

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

Form Approved  
OMB No. 2040-0004  
Approval expires 6-30-91.  
COOLING TOWER BUILDING

PERMIT NUMBER: NJ 325411  
DATE: 12/18/90

MONITORING PERIOD  
FROM: 12/18/90 TO: 12/28/90

FACILITY: PSEG HOPE CREEK GENERATING ST  
LOCATION: LUMER ALWAYS CREEK NJ 08036  
DMP NUMBER: 91100495

MAJUR  
SOUTHERN REGION  
SALCM

NOTE: Read instructions before completing this form.

PARAMETER (17.47)	QUANTITY OR LOADING (14.63)		QUALITY OR CONCENTRATION (14.63)		NO. OF ANALYSES (16.68)	FREQUENCY OF ANALYSES (16.68)	SAMPLE TYPE (16.70)
	(18.31)	(18.32)	(18.33)	(18.34)			
TEMPERATURE WATER	XXXXXX	UNITS	XXXXXX	UNITS	0	Cont	grab
DEG CENTIGRADE	000000	0000	REPORT	DEG C			
DO 1 I	000000	0000	30DA AVG	DAILY RX			
EFFLUENT GROSS VALUE	000000	0000	REPORT	DAILY RX			
TEMPERATURE WATER	000000	0000	30DA AVG	DAILY RX			
DEG CENTIGRADE	000000	0000	REPORT	DAILY RX			
DO 1 I	000000	0000	30DA AVG	DAILY RX			
INTAKE FROM STREAM	000000	0000	REPORT	DAILY RX			
PH	000000	0000	30DA AVG	DAILY RX			
00400 I 0	000000	0000	REPORT	DAILY RX			
EFFLUENT GROSS VALUE	000000	0000	30DA AVG	DAILY RX			
SOLIDS TOTAL	000000	0000	REPORT	DAILY RX			
SUSPENDED	000000	0000	30DA AVG	DAILY RX			
00530 I 0	000000	0000	REPORT	DAILY RX			
EFFLUENT GROSS VALUE	000000	0000	30DA AVG	DAILY RX			
SOLIDS TOTAL	000000	0000	REPORT	DAILY RX			
SUSPENDED	000000	0000	30DA AVG	DAILY RX			
00530 I 0	000000	0000	REPORT	DAILY RX			
EFFLUENT NET VALUE	000000	0000	30DA AVG	DAILY RX			
SOLIDS TOTAL	000000	0000	REPORT	DAILY RX			
SUSPENDED	000000	0000	30DA AVG	DAILY RX			
00530 I 0	000000	0000	REPORT	DAILY RX			
INTAKE FROM STREAM	000000	0000	30DA AVG	DAILY RX			
HYDROCARBONS IN H <sub>2</sub> O	000000	0000	REPORT	DAILY RX			
IN CC14 CAT- CHROMAT	000000	0000	30DA AVG	DAILY RX			
00551 I 0	000000	0000	REPORT	DAILY RX			
EFFLUENT GROSS VALUE	000000	0000	30DA AVG	DAILY RX			

TELEPHONE: \_\_\_\_\_ DATE: \_\_\_\_\_  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER: \_\_\_\_\_  
OFFICE OF AUTHORIZED AGENT

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: J. Bagan, General Manager, Hope Creek Operations  
TYPED OR PRINTED  
SAMPLING FREQUENCY OR NY EQUIVALENT: \*\* pH sampled for once during week ending 10/31/91  
NOT USED, ENTER "NUI" FOR THESE METALS. \*\* pH METALS ARE US-D- IF

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
EPA FORM 3320-1 (Rev. 9-88) Previous editions may be used.  
ADDRESS P.O. BOX 230/N21  
BRIDGES NJ 08035  
FACILITY PEEG HOPE CREEK GENERATING ST  
LOCATION LUMER ALLOYS CREEK NJ 08036  
EPA NUMBER P2 91100486

PERMIT NUMBER  
NJ0025411  
461A  
MONITORING PERIOD  
FROM 01/10/91 TO 01/10/91

NOTE: Read instructions before completing this form.

