

NOV 25 2013



HCH-2013-064

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
ARTICLE NUMBER: 7011 3500 0000 5084 6246

Department of Environmental Protection  
Office of Permit Management  
Division of Water Quality  
PO Box 420  
Trenton, N.J. 08625-0420

**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 October 2013.

This report is required by and prepared specifically for the New Jersey Department of Environmental Protection (NJDEP). It presents only the observed results of measurements and analyses 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 or 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 Christopher White at (856) 339-3301.

Sincerely,

A handwritten signature in black ink that reads "Paul J. Davison".

Paul J. Davison  
Site Vice President – Hope Creek

Handwritten initials in black ink that read "IE 25" on the top line and "NLR" on the bottom line.

NOV 25 2013

HCH-2013-064  
NJPDES DMR

2

Attachments

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

## EXPLANATION OF CONDITIONS

### October 2013

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.

Deviations from required sampling, analysis monitoring and reporting methods and periodicities are indicated on the respective transmittal sheet with explanations below.

Results reported on the Discharge Monitoring Report forms are consistent with permit limits, data supplied from contract laboratories, the December 2007 revision of the NJDEP Monitoring Report Form Reference Manual and specific guidance from DEP personnel.

Sampling frequency was increased for DSN-461A to support the DRBC nutrient monitoring requirements and to obtain additional operational data.

NOV 25 2013

HCH-2013-064  
NJPDES DMR

4

EXPLANATION OF EXCEEDANCES

**October 2013**

The following exceedances are included in the attached report and explained below.

DSN No.

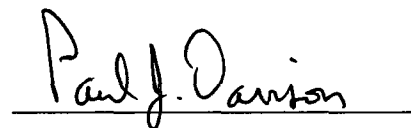
EXPLANATION

**No Exceedances**

COUNTY OF SALEM  
STATE OF NEW JERSEY

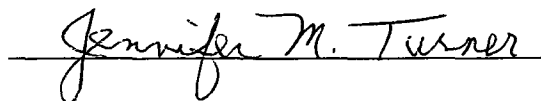
I, Paul J. Davison, of full age, being duly sworn according to law, upon my oath depose and say:

1. I am the Site Vice President-Hope Creek for PSEG Nuclear, and as such am authorized to sign Hope Creek's 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.



Paul J. Davison  
Site Vice President – Hope Creek

Sworn and subscribed before me  
this 25<sup>th</sup> day of November, 2013.



JENNIFER M. TURNER  
ID # 2332667  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 8/8/2015

New Jersey Department of Environmental Protection  
 Division of Water Quality  
**Surface Water Discharge Monitoring Report Submittal Form**

PI 46815

NJPDES PERMIT	MONITORING PERIOD							MONITORED LOCATION:
<b>NJ0025411</b>	Month	Day	Year	To	Month	Day	Year	<b>461A – DSN 461A – DSW</b>
	10	1	2013		10	31	2013	

**PERMITTEE:**

PSE&G NUCLEAR LLC  
 PO BOX 236 – ALLOWAY CREEK NECK RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**

HOPE CREEK GENERATING STATION  
 ARTIFICIAL ISLAND  
 FOOT OF BUTTONWOOD RD  
 LOWER ALLOWAYS CREEK, NJ 08038

**REPORT RECIPIENT:**

PSE&G  
 TRAVIS ZIGO  
 PO BOX 236 / H15  
 HANCOCKS BRIDGE, NJ 08038

**REGION / COUNTY: Southern / Salem County**

**CHECK IF APPLICABLE:**     No Discharge this Monitoring Period     Monitoring Report Comments Attached

**WHO MUST SIGN** The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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 that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Paul J. Davison, Site Vice President-Hope Creek	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	11/25/13
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE
	856-339-1555
	AREA CODE/PHONE NUMBER

*\*For a local agency where the highest-ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall sign the following certification:*

I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attached discharge monitoring reports.

