OCT 23 2014



HCH-2014-044

CERTIFIED MAIL
RETURN RECEIPT REQUESTED
ARTICLE NUMBER: 7013 1710 0000 6324 5035

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 September 2014, also attached is the Consolidated Waste Characterization Report for DSN 461A, sampled in August 2014.

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 Travis Zigo at (856) 339-2493.

Sincerely

Eric Carr

Site Vice President (acting) – Hope Creek

I E 25 MER

Attachments

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

3

EXPLANATION OF CONDITIONS

September 2014

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.

DSN 461C was sampled on days other than normal due to plant maintenance that was conducted to correct leaks contributing low levels of tritiated water to the system. For DSN 461A, Total Residual Chlorine and pH sampling dates were moved one day forward to a normal sampling day during the first week of the month.

EXPLANATION OF EXCEEDANCES

September 2014

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, Eric Carr, of full age, being duly sworn according to law, upon my oath depose and say:
- 1. I am the Site Vice President (acting)-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.

Eric Carr

Site Vice President – Hope Creek (acting)

Sworn and subscribed before me this 237 day of October, 2014.

JENNIFER M. TURNER
ID # 2332657
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

*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 responsible 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	NJPDES PERMIT	NJPDES PERMIT MONITORING PERIOD MONITORED LOCATION:								
PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CREEK NECK RD HANCOCKS BRIDGE, NJ 08038 REGION / COUNTY: Southern / Salem County 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 operation 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 wanother entity to operate the treatment works, the highest-tranking 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. Eric Carr, Site Vice President (acting) — Hope Creek NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR GRADE AND REGISTRY NUMBER (IF APPLICABLE) SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR ARE CODEPIDON NUMB *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 responsible person de	NJ0025411			То				461A	- DSN 461	A – DSW
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 wanother entity to operate the treatment works, the highest-ranking official of the contracted entity shall sign the certification. It 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. Eric Carr, Site Vice President (acting) – Hope Creek NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR AREA CODE/PHONE NUMB *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 person designated by that person shall sign the following certification: It 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 rep	PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CRI		HOPE CI ARTIFIC FOOT OI	REEK (CIAL IS F BUT	GENERA' SLAND TONWOO	TING ST OD RD	ATION		PSE&G TRAVIS ZIGO PO BOX 236 / H1	5
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NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR Cold SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR DATE AREA CODE/PHONE NUMB *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 responsible 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	the certification. Where the hig responsibility or person designs another entity to operate the tre I certify under penalty of law that, based on my inquiry of the complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The	ghest ranking opera- nted by that person atment works, the nat I have personal ose individuals im- re are significant p New Jersey water	ator does not shall also shall also shall also shighest-randly examined mediately rependities for Pollution C	t have ign the king of and a esponsi submi	the ability e second c fficial of t am familia sible for ob itting false I Act provi	to authoritication to the contraction of the contra	orize capit on at the bacted entit e informat the information, incli	al expended at least of the second of the se	litures and hire po this page. If the gn the certificatio litted in this docu elieve that the inf possibility of an	ersonnel, a person having that local agency has contracted with n. ment and all attachments, and formation is true, accurate and d/or imprisonment, pursuant
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER, AUTHORIZED AGENT, OR *LICENSED OPERATOR DATE AREA CODE/PHONE NUMB *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 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										
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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	SIGNATURE OF PRINCIPAL EXEC	UTIVE OFFICER, AU	THORIZED A	AGENT	, OR *LICE	ENSED OF	PERATOR		DATE	AREA CODE/PHONE NUMBER
	person designated by that person	shall sign the follow	ing certificati	ion:	·				·	
				(-					.	
TABLE AND LITTLE STUDYLORE STUDYLOR	NAME AND TITLE		SIGNATU	RE	13//			-	DATE	AREA CODE/PHONE NUMBER

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

9/1/2014 TO 9/30/2014

HOPE CREEK GENERATING STATION

PARAMETER	X	QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	60.711	75.973		****	****	***		Ø	Continuous	Meter
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	******	******	******	*****		Continuous	METER
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	69.656	77.876		*****	*****	*****		Ø	Continuous	Meter
50050 7 Intake From Stream	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	, and and	P ******	******	****		Continuous	METER
	QL	***	*******		*****	*****	*****			1000	
pH	SAMPLE MEASUREMENT	******	*****		7.6	****	8.6		Ø	Yweek	Grab
00400 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	6.0 01DAMN	****	9.0 01DAMX	SU		1/Week	GRAB
	QL *	*****	*****		*****	****	******				200
LC50 Statre 96hr Acu Mysid Bahia	SAMPLE MEASUREMENT	****	*****		Code=N	****	****		ϕ	Code=N	Code=N
TAN3E 1 Effluent Gross Value	PERMIT REQUIREMENT	****	******	*****	REPORT (***) 01RPMN	******	****	%EFFL		1/Year	COMPOS
	© QL Ø	*****	*****		*****	***************************************	*****				
IC25 Statre 7day Chr Mysid Bahia	SAMPLE MEASUREMENT	****	*****		Code = N.	*****	*****		Ø	Code=N	Code=N
TBP3E 1 Effluent Gross Value	PERMIT. REQUIREMENT	ASSESSE	*****	****	REPORT 01RPMN	******	*****	%EFFL		. ₃1/Year ≱≒	COMPOS
	,∜QL∜∞	**************************************	******		**************************************	*****	*****				100
Chlorine Produced Oxidants	SAMPLE MEASUREMENT	****	*****		*****	40.1	40.1		Ø	3/weeK	GRab
*CPOX 1 Effluent Gross Value	PERMIT REQUIREMENT	ANNAN	*****	*****	*****	0.2 01MOAV	0.5 01DAMX	MG/L		3/Week	GRAB
	RQL	****	*****		*****	0.1	0.1				