PARAMETER (32-37)	QUANTITY OR LOADING (14-63)		QUALITY OR CONCENTRATION (14-63)		FREQUENCY OF ANALYSIS (54-63)	NO. OF SAMPLES (60-79)
	PERMIT REQUIREMENT	MEASUREMENT	PERMIT REQUIREMENT	MEASUREMENT		
HYDROCARBONS IN H2O IRYCC14 EXT. CHROMAT 005120 EFFLUENT NET VALUE	0.21	REPORT 30DA AVG	0	MG/L DAILY MX	2/mo	Calc
	<0.50	REPORT 30DA AVG	<0.50	MG/L DAILY MX	2/mo	Grab
HYDROCARBONS IN H2O IRYCC14 EXT. CHROMAT 005170 INTAKE FROM STREAM PHOSPHORUS TOTAL (AS P)	0.40	REPORT 30DA AVG	0.47	MG/L DAILY MX	2/mo	grab
	0.14	REPORT 30DA AVG	0.14	MG/L DAILY MX	2/mo	calc
0066511 EFFLUENT GROSS VALUE PHOSPHORUS TOTAL (AS P)	0.26	REPORT 30DA AVG	0.34	MG/L DAILY MX	2/mo	grab
	9.3	REPORT 30DA AVG	16	MG/L DAILY MX	2/mo	grab
0066011 EFFLUENT GROSS VALUE CARBON TOTAL ORGANIC (TOC)	4.8	REPORT 30DA AVG	12	MG/L DAILY MX	2/mo	calc
		REPORT 30DA AVG		MG/L DAILY MX	2/mo	GRAB
0065021 EFFLUENT NET VALUE		REPORT 30DA AVG		MG/L DAILY MX	2/mo	GRAB

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

SIGNATURE OF AUTHORIZED AGENT  
*[Signature]*  
OFFICER OR AUTHORIZED AGENT  
AREA NUMBER  
609 339-3463  
YEAR MO DAY  
92 01 31

TELEPHONE  
DATE

PERMITTEE'S CERTIFICATION: I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY KNOWLEDGE OF THESE FACTS, I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I AM AWARE THAT THERE ARE NO OTHER FACILITIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE PROVISIONS OF THE NPDES ACT AND REGULATIONS SET BY USEPA AND STATE AGENCIES. I understand that these provisions may include fines up to \$10,000 and/or imprisonment of 1 year or less.

COMPLETION OF THIS REPORT IS REQUIRED IF MAINTENANCE CHEMICALS CONTAINING THESE METALS ARE USED. IF NOT USED, ENTER "NONE" FOR THESE METALS. \* Net values calculated from grab sample results.

CORRECTED DMR

PERMITTEE NAME / ADDRESS (Include Facility Name/Location if different)  
 NAME P S L C  
 ADDRESS P.O. BOX 236/N21  
 HANCOCKS BRIDGE NJ 08038

FACILITY PSEG HOPE CREEK GENERATING ST  
 LOCATION LOWER ALLOMAYS CREEK NJ 08038  
 DMR NUMBER: 91100486

PERMIT NUMBER  
 NJ0025411

DISCHARGE NUMBER  
 451C

Form Approved  
 OMB No 2040-0004  
 Approval expires 6-30-91

LOW VOLUME MM SYSTEM  
 MAJOR SOUTHERN REGION  
 SALIM

MONITORING PERIOD  
 FROM 04/10/91 TO 04/10/91  
 (12/21) (12/23) (12/25) (12/26) (12/31)