N/A	N/A	N/A	N/A
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER

# Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 461A DSN 461A - DSW MONITORING PERIOD: 10/1/2013 TO 10/31/2013 FACILITY NAME: HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	48.751	69.149	MGD	*****	*****	*****	*****	φ	Continuous	Meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
	QL	*****	*****		*****	*****	*****				
Flow, In Conduit or Thru Treatment Plant 50050 7 Intake From Stream	SAMPLE MEASUREMENT	52.222	70.679	MGD	*****	*****	*****	*****	φ	Continuous	Meter
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****				
	QL	*****	*****		*****	*****	*****				
pH 00400 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	7.5	*****	8.6	SU	φ	1/week*	Grab
	PERMIT REQUIREMENT	*****	*****		6.0 01DAMN	*****	9.0 01DAMX				
	QL	*****	*****		*****	*****	*****				
LC50 Statre 96hr Acu Mysid Bahia TAN3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	φ	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		REPORT 01RPMN	*****	*****				
	QL	*****	*****		*****	*****	*****				
IC25 Statre 7day Chr Mysid Bahia TBP3E 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	Code=N	*****	*****	%EFFL	φ	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		REPORT 01RPMN	*****	*****				
	QL	*****	*****		*****	*****	*****				
Chlorine Produced Oxidants *CPOX 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.1	<0.1	MGL	φ	3/week*	Grab
	PERMIT REQUIREMENT	*****	*****		*****	0.2 01MOAV	0.5 01DAMX				
	RQL	*****	*****		*****	0.1	0.1				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

\*See Explanations of Conditions.

# Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 461A DSN 461A - DSW MONITORING PERIOD: 10/1/2013 TO 10/31/2013 FACILITY NAME: HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature, oC 00010 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	24.1	32.7	DEG.C	φ	Continuous	Meter
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	36.2 01DAMX			Continuous	METER
	QL	*****	*****		*****	*****	*****			*****	*****
Temperature, oC 00010 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	*****	21.1	24.8	DEG.C	φ	Continuous	Meter
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			Continuous	METER
	QL	*****	*****		*****	*****	*****			*****	*****
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	4.1	4.1	MG/L	φ	1/Month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	GRAB
	QL	*****	*****		*****	*****	*****			*****	*****
Carbon, Tot Organic (TOC) 00680 2 Effluent Net Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.29	0.29	MG/L	φ	1/Month	Calctd
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	CALCTD
	QL	*****	*****		*****	*****	*****			*****	*****
Carbon, Tot Organic (TOC) 00680 7 Intake From Stream	SAMPLE MEASUREMENT	*****	*****	*****	*****	3.0	3.0	MG/L	φ	1/Month	Grab
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/Month	GRAB
	QL	*****	*****		*****	*****	*****			*****	*****
Sulfate, Total (as SO4) 00945 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	Code=N	Code=N	UG/L	φ	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX			1/6 Months	COMP24
	QL	*****	*****		*****	*****	*****			*****	*****

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.



# Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 461A DSN 461A - DSW MONITORING PERIOD: 10/1/2013 TO 10/31/2013 FACILITY NAME: HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Boron, Total (as B) 01022 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	Code=N	Code=N		φ	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
	QL	*****	*****		*****	*****	*****				
Heat (winter) (per Hr.) 81387 1 Effluent Gross Value	SAMPLE MEASUREMENT	103	312		*****	*****	*****		φ	1/Day	Calctd
	PERMIT REQUIREMENT	REPORT 01MOAV	662 01DAMX	MBTU/HR	*****	*****	*****	*****		1/Day	CALCTD
	QL	*****	*****		*****	*****	*****				
Copper, Total Recoverable 01119 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	Code=N	Code=N		φ	Code=N	Code=N
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
	RQL	*****	*****		*****	2	2				
Lab Certification #  99999 99 Lab	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PA010				
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT AP
	QL	*****	*****		*****	*****	*****				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

New Jersey Department of Environmental Protection  
 Division of Water Quality  
**Surface Water Discharge Monitoring Report Submittal Form**

PI 46815

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
<b>NJ0025411</b>	Month	Day	Year	To	Month	Day	Year	<b>461C - DSN 461C - DSW internal</b>
	10	1	2013		10	31	2013	