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

9/1/2014 TO 9/30/2014

HOPE CREEK GENERATING STATION

									_		
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Temperature,	SAMPLE MEASUREMENT	***	****		****	29.6	34.1		ø	Continuous	Meter
00010 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****	RATERIA	REPORT 01MOAV	36.2 01DAMX	DEG.C		Continuous	METER
	ÇQL ∕≪ ≀	*****	******		******	*****	******		200 mg 200 mg		
Temperature, oC	SAMPLE MEASUREMENT	****	. *****		****	26.4	29.5		Ø	Continuous	meter
00010 7 Intake From Stream	PERMIT. REQUIREMENT	*****	*****	****	*****	REPORT 01MOAV	REPORT 01DAMX	DEG.C		Continuous	METER
	۾ ڪا ي	*****	*****		*****	*****	*****		504		
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	***	****		*****	4.0	4.0		Ø	Ymonth	GRab
00680 1 Effluent Gross Value	PERMIT REQUIREMENT	ANNANE	*****	*****	annina A	REPORT 01MOAV	REPORT 01DAMX	MG/L		- 1/Month	GRAB
	QL	*****	****		*****	*****	*****				and the second
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	***	****		****	0.69	0.69		Ø	Ynowth	Caleta
00680 2 Effluent Net Value	PERMIT REQUIREMENT	******	******	****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	CALCTD
	ĈQL ∞	*****	*****		*****	*****	*****		Allega, Al		
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	****	****		****	3.0	3.0		Ø	Ymonth	GRab
00680 7 Intake From Stream	PERMIT REQUIREMENT	*****	******	*****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	GRAB
	QL	*****	*****		*****	****** (E)	*****				
Sulfate, Total (as SO4)	SAMPLE MEASUREMENT	****	*****		****	Code= N	code=N		ø	Code=N	Code=N
00945 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMP24
	QL'	*****	*****		********	*****	*****				

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

9/1/2014 TO 9/30/2014

HOPE CREEK GENERATING STATION

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PARAMETER	X	QUANTITY	OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Boron, Total (as B)	SAMPLE MEASUREMENT	****	****		*****	Code=N	Code=N		Ø	Code =N	Code=N
01022 1 Effluent Gross Value	PERMIT REQUIREMENT	******	*****	*****	anaria.	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
Heat (winter)	SAMPLE MEASUREMENT	118	238		*****	· · · · · · · · · · · · · · · · · · ·	*****		ø	1/Say	Calcte
(per Hr.) 81387 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	662 01DAMX	MBTU/HR	*****	******	******	*****		1/Day	CALCTD
	₹ QL ₹	*****	Annana 		*****		******				
Copper, Total Recoverable	SAMPLE MEASUREMENT	*****	****		*****	Code=N	Code=N		ϕ	Code-N	Code=N
01119 1 Effluent Gross Value	PERMIT	****	*****	*****	*****	REPORT 01MOAV	REPORT 01DAMX	UG/L		1/6 Months	COMPOS
Lab Certification #	RQL SAMPLE MEASUREMENT	PA166	03036		12129	NC013	2				
99999 99	« PERMIT	REPORT	REPORT		REPORT Lab#	REPORT**	REPORT			Not Applic	NOT AP
Lab	QL	*****	******		*****	Lab#	*****				

New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

	N	MONITORED LOCATION:					
NJ0025411	Month Day 9 1	Year 2014 To	Month Day 9 30	Year 2014	461C - DSN 461	C - DSW internal	
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CRI HANCOCKS BRIDGE, NJ 0803		HOPE CREEK G ARTIFICIAL ISL FOOT OF BUTT		ATION	REPORT REC PSE&G TRAVIS ZIGO PO BOX 236 / H1 HANCOCKS BRI	5	
	REGIC	ON / COUNTY: Sou	ithern / Salem Co	unty			
CHECK IF APPLICABLE:	No Dischar	rge this Monitoring	; Period 🔲 N	lonitoring	Report Comments Attac	ned	
another entity to operate the tre-	atment works, the					ocal agency has contracted with 1.	
that, based on my inquiry of the complete. I am aware that then	ose individuals imr e are significant p	nediately responsib enalties for submitt	le for obtaining tl ing false informa	ne informa tion, inclu	tion, I believe that the info ding the possibility of and		
that, based on my inquiry of the complete. I am aware that ther to N.J.A.C. 7:14A-6.9(B). The	ose individuals imr re are significant po New Jersey water	nediately responsib enalties for submitt	le for obtaining the formant of the false informant of the formant of the false of the f	ne informa tion, inclu	tion, I believe that the info ding the possibility of and	ormation is true, accurate and	
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that, based on my inquiry of the complete. I am aware that their to N.J.A.C. 7:14A-6.9(B). The Eric Carr, Si NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXEC	bee individuals import and significant portion of the vice President EXECUTIVE OFFICE UTIVE OFFICE, AUthest-ranking operators shall sign the following	nediately responsible enalties for submitted Pollution Control A (acting) — Hope Crest, AUTHORIZED AGENT, Cordoes not have the aung certification:	le for obtaining the ing false information false information for posterior for posterior for the information for the informati	ne information, includenalties up ED OPERATO ERATOR apital expen	tion, I believe that the info ding the possibility of and to \$50,000 per violation. OR GRADE AND REC 20/23/14 DATE Inditures and hire personnel.	N/A SISTRY NUMBER (IF APPLICABLE) 856-339-1620 AREA CODE/PHONE NUMBER a person having that responsibility or	
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MONITORED LOCATION: .