PARAMETER (12.17)	QUANTITY OR LOADING (14.61)		QUALITY OR CONCENTRATION (14.61)		NO. OF ANALYSIS (14.61)	FREQUENCY OF ANALYSIS (14.61)	SAMPLE TYPE (14.70)
	XXXXXX	UNITS	XXXXXX	UNITS			
TEMPERATURE OF WATER	XXXXXX		XXXXXX				
DG-CENTIGRAD	XXXXXX		XXXXXX				
0010 I I	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				
PH	XXXXXX		XXXXXX				
0040 I 0	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				
SOLIDS TOTAL	XXXXXX		XXXXXX				
SUSPENDED	XXXXXX		XXXXXX				
0030 I 0	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				
HYDROCARBONS IN H2O	XXXXXX		XXXXXX				
IR-CCL4 EXT-CHROMAT	XXXXXX		XXXXXX				
0055 I 0	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				
NITROGEN AMMONIA	XXXXXX		XXXXXX				
TOTAL (AS N)	XXXXXX		XXXXXX				
00610 I 0	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				
CARBON TOT ORGANIC (TOC)	XXXXXX		XXXXXX				
00680 I 1	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				
COPPER TOTAL (AS CU)	XXXXXX		XXXXXX				
01042 I 0	XXXXXX		XXXXXX				
EFFLUENT GROSS VALUE	XXXXXX		XXXXXX				

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

OFFICIAL OR AUTHORIZED AGENT  
 AREA CODE NUMBER  
 609 339-3463  
 TELEPHONE DATE  
 92 01 31

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all other Agency Acts)  
 CORRECTED DMR  
 EPA Form 3320-1 (Rev. 8-88) Previous editions may be used.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 BAMS P-31 219  
 ADDRESS P-00 BOX 236/N21  
 HANCOCKS BRIDGE NJ 08034

FACILITY P-566 HOPE CREEK GENERATING ST  
 LOCATION LOWER ALLOWAYS CREEK NJ 08038  
 UMR NUMBER: 91100486

NJ0225411  
 PERMIT NUMBER

MONITORING PERIOD  
 FROM 10/01/91 TO 10/31/91  
 (10/01) (10/31) (10/01) (10/31)

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-91

SEMADEC MEM  
 MAJOR SOUTHERN REGION  
 SALCM

PARAMETER (12.57)	(1 Card Only) QUANTITY OR LOADING (16.53)		(4 Card Only) QUALITY OR CONCENTRATION (14.53)		NO. OF EX. (12.63)	FREQUENCY OF ANALYSIS (16.63)	SAMPLE TYPE (16.73)
	XXXXXX	UNITS	XXXXXX	UNITS			
CALIFORNIA FCAL	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
GENERAL	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
74055 I O	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
EFFLUENT GROSS VALUE	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
5-DAY PERCENT REMOVAL	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
1010 K O	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
PERCENT REMOVAL	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
SOLIDS SUSPENDED	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
PERCENT REMOVAL	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
1011 K O	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
PERCENT REMOVAL	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
SIXY6EN DEMAND	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
FIRST STAGE	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
12210 I O	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab
EFFLUENT GROSS VALUE	XXXXXXXX	XXXXXXXX	XXXXXXXX	XXXXXXXX	0	1/mo	grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 J. Hagan  
 General Manager  
 Hope Creek Operations

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

TELEPHONE  
 609 339-3463

DATE  
 92 01 31

AREA NUMBER  
 609 339-3463

YEAR  
 92

MO  
 01

DAY  
 31

OFFICER OR AUTHORIZED AGENT

FORM 3320-1 (Rev. 9-88) Previous editions may be used.

REPLACES EPA FORM 7-89 WHICH MAY BE OBSOLETE

PAGE 1 OF 1

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
 NAME P.S.E.G.  
 ADDRESS P.O. BOX 236/N21  
 HANCOCKS BRIDGE NJ 08038

FACILITY PSEG HOPE CREEK GENERATING ST  
 LOCATION LOWER ALLOWAYS CREEK NJ 08038  
 PERM NUMBER: 91100486

MONITORING PERIOD  
 FROM 5/18/81 TO 5/18/81  
 (20-25) (22-25) (24-25) (26-28) (28-29) (29-31)

Form Approved  
 OMB No. 2040-0004  
 Approval expires 6-30-91

SOUTH STORM DRAIN  
 MAJOR SOUTH-RN REGION  
 SALEM

PARAMETER (12.17)	QUANTITY OR LOADING (14.45)		QUALITY OR CONCENTRATION (