**PERMITTEE:**

PSE&G NUCLEAR LLC  
 PO BOX 236 – ALLOWAY CREEK NECK RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**

HOPE CREEK GENERATING STATION  
 ARTIFICIAL ISLAND  
 FOOT OF BUTTONWOOD RD  
 LOWER ALLOWAYS CREEK, NJ 08038

**REPORT RECIPIENT:**

PSE&G  
 TRAVIS ZIGO  
 PO BOX 236 / H15  
 HANCOCKS BRIDGE, NJ 08038

**REGION / COUNTY: Southern / Salem County**

**CHECK IF APPLICABLE:**     No Discharge this Monitoring Period     Monitoring Report Comments Attached

**WHO MUST SIGN** The highest ranking official having day-to-day managerial and operational responsibilities for the discharging facility shall sign the certification or, in his absence a person designated by that person. For a local agency, the highest ranking operator of the treatment works shall sign the certification. Where the highest ranking operator does not have the ability to authorize capital expenditures and hire personnel, a person having that responsibility or person designated by that person shall also sign the second certification at the bottom of this page. If the local agency has contracted with another entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification.

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 that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of and/or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The New Jersey water Pollution Control Act provides for penalties up to \$50,000 per violation.

Paul J. Davison, Site Vice President- Hope Creek	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	11/25/13                      856-339-1555
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE                      AREA CODE/PHONE NUMBER

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I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attached discharge monitoring reports.

N/A	N/A	N/A	N/A
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER

# Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 461C DSN 461C - DSW interna MONITORING PERIOD: 10/1/2013 TO 10/31/2013 FACILITY NAME: HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE			
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	0.014	0.060	MGD	*****	*****	*****	*****	ϕ	Continuous	Meter			
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****					*****	Continuous	METER
	QL	*****	*****		*****	*****	*****					*****		
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	2	MG/L	ϕ	1/Month	Compos			
	PERMIT REQUIREMENT	*****	*****		*****	30 01MOAV	100 01DAMX					*****	1/Month	COMPOS
	QL	*****	*****		*****	*****	*****					*****		
Petrol Hydrocarbons, Total Recoverable 45501 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	1	1	MG/L	ϕ	2/month	Grab			
	PERMIT REQUIREMENT	*****	*****		*****	10 01MOAV	15 01DAMX					*****	2/Month	GRAB
	QL	*****	*****		*****	*****	*****					*****		
Carbon, Tot Organic (TOC) 00680 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	9	9	MG/L	ϕ	1/Month	Compos			
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	50 01DAMX					*****	1/Month	COMPOS
	QL	*****	*****		*****	*****	*****					*****		
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PA010							
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		*****	REPORT Lab #	REPORT Lab #					REPORT Lab #	Not Applic	NOT AP
	QL	*****	*****		*****	*****	*****					*****		

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

New Jersey Department of Environmental Protection  
 Division of Water Quality  
**Surface Water Discharge Monitoring Report Submittal Form**

PI 46815

NJPDES PERMIT	MONITORING PERIOD						MONITORED LOCATION:	
<b>NJ0025411</b>	Month	Day	Year	To	Month	Day	Year	<b>462B - DSN 462B - DSW Internal</b>
	10	1	2013		10	31	2013	

**PERMITTEE:**  
 PSE&G NUCLEAR LLC  
 PO BOX 236 – ALLOWAY CREEK NECK RD  
 HANCOCKS BRIDGE, NJ 08038

**LOCATION OF ACTIVITY:**  
 HOPE CREEK GENERATING STATION  
 ARTIFICIAL ISLAND  
 FOOT OF BUTTONWOOD RD  
 LOWER ALLOWAYS CREEK, NJ 08038

**REPORT RECIPIENT:**  
 PSE&G  
 TRAVIS ZIGO  
 PO BOX 236 / H15  
 HANCOCKS BRIDGE, NJ 08038

**REGION / COUNTY: Southern / Salem County**

**CHECK IF APPLICABLE:**     No Discharge this Monitoring Period     Monitoring Report Comments Attached

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Paul J. Davison, Site Vice President- Hope Creek	N/A
NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	GRADE AND REGISTRY NUMBER (IF APPLICABLE)
	11/25/13                      856-339-1555
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR	DATE                      AREA CODE/PHONE NUMBER

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I certify under penalty of law and in accordance with N.J.S.A. 58:10A-6F(5) that I have reviewed the attached discharge monitoring reports.