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461C DSN 461C - DSW interna

9/1/2014 TO 9/30/2014

HOPE CREEK GENERATING STATION

PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.027	0.073		****	****	****		$ \phi $	Continuous	Meter
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	*****	******	*****		Continuous	METER
	QL	*****	****		*****	AND REPORT OF THE PERSON NAMED IN COLUMN TO	38100 Statement - 1000		* 3 *fc		
Solids, Total Suspended	SAMPLE MEASUREMENT	卡卡卡	****		****	6	6		ϕ	Ymonth	Compas
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	*****	*****		30 01MOAV	100 01DAMX	MG/L		∕ 1/Month ∕	COMPOS
	QL	****	****		*****	***	AAAAA SEE				
Petrol Hydrocarbons, Total Recoverable	SAMPLE MEASUREMENT	****	****		*****	42	12		ø	2/north	GRab
45501 1 Effluent Gross Value	PERMIT ** REQUIREMENT	****	i de entre	*****	******	10 01MOAV	15 01DAMX	MG/L		2/Month	GRAB
	QL	*****	*****		****	*****	*****	<u> </u>		of the second	
Carbon, Tot Organic (TOC)	SAMPLE MEASUREMENT	****	****		****	5	5		Ø	Ynowth	Compos
00680 1 Effluent Gross Value	PERMIT. REQUIREMENT	*****	******	****	******	REPORT 01MOAV	50 01DAMX	MG/L		1/Month	COMPOS
	QL	*****	****		*****	*****	*****				
Lab Certification #	SAMPLE MEASUREMENT	PA 166	03036		PA010						
99999 99 Lab	PERMIT PEQUIREMENT	REPORT Lab#	REPORT Lab#		REPORT.	REPORT	REPORT Lab #			Not Applic	NOT AP
Lub	QL	*****	***		*****	*****	*****				

MONITORED LOCATION:

