) 00310 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 0.9 | 0.9 | | ***** | 6.3 | 6.3 | 0 | ONCE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | 6.80000 MNTH AVG | REPORT DLY MAX | KG/ DAY | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| PH | SAMPLE MEASUREMENT | ***** | ***** | | 7.5 | ***** | 8.0 | 0 | TWICE/ WEEK | GRAB |
| | PERMIT REQUIREMENT | ***** | ***** | **** MINIMUM | 6.00000 MINIMUM | ***** | 9.00000 MAXIMUM | SU | TWICE/ WEEK | GRAB |
| 00400 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 606 | 606 | 0 | ONCE/ MONTH | COMPOS |
| SOLIDS, TOTAL SUSPENDED 00530 6 0 RAW SEW/INFLUENT | PERMIT REQUIREMENT | ***** | ***** | **** MINIMUM | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | ONCE/ MONTH | COMPOS |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 2 | 2 | 0 | ONCE/ MONTH | COMPOS |
| | PERMIT REQUIREMENT | ***** | ***** | **** MINIMUM | ***** | 30.00000 MNTH AVG | 100.00000 DLY MAX | MG/L | ONCE/ MONTH | COMPOS |
| OIL AND GREASE FREON EXTR-GRAV METH 00556 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <1 | <1 | 0 | ONCE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ***** | ***** | **** MINIMUM | ***** | 10.00000 MNTH AVG | 15.00000 DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 0.028 | 0.050 | | ***** | ***** | ***** | 0 | DAILY | FLOIND |
| | PERMIT REQUIREMENT | REPORT MNTH AVG | REPORT DLY MAX | MGD | ***** | ***** | ***** | **** MINIMUM | DAILY | FLOIND |

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 U.S.C. § 1001 AND
33 U.S.C. § 1319. (Penalties under these statutes may include fines up to
\$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE
OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609
AREA
CODE

339-3463
NUMBER

94

08

24

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/M21**
HANCOCKS BRIDGE, NJ 08038

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

NJ0025411
PERMIT NUMBER

462B
DISCHARGE NUMBER

CREATED: **07/05/94** **MAJOR**
Form Approved.
OMB No. 2040-0004
Approval expires 10-31-94
SEWAGE W.W.

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

| MONITORING PERIOD | | | | | | | | | |
|-------------------|---------|---------|----|---------|---------|---------|--|--|--|
| YEAR | MO | DAY | TO | YEAR | MO | DAY | | | |
| 94 | 07 | 01 | TO | 94 | 07 | 31 | | | |
| (20-21) | (22-23) | (24-25) | | (26-27) | (28-29) | (30-31) | | | |

DMR NUMBER: **NJ0025411 462B 071994**

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

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|-----------------------|---|--------------------|--------------|--|--------------------------|-----------------------|-------------|----------------------|--|---------------------------|
| | | (46-53) | | UNITS | (46-53) | | | UNITS | | | |
| | | AVERAGE (46-53) | MAXIMUM (54-61) | | MINIMUM (38-45) | AVERAGE (46-53) | MAXIMUM (54-61) | | | | |
| COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <1 | <1 | | 0 | ONCE/ MONTH | GRAB |
| | PERMIT REQUIREMENT | ***** | ***** | **** **** | ***** | 200.00000 MONTHLY GEO | 400.00000 WKLY GEO | #/100 ML | | ONCE/ MONTH | GRAB |
| BOD, 5-DAY PERCENT REMOVAL 81010 K 0 PERCENTREMOVAL | SAMPLE MEASUREMENT | ***** | ***** | | 98.9 | 98.9 | ***** | | 0 | ONCE/ MONTH | CALCTD |
| | PERMIT REQUIREMENT | ***** | ***** | **** **** | 87.50000 MONTHLY | REPORT AVERAGE | ***** | PERCE NT | | ONCE/ MONTH | CALCTD |
| SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 PERCENTREMOVAL | SAMPLE MEASUREMENT | ***** | ***** | | 100 | 100 | ***** | | 0 | ONCE/ MONTH | CALCTD |
| | PERMIT REQUIREMENT | ***** | ***** | **** **** | 85.00000 MONTHLY | REPORT AVERAGE | ***** | PERCE NT | | ONCE/ MONTH | CALCTD |
| OXYGEN DEMAND FIRST STAGE 82210 1 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 1.1 | 1.14 | | ***** | 7.6 | 7.6 | | 0 | ONCE/ MONTH | CALCTD |
| | PERMIT REQUIREMENT | 8.20000 MONTHLY AVG | REPORT DLY MAX | KG/ DAY | ***** | REPORT MONTHLY 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 | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) | TELEPHONE | | DATE | | |
| Robert J. Hovey General Manager Hope Creek Operations | | 609 339-3463 | | 94 | 08 | 24 |
| TYPED OR PRINTED | | 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/M21**
HANCOCKS BRIDGE, NJ 08038

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

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

CREATED: 07/05/94 MAJOR
 Form Approved.
 OMB No. 2040-0004
 Approval expires 10-31-94

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

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|---------|---------|---------|--|
| FROM | | | TO | | | |
| YEAR | MO | DAY | YEAR | MO | DAY | |
| 94 | 07 | 01 | 94 | 07 | 31 | |
| (20-21) | (22-23) | (24-25) | (26-27) | (28-29) | (30-31) | |