N/A	N/A	N/A	N/A
NAME AND TITLE	SIGNATURE	DATE	AREA CODE/PHONE NUMBER

# Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 462B DSN 462B - DSW Intern MONITORING PERIOD: 10/1/2013 TO 10/31/2013 FACILITY NAME: HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE	
Flow, In Conduit or Thru Treatment Plant 50050 1 Effluent Gross Value	SAMPLE MEASUREMENT	0.030	0.046	MGD	*****	*****	*****	*****	φ	Continuous	Meter	
	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX		*****	*****	*****					
	QL	*****	*****		*****	*****	*****					
BOD, 5-Day (20 oC) 00310 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****	*****	*****	316	316	MG/L	φ	1/Month	Compos	
	PERMIT REQUIREMENT	*****	*****		*****	REPORT 01MOAV	REPORT 01DAMX					
	QL	*****	*****		*****	*****	*****					
BOD, 5-Day (20 oC) 00310 1 Effluent Gross Value	SAMPLE MEASUREMENT	2	2	KG/DAY	*****	16	16	MG/L	φ	1/Month	Compos	
	PERMIT REQUIREMENT	8 01MOAV	REPORT 01WKAV		*****	30 01MOAV	45 01WKAV					
	QL	*****	*****		*****	*****	*****					
BOD, 5-Day (20 oC) 00310 K Percent Removal	SAMPLE MEASUREMENT	*****	*****	*****	95.0	*****	*****	PERCENT	φ	1/Month	Calctd	
	PERMIT REQUIREMENT	*****	*****		*****	87.5 01MOAVMN	*****					
	QL	*****	*****		*****	*****	*****					
Solids, Total Suspended 00530 G Raw Sew/influent	SAMPLE MEASUREMENT	*****	*****	*****	*****	415	415	MG/L	φ	1/Month	Compos	
	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT 01MOAV					REPORT 01DAMX
	QL	*****	*****		*****	*****	*****					
Solids, Total Suspended 00530 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****	*****	*****	9	9	MG/L	φ	1/Month	Compos	
	PERMIT REQUIREMENT	*****	*****		*****	*****	30 01MOAV					45 01WKAV
	QL	*****	*****		*****	*****	*****					

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.

# Surface Water Discharge Monitoring Report

PI 46815

PERMIT NUMBER: NJ0025411 MONITORED LOCATION: 462B DSN 462B - DSW Intern MONITORING PERIOD: 10/1/2013 TO 10/31/2013 FACILITY NAME: HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY OR LOADING		UNITS	QUALITY OR CONCENTRATION			UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended 00530 K Percent Removal	SAMPLE MEASUREMENT	*****	*****		98	98	*****		0	1/Month	Calcd
	PERMIT REQUIREMENT	*****	*****	*****	85 01MOVMN	REPORT 01MOAV	*****	PERCENT		1/Month	CALCTD
	QL	*****	*****		*****	*****	*****				
Oil and Grease 00556 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	<5	<5		0	1/Month	Grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	10 01MOAV	15 01DAMX	MG/L		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Nitrogen, Ammonia Total (as N) 00610 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	4	4		0	1/Month	Compos
	PERMIT REQUIREMENT	*****	*****	*****	*****	35 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
	QL	*****	*****		*****	*****	*****				
Enterococci 61211 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	<10	<10		0	1/Month	Grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT 01MOGE	REPORT 01WKGE	#/100ML		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Coliform, Fecal General 74055 1 Effluent Gross Value	SAMPLE MEASUREMENT	*****	*****		*****	<10	<10		0	1/Month	Grab
	PERMIT REQUIREMENT	*****	*****	*****	*****	200 01MOGE	400 01WKGE	#/100ML		1/Month	GRAB
	QL	*****	*****		*****	*****	*****				
Lab Certification # 99999 99 Lab	SAMPLE MEASUREMENT	17451	PA166		06005	03036	PA010				
	PERMIT REQUIREMENT	REPORT Lab #	REPORT Lab #		REPORT Lab #	REPORT Lab #	REPORT Lab #			Not Applic	NOT/AP
	QL	*****	*****		*****	*****	*****				

Comments: If there are any questions regarding the monitoring report form, please contact Heather Genievich of the Bureau of Surface Water Permitting at (609) 292-4860.