New Jersey Department of Environmental Protection Division of Water Quality

Surface Water Discharge Monitoring Report Submittal Form

MONITORING PERIOD

NJPDES PERMIT

NJ0025411	Month Day 9 1	Year 2014	То	Month 9	Day 30	Year 2014	462B - DSN 462F	3 - DSW Internal
PERMITTEE: PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CRI HANCOCKS BRIDGE, NJ 0803		HOPE CI ARTIFIC FOOT OI	REEK C TAL IS F BUTT	OF ACT GENERAT LAND FONWOO WAYS CR	TNG ST D RD	ATION	REPORT REC PSE&G TRAVIS ZIGO PO BOX 236 / H15 HANCOCKS BRID	
	REGIO	ON / COUN	TY: So	uthern / S	alem Co	unty		
CHECK IF APPLICABLE	No Discha	rge this Mo	nitorin	g Period	. N	Aonitoring (Report Comments Attach	ed
responsibility or person designation another entity to operate the treat I certify under penalty of law that, based on my inquiry of the complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The	ted by that person atment works, the at I have personal ose individuals imperate are significant properties.	shall also si highest-rank ly examined mediately re senalties for Pollution C	ign the cing off and aresponsibused submit ontrol	second ce ficial of the m familiar ble for obt tting false Act provid	ertification e contraction with the taining the information of the taining the information of the tain information of the tain formation of the tain information of the tain formation of the tain for	on at the bected entity informatine information, inclu	ottom of this page. If the loshall sign the certification. on submitted in this documention, I believe that the informity of and/	neent and all attachments, and rmation is true, accurate and or imprisonment, pursuant
responsibility or person designanother entity to operate the tre I certify under penalty of law the that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The	ted by that person atment works, the at I have personal use individuals implemented are significant properties. We water the Vice President	shall also singlest-rank by examined mediately rependities for Pollution Cacting) - F	ign the cing off and are sponsil submit ontrol A	second ce ficial of the m familiar ble for obt tting false Act provid	ertification of contra- with the taining the information policy	on at the bocted entity informatine information, incluenalties up	ottom of this page. If the loshall sign the certification. on submitted in this documention, I believe that the informing the possibility of and/to \$50,000 per violation.	neet and all attachments, and remation is true, accurate and or imprisonment, pursuant
responsibility or person designanother entity to operate the tre I certify under penalty of law the that, based on my inquiry of the complete. I am aware that the to N.J.A.C. 7:14A-6.9(B). The	ted by that person atment works, the at I have personal use individuals implemented are significant properties. We water the Vice President	shall also singlest-rank by examined mediately rependities for Pollution Cacting) - F	ign the cing off and are sponsil submit ontrol A	second ce ficial of the m familiar ble for obt tting false Act provid	ertification of contra- with the taining the information policy	on at the bocted entity informatine information, incluenalties up	ottom of this page. If the loshall sign the certification. on submitted in this documention, I believe that the informing the possibility of and/to \$50,000 per violation.	ceal agency has contracted with sent and all attachments, and rmation is true, accurate and for imprisonment, pursuant N/A STRY NUMBER (IF APPLICABLE)
responsibility or person designanother entity to operate the tre I certify under penalty of law the that, based on my inquiry of the complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The Eric Carr, Si NAME AND TITLE OF PRINCIPAL	ted by that person atment works, the at I have personal ose individuals imperented are significant properties. The vice President EXECUTIVE OFFICE	shall also singlest-rank by examined mediately repending for Pollution Control (acting) - Fer, AUTHORIC	ign the king off and are sponsil submit ontrol Adope C	second ce ficial of the m familiar ble for obtaining false Act providence Creek GENT, OR *	ertification e contraction with the taining the information per	on at the bocted entity informatine information, incluenalties up	ottom of this page. If the loshall sign the certification on submitted in this documention, I believe that the information of the possibility of and to \$50,000 per violation. OR GRADE AND REGIONAL STATES OF THE PROPERTY O	need agency has contracted with the sent and all attachments, and remation is true, accurate and for imprisonment, pursuant
NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECT *For a local agency where the hig person designated by that person	ted by that person atment works, the at I have personal ose individuals implemented at I have personal ose individuals implemented by Jersey water the Vice President EXECUTIVE OFFICER, AUTIVE OFFICER, AUTICAL STANDARD OF THE OFFICER OFFICER, AUTIVE OFFIC	shall also single shall also single standard shall also single sha	ign the king of land are esponsible submit ontrol Adopted AGENT, are the control.	second ce ficial of the m familiar ble for obtaining false Act provide Creek GENT, OR *	with the taining the informatiles for posterior operations.	on at the bocted entity information incluenalties up ED OPERAT ERATOR apital expe	on submitted in this documention, I believe that the information, I believe that the information, I believe that the information of the possibility of and to \$50,000 per violation. OR GRADE AND REGILD OF THE DATE	nent and all attachments, and rmation is true, accurate and dor imprisonment, pursuant N/A STRY NUMBER (IF APPLICABLE) 856-339-1620 AREA CODE/PHONE NUMBER person having that responsibility of
responsibility or person designa another entity to operate the tre I certify under penalty of law the that, based on my inquiry of the complete. I am aware that there to N.J.A.C. 7:14A-6.9(B). The Eric Carr, Si NAME AND TITLE OF PRINCIPAL SIGNATURE OF PRINCIPAL EXECT *For a local agency where the higher the second and the second agency where the light another the second and the second agency where the light another the second agency where the second agency where the second agency where the second agency where the light another the second agency where the light another the second agency where the light another the second agency where th	ted by that person atment works, the at I have personal ose individuals implemented at I have personal ose individuals implemented by Jersey water the Vice President EXECUTIVE OFFICER, AUTIVE OFFICER, AUTICAL STANDARD OF THE OFFICER OFFICER, AUTIVE OFFIC	shall also single shall also single standard shall also single sha	ign the king of land are esponsible submit ontrol Adopted AGENT, are the control.	second ce ficial of the m familiar ble for obtaining false Act provide Creek GENT, OR *	with the taining the informatiles for posterior operations.	on at the bocted entity information incluenalties up ED OPERAT ERATOR apital expe	on submitted in this documention, I believe that the information, I believe that the information, I believe that the information of the possibility of and to \$50,000 per violation. OR GRADE AND REGILD OF THE DATE	nent and all attachments, and rmation is true, accurate and dor imprisonment, pursuant N/A STRY NUMBER (IF APPLICABLE) 856-339-1620 AREA CODE/PHONE NUMBER person having that responsibility of

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B DSN 462B - DSW Interna

9/1/2014 TO 9/30/2014

HOPE CREEK GENERATING STATION

		,									
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTR	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Flow, In Conduit or Thru Treatment Plant	SAMPLE MEASUREMENT	0.025	0.057		****	****	****		ø	Continuous	Meter
50050 1 Effluent Gross Value	PERMIT REQUIREMENT	REPORT 01MOAV	REPORT 01DAMX	MGD	****	******	*****	****		Continuous	METER
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	*****	*****		****	446	446		ø	Ymonth	Compas
00310 G Raw Sew/influent	PERMIT REQUIREMENT		******	****	*****	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT				*****	8	8	 	Ø	Ymowth	Compos
00310 1 Effluent Gross Value	PERMIT REQUIREMENT	8 01MOAV	REPORT 01WKAV	KG/DAY	****	30 01MOAV	45 01WKAV	MG/L		1/Month	COMPOS
	*** QL*****	************	***********		******	# # ******	*******				
BOD, 5-Day (20 oC)	SAMPLE MEASUREMENT	*****	*****	-	98.2	*****	*****		Ø	1/mouth	Calctd
00310 K Percent Removal	PERMIT REQUIREMENT	*****	******	*****	87.5 01MOAVMN	areases.	*****	PERCENT		1/Month	CALCTD
Solids, Total Suspended	SAMPLE MEASUREMENT	****	*****		*****	267	267		Ø	1/Mouth	Compos
00530 G Raw Sew/influent	PERMIT REQUIREMENT	*****	******	*****	######	REPORT 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
Solids, Total Suspended	SAMPLE MEASUREMENT	*****	*****		******	9	9		ø	Ymonth	Compos
00530 1 Effluent Gross Value	PERMIT REQUIREMENT	*****	******	*****	nakana nakana	30 01MOAV	45 01WKAV	MG/L		1/Month	COMPOS

MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

462B DSN 462B - DSW Interna

9/1/2014 TO 9/30/2014

HOPE CREEK GENERATING STATION

	-1020	DOIL TOLD D	or michile o	172014 1	O SISSIES IT.	MOI L ONLL	IN OLIVLIANIN	0 0	•••		
PARAMETER		QUANTITY (OR LOADING	UNITS	QUALI	TY OR CONCENTE	RATION	UNITS	NO. EX.	FREQ. OF ANALYSIS	SAMPLE TYPE
Solids, Total Suspended	SAMPLE MEASUREMENT	****	****		97	97	*****		ø	Ymonth	Calete
00530 K Percent Removal	PERMIT REQUIREMENT	海南州南南南	*****	*****	85 01MOAVMN	REPORT 01 MOAV	****	PERCENT		1/Month	CALCTD
Oil and Grease	SAMPLE	*****	*****		*****	<u> </u>	*******		 	1/ 1/	0.1
00556 1 Effluent Gross Value	MEASUREMENT PERMIT REQUIREMENT	*****	**************************************	*****	*****	イス 10 01MOAV	イス 15 01DAMX	MG/L	P	1/Month	GRab GRAB
Lindesit Gross value	QL	*****	*****		*****	*****	****				
Nitrogen, Ammonia Total (as N)	SAMPLE MEASUREMENT	*****	****		****	3	3		Ø	Ymonth	Compos
00610 1 Effluent Gross Value	PERMIT REQUIREMENT	ANNAMA MANAMA	****	****	*****	35 01MOAV	REPORT 01DAMX	MG/L		1/Month	COMPOS
Enterococci	SAMPLE MEASUREMENT	*****	*****		*****	410	410		Ø	Ymowth	GRab
61211 1 Effluent Gross Value	PERMÎT REQUIREMENT	****	*****	****	*****	REPORT 01MOGE	REPORT 01WKGE	#/100ML	<i>r</i>	1/Month	GRAB
Coliform, Fecal General	SAMPLE MEASUREMENT	****	****		****	4 10	<10		Ø	Ymonth	GRab
74055 1 Effluent Gross Value	PERMIT. REQUIREMENT	****	*****	*****	*****	200 01MOGE	400 01WKGE	#/100ML		1/Month	GRAB
Lab Certification #	QL SAMPLE MEASUREMENT	PA 166	06005		AAAAAA	****	*****				
99999 99 Lab	PERMIT REQUIREMENT	REPORT	REPORT		REPORT	REPORT	REPORT Lab#			Not Applic	NOT AP
	QL	****	*****		% *****	*****	*****				

New Jersey Department of Environmental Protection Division of Water Quality

Consolidated Waste Characterization Report Submittal Form

NJPDES PERMIT		M	IONIT	ORIN		MONITORED LOCATION:		
NJ0025411	Month	Day	Year		Month	Day	Year	461A - DSN 461A - DSW
1100020111	7	1	2014	То	6	30	2015	40111 BS1V 40111 BS VV

PERMITTEE:

DATE

PSE&G NUCLEAR LLC PO BOX 236 – ALLOWAY CREEK NE 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 C	County
CHECK IF APPLICABLE: No Discharge this Monitorin	g Period Monitoring Report Comments Attached
have the ability to authorize capital expenditures and hire per- by that person shall also sign the second certification at the bo	the certification. Where the highest ranking operator does not sonnel, a person having that responsibility or person designated
submitting false information, including the possibility of and New Jersey water Pollution Control Act provides for penaltie	of those individuals immediately responsible for obtaining the d complete. I am aware that there are significant penalties for /or imprisonment, pursuant to N.J.A.C. 7:14A-6.9(B). The s up to \$50,000 per violation.
Eric Carr, Site Vice President (acting) – Hope Creek NAME AND TITLE OF PRINCIPAL EXECUTIVE OFFICER, OR	N/A GRADE AND REGISTRY NUMBER (IF APPLICABLE)
AUTHORIZED AGENT	(0/23/14 856-339-1620
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	DATE(MÖNTH/DAY AREA CODE/TELEPHONE NUMBER /YEAR)
*For a local agency where the highest-ranking operator does not had a person having that responsibility or person designated by that person designated by that person designated by that person designated by the person desi	
I certify under penalty of law and in accordance with N.J.S.A. 58:10 monitoring reports.	A-6F(5) that I have reviewed the attached discharge
N/A	N/A .
NAME AND TITLE	SIGNATURE

AREA CODE/PHONE NUMBER

PI 46815

PERMIT NUMBER: MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

7/1/2014 TO 6/30/2015

HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Barium, Total (as Ba) 01007 Effluent Gross Value	RQL = 20	43.2	UG/L		COMP24
Manganese, Total (as Mn) 01055 Effluent Gross Value		181	UG/L		COMP24
Cyanide, Total (as CN)			UG/L		GRAB
00720 Effluent Gross Value Arsenic, Total (as As)	RQL = 40	5.9			
01002 Effluent Gross Value	RQL = 8	10	UG/L		COMP24
Beryllium, Total (as Be) 01012 Effluent Gross Value	RQL = 20	(0.17	UG/L		COMP24
Cadmium, Total (as Cd) 01027 Effluent Gross Value	RQL = 4	40.30	UG/L		COMP24
Chromium, Total (as Cr) 01034 Effluent Gross Value	RQL = 10	6.4	UG/L	,	COMP24
Thallium, Total (as TI) 01059 Effluent Gross Value	RQL = 10	< 8.3	UG/L	· · · · · · · · · · · · · · · · · · ·	COMP24
Nickel, Total (as Ni) 01067 Effluent Gross Value	RQL = 10	45.8	UG/L		COMP24
Silver, Total (as Ag) 01077 Effluent Gross Value	RQL = 2	40.91	UG/L		COMP24
Zinc, Total Recoverable 01094 Effluent Gross Value	RQL = 10	36.1	UG/L		COMP24
Antimony, Total (as Sb) 01097 Effluent Gross Value	RQL = 20	۷ 3.8	UG/L		COMP24
Lead, Total Recoverable 01114 Effluent Gross Value	RQL = 1	3.9	UG/L		COMP24
Selenium, Total (as Se) 01147 Effluent Gross Value	RQL = 10	< 4.7	UG/L		COMP24
Chromium, Hexavalent Dissolved (as Cr) 01220 Effluent Gross Value		42.4	UG/L		COMP24
Mercury, Total (as Hg) 71900 Effluent Gross Value	RQL = 1	< 0.064	UG/L		COMP24
Acenaphthylene 34200 Effluent Gross Value	RQL = 10	< 0.4Z	UG/L		COMP24
Acenaphthene 34205 Effluent Gross Value	RQL = 9.5	<0.39	UG/L		COMP24
Anthracene 34220 Effluent Gross Value	RQL = 10	40.44	UG/L		COMP24
Benzo(b)fluoranthene (3,4-benzo) 34230 Effluent Gross Value	1.46	<0.65	UG/L		COMP24
Benzo(k)fluoranthene	RQL = 20	4 0.46	UG/L		COMP24
34242 Effluent Gross Value Benzo(a)pyrene		40,40	UG/L		COMP24
34247 Effluent Gross Value Bis(2-chloroethyl) ether	RQL = 20		UG/L	<u> </u>	COMP24
34273 Effluent Gross Value	RQL = 10	<0.58	UG/L		COMP24

PI 46815

PERMIT NUMBER: MONITORED LOCATION:

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FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

7/1/2014 TO 6/30/2015

HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Bis(2-chloroethoxy) methane 34278 Effluent Gross Value	RQL = 26.5	20.72	UG/L		COMP24
Bis (2-chloroiso- propyl) ether 34283 Effluent Gross Value	RQL = 10	40.81	UG/L		COMP24
Butyl benzyl phthalate 34292 Effluent Gross Value	RQL = 20	40.65	UG/L		COMP24
Chrysene 34320 Effluent Gross Value	RQL = 20	40.27	UG/L		COMP24
Diethyl phthalate 34336 Effluent Gross Value	RQL = 10	20.43	UG/L		COMP24
Dimethyl phthalate 34341 Effluent Gross Value	RQL = 10	۷٥.36	UG/L		COMP24
1,2-Diphenyl- hydrazine 34346 Effluent Gross Value		40.50	UG/L		COMP24
Fluoranthene 34376 Effluent Gross Value	RQL = 10	<0.27	UG/L		COMP24
Fluorene 34381 Effluent Gross Value	RQL = 10	40.49	UG/L		COMP24
Hexachlorocyclo- pentadiene 34386 Effluent Gross Value	RQL = 10	10.45	UG/L		COMP24
Hexachloroethane 34396 Effluent Gross Value	RQL = 10	40.31	UG/L		COMP24
Indeno(1,2,3-cd)- pyrene 34403 Effluent Gross Value	RQL = 20	۷٥،33	UG/L		COMP24
Isophorone 34408 Effluent Gross Value	RQL = 10	40.65	UG/L		COMP24
N-nitrosodi-n- propylamine 34428 Effluent Gross Value	RQL = 20	20,5	UG/L		COMP24
N-nitrosodiphenyl- amine 34433 Effluent Gross Value	RQL = 20	40:57	UG/L		COMP24
N-nitrosodimethyl- amine 34438 Effluent Gross Value	RQL = 20	40,5U	UG/L		COMP24
Nitrobenzene 34447 Effiuent Gross Value	RQL = 10	40.46	UG/L		COMP24
Phenanthrene 34461 Effluent Gross Value	RQL = 10	<0.40	UG/L		COMP24
Pyrene 34469 Effluent Gross Value	RQL = 20	(0.37	UG/L		COMP24
Benzo(ghi)perylene 34521 Effluent Gross Value	RQL = 20	40.46	UG/L		COMP24
Benzo(a)anthracene 34526 Effluent Gross Value	RQL = 10	40.39	UG/L		COMP24
1,2-Dichlorobenzene 34536 Effluent Gross Value	RQL = 9	40.23	UG/L		COMP24
1,2,4-Trichloro- benzene 34551 Effluent Gross Value	RQL = 10	40.37	UG/L		COMP24

PI 46815

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461A DSN 461A - DSW

7/1/2014 TO 6/30/2015

HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT:

8 19 14

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK- CODE	SAMPLE TYPE
Dibenzo(a,h) anthracene	DOI = 20	40.60	UG/L		COMP24
34556 Effluent Gross Value	RQL = 20	70.60	 	<u> </u>	1
1,3-Dichlorobenzene 34566 Effluent Gross Value	RQL = 9	10.17	UG/L		COMP24
1,4-Dichlorobenzene			1 1107		COMP24
34571 Effluent Gross Value	RQL = 20	40.20	UG/L		CONIP 24
2-Chloronaphthalene			UG/L		COMP24
34581 Effluent Gross Value	RQL = 9.5	< 1·1			OOM1 24
Di-n-octyl Phthalate		117	UG/L	-	COMP24
34596 Effluent Gross Value		< 0.63	OG/L		00mi 24
2,4-Dinitrotoluene			UG/L		COMP24
34611 Effluent Gross Value	RQL = 10	40.95	00/2		301111 24
2,6-Dinitrotoluene		40/1	UG/L		COMP24
34626 Effluent Gross Value	RQL = 9.5	20.61	00/2		301111 24
3,3'-Dichloro- benzidine		112	UG/L		COMP24
34631 Effluent Gross Value	RQL = 60	41.3	UG/E		301111 24
4-Bromophenyl phenyl ether		122	UG/L	:	COMP24
34636 Effluent Gross Value	RQL = 9.5	20.33	UG/L		001111 24
Naphthalene			UG/L		COMP24
34696 Effluent Gross Value	RQL = 8	<0.35	00/2		1
Bis(2-ethylhexyl) phthalate			UG/L		COMP24
39100 Effluent Gross Value	RQL = 30	<0.73	UG/L		00mi 24
Di-n-butyl phthalate		سي ر د .	UG/L		COMP24
39110 Effluent Gross Value	RQL = 20	10.65	J GG/L		001111 24
Benzidine		(, , ,)	UG/L		COMP24
39120 Effluent Gross Value	RQL = 50	⟨0.3	UG/L		GOM 24
Hexachlorobenzene			UG/L		COMP24
39700 Effluent Gross Value	RQL = 10	<0.59	UG/L		301111 24
Hexachlorobutadiene			UG/L		COMP24
39702 Effluent Gross Value	RQL = 10	20.19	UGIL		00mi 24
1,3-Dichloropropene			UG/L		GRAB
77163 Effluent Gross Value	RQL = 7	40.16	UGIL		0.00
Carbon Tetrachloride			UG/L		GRAB
32102 Effluent Gross Value	RQL = 6	40.16			
1,2-Dichloroethane		- 1	UG/L		GRAB
32103 Effluent Gross Value	RQL = 1	<0.17	J		0.0.5
Bromoform		1.0	UG/L		GRAB
32104 Effluent Gross Value	RQL = 8	1.8	UGIL		31740
Chloroform		4 5 111	UG/L		GRAB
32106 Effluent Gross Value	RQL = 5	<0.14	1 55/2		Ç. (A.)
Toluene			UG/L		GRAB
34010 Effluent Gross Value	RQL = 6	20.15	UG/L		3100
Benzene			UG/L		GRAB
34030 Effluent Gross Value	RQL = 7	40.12	UG/L		3,00
Acrolein		. ~ \	UG/L	_	GRAB
34210 Effluent Gross Value	RQL = 50	(2.)	UG/L		GRAD

PI 46815

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NJ0025411

461A DSN 461A - DSW

7/1/2014 TO 6/30/2015

HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Acrylonitrile 34215 Effluent Gross Value	RQL = 50	<1.3	UG/L		GRAB
Chlorobenzene 34301 Effluent Gross Value	RQL = 6	20.12	UG/L		GRAB
Chlorodibromomethane 34306 Effluent Gross Value	RQL = 6	40.19	UG/L		GRAB ,
Ethylbenzene 34371 Effluent Gross Value	RQL = 6	40.093	UG/L		GRAB
Methyl Bromide 34413 Effluent Gross Value	RQL = 9	40.32	UG/L		GRAB
Methyl Chloride 34418 Effluent Gross Value	RQL = 10	20.16	UG/L		GRAB
Methylene Chloride 34423 Effluent Gross Value	RQL = 6	10.20	UG/L		GRAB
Tetrachloroethylene 34475 Effluent Gross Value	RQL = 1	40.17	UG/L		GRAB
Trichlorofluoro- methane 34488 Effluent Gross Value	RQL = 5	(0.3)	UG/L		GRAB
1,1-Dichloroethane 34496 Effluent Gross Value	RQL = 23.5	40.15	UG/L	· ·	GRAB
1,1-Dichloroethylene 34501 Effluent Gross Value	RQL = 6	40,24	UG/L		GRAB
1,1,1-Trichloro- ethane 34506 Effluent Gross Value	RQL = 6	<0.12	UG/L		GRAB
1,1,2-Trichloro- ethane 34511 Effluent Gross Value	RQL = 6	40.29	UG/L		GRAB
1,1,2,2-Tetrachloro- ethane 34516 Effluent Gross Value	RQL = 10	(0.13	UG/L		GRAB
1,2-Dichloropropane 34541 Effluent Gross Value	RQL = 5	40,20	UG/L		GRAB
1,2-trans-Dichloro- ethylene 34546 Effluent Gross Value	RQL = 4	<0.24	UG/L		GRAB
2-Chloroethyl Vinyl Ether (Mixed) 34576 Effluent Gross Value		20.78	UG/L		GRAB,
Bromodichloromethane 38693 Effluent Gross Value	RQL = 5	40,18	UG/L		GRAB
Vinyl Chloride 39175 Effluent Gross Value	RQL = 10	40.13	UG/L		GRAB
Trichloroethylene 39180 Effluent Gross Value	RQL = 1	10.17	UG/L		GRAB
Methoxychlor 39480 Effluent Gross Value		40.0034	UG/L		COMP24
N-Nitrosodi- n-butylamine 73609 Effluent Gross Value		(0.57	UG/L	· · · · · · · · · · · · · · · · · · ·	COMP24
Chloroethane 85811 Effluent Gross Value		40.45	UG/L		GRAB

PI 46815

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461A DSN 461A - DSW

7/1/2014 TO 6/30/2015

HOPE CREEK GENERATING STATION

SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
Parachioro-m- cresol 34452 Effluent Gross Value		41.3	UG/L		COMP24
Phenois 46000 Effluent Gross Value		447	UG/L		GRAB
Delta BHC, Total (ug/l) 34259 Effluent Gross Value	RQL = 0.02	40.0016	UG/L	,	COMP24
Endosulfan Sulfate 34351 Effluent Gross Value	RQL = 0.08	40.6024	UG/L		COMP24
Beta Endosulfan 34356 Effluent Gross Value	RQL = 0.04	40.0017	UG/L		COMP24
Alpha Endosulfan 34361 Effluent Gross Value	RQL = 0.02	40.0011	UG/L		COMP24
Endrin Aldehyde		<0.0033	UG/L		COMP24
2,3,7,8-Tetrachloro- dibenzo-p-dioxin 34675 Effluent Gross Value	RQL = 0.1	0.0000/05	UG/L		COMP24
4,4'-DDT(p,p'-DDT) 39300 Effluent Gross Value	RQL = 0.06	< c .0075	UG/L		COMP24
4,4'-DDD(p,p'-DDD)		40.0012	UG/L		COMP24
39310 Effluent Gross Value 4,4'-DDE(p,p'-DDE)	RQL = 0.04	<0.00085	UG/L	<u>. </u>	COMP24
39320 Effluent Gross Value Aldrin	RQL = 0.04	40,0017	UG/L		COMP24
39330 Effluent Gross Value Alpha BHC	RQL = 0.04	<0.0013	UG/L		COMP24
Beta BHC	RQL = 0.02		UG/L		COMP24
39338 Effluent Gross Value Chlordane	RQL = 0.04	40.0031	UG/L		COMP24
39350 Effluent Gross Value Dieldrin	RQL = 0.2	20,034]
39380 Effluent Gross Value Endosulfans, Total (alpha and beta)	RQL = 0.03	40.00087.	UG/L		COMP24
39388 Effluent Gross Value Endrin		<0.0028	UG/L		COMP24
39390 Effluent Gross Value Toxaphene	RQL = 0.04	40.0015	UG/L		COMP24
39400 Effluent Gross Value	RQL = 1	4 0.048	UG/L		COMP24
Heptachlor 39410 Effluent Gross Value	RQL = 0.02	40.0013	UG/L	 	COMP24
Heptachlor Epoxide 39420 Effluent Gross Value	RQL = 0.4	40100075	UG/L		COMP24
2-Chlorophenol 34586 Effluent Gross Value	RQL = 20	41.0	UG/L		COMP24
2-Nitrophenol 34591 Effluent Gross Value	RQL = 18	2.0	UG/L		COMP24

PI 46815

PERMIT NUMBER: MONITORED LOCATION:

MONITORING PERIOD:

FACILITY NAME:

NJ0025411

461A DSN 461A - DSW

7/1/2014 TO 6/30/2015

HOPE CREEK GENERATING STATION

8/19/14 SAMPLE DATE OF REPORT:

PARAMETER	QL	REPORTED VALUE	UNITS	REMARK CODE	SAMPLE TYPE
2,4-Dichlorophenol		., ¬	UG/L		COMP24
34601 Effluent Gross Value	RQL = 10	41.7	J 06/L		CONIF 24
2,4-Dimethylphenol		1 0	UG/L		COMP24
34606 Effluent Gross Value	RQL = 13.5	41.8	UG/L		COMP24
2,4-Dinitrophenol		1 .00	UG/L		COMP24
34616 Effluent Gross Value	RQL = 40	40.98	UG/L		CONT 24
2,4,6-Trichloro- phenol			UG/L		COMP24
34621 Effluent Gross Value	RQL = 20	<1.4	UG/L		COMP 24
4-Chlorophenyl phenyl ether		10117	UG/L		COMP24
34641 Effluent Gross Value	RQL = 21	10.47	UG/L		COM1 24
4-Nitrophenol		.002	UG/L		COMP24
34646 Effluent Gross Value	RQL = 12	40.93	UGIL		CON17 24
4,6-Dinitro-o-cresol		1079	UG/L		COMP24
34657 Effluent Gross Value	RQL = 60	40.79	UG/L		COM17 24
Phenol Single Compound			UG/L		COMP24
34694 Effluent Gross Value	RQL = 10	40.55	UG/L		COMP 24
Pentachlorophenol		1 , 2 1	UG/L		COMP24
39032 Effluent Gross Value	RQL = 30	42.1	UG/L		CONIF 24
Lab Certification #	٠.	-0)	NOT AP
99999 Lab		12129			NOT AP
Lab Certification #		10010		The second second	NOT AP
99999 Lab		NC013			NOTAP
Lab Certification #					NOT AP
99999 Lab					NOTAF
Lab Certification #					NOT AP
99999 Lab					NOTAP
Lab Certification #					NOTAR
99999 Lab					NOT AP