SOUTH STORM BRAIN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

DMR NUMBER: **NJ0025411 463A 071994**

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | UNITS | (4 Card Only) QUALITY OR CONCENTRATION (38-45) | | UNITS | NO. EX (62-67) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|--------------------|---|--------------------|--------------|--|--------------------|---------------------|----------------------|--|---------------------------|
| | | AVERAGE (46-53) | MAXIMUM (54-61) | | MINIMUM (38-45) | AVERAGE (46-53) | MAXIMUM (54-61) | | | |
| PH | SAMPLE MEASUREMENT | 000000 | 000000 | | 7.1 | 000000 | 7.1 | 0 | ONCE/ MONTH | GRAB |
| 00400 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | 000000 | 000000 | 0000 0000 | 6.00000 MINIMUM | 000000 | 9.00000 MAXIMUM | SU | ONCE/ MONTH | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 42 | 42 | 0 | ONCE/ MONTH | GRAB |
| 00530 1 1 (ADMIN) EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | 000000 | 000000 | 0000 0000 | 000000 | REPORT Mnth AVG | REPORT DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 0 | 0 | 0 | ONCE/ MONTH | GRAB* |
| 00551 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | 000000 | 000000 | 0000 0000 | 000000 | REPORT Mnth AVG | 15.00000 DLY MAX | MG/L | ONCE/ MONTH | GRAB-3 |
| CARBON, TOT ORGANIC (TOC) | SAMPLE MEASUREMENT | 000000 | 000000 | | 000000 | 8 | 8 | 0 | ONCE/ MONTH | GRAB |
| 00680 1 1 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | 000000 | 000000 | 0000 0000 | 000000 | REPORT Mnth AVG | 50.00000 DLY MAX | MG/L | ONCE/ MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | SAMPLE MEASUREMENT | 0.348 | 0.348 | | 000000 | 000000 | 000000 | 0 | ONCE/ MONTH | |
| 50050 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | REPORT Mnth AVG | REPORT DLY MAX | MGD | 000000 | 000000 | 000000 | 0000 000 | ONCE/ MONTH | |
| | 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 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.) |  | TELEPHONE | | DATE | | |
| Robert J. Hovey General Manager Hope Creek Operations | | | 609 | 339-3463 | 94 | 08 | 24 |
| TYPED OR PRINTED | | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | AREA CODE | NUMBER | YEAR | MO |

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 (Include Facility Name/Location if different)
NAME **PSE&G**

ADDRESS **P.O. BOX 236/M21**
HANCOCKS BRIDGE, NJ 08038

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

DMR NUMBER: **NJ0025411 464A 071994**

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

NJ0025411
PERMIT NUMBER

464A
DISCHARGE NUMBER

CREATED: **07/05/94** MAJOR

Form Approved.

OMB No. 2040-0004

Approval Expires 10-31-94

PERIM STORM DRAIN

SOUTHERN REGION / SALEM

NOTE: Read instructions before completing this form.

| PARAMETER (12-37) | | MONITORING PERIOD | | | MONITORING PERIOD | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|--------------------|--------------------------------|-------------------|----------------|-------------------------------------|--------------------|---------------------|-------------------|----------------------------------|------------------------|
| | | YEAR (20-21) | MO (22-23) | DAY (24-25) | YEAR (26-27) | MO (28-29) | DAY (30-31) | | | |
| | | 94 | 07 | 01 | 94 | 07 | 31 | | | |
| | | QUANTITY OR LOADING (46-53) | | | QUALITY OR CONCENTRATION (46-53) | | | | | |
| | | AVERAGE | | | AVERAGE | | | | | |
| | | MINIMUM | | | MINIMUM | | | | | |
| | | MAXIMUM | | | MAXIMUM | | | | | |
| | | UNITS | | | UNITS | | | | | |
| PH | SAMPLE MEASUREMENT | ***** | ***** | | 7.6 | ***** | 7.6 | 0 | ONCE/MONTH | GRAB |
| 00400 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | ***** | 6.00000 MINIMUM | ***** | 9.00000 MAXIMUM | SU | ONCE/MONTH | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 13 | 13 | 0 | ONCE/MONTH | GRAB |
| 00530 1 1 (ADMIN) EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | REPORT DLY MAX | MG/L | ONCE/MONTH | GRAB |
| HYDROCARBONS, IN H2O, IR, CC14 EXT. CHROMAT | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <0.10 | <0.10 | 0 | ONCE/MONTH | GRAB* |
| 00551 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | 15.00000 DLY MAX | MG/L | ONCE/MONTH | GRAB-3 |
| CARBON, TOT ORGANIC (TOC) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 11 | 11 | 0 | ONCE/MONTH | GRAB |
| 00680 1 1 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | REPORT MNTH AVG | 50.00000 DLY MAX | MG/L | ONCE/MONTH | GRAB |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | SAMPLE MEASUREMENT | 0.454 | 0.454 | | ***** | ***** | ***** | 0 | ONCE/MONTH | |
| 50050 1 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | REPORT MNTH AVG | REPORT DLY MAX | MGD | ***** | ***** | ***** | ***** | ONCE/MONTH | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

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 \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)

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OFFICER OR AUTHORIZED AGENT

TELEPHONE

DATE

609
AREA CODE

339-3463
NUMBER

94 08 24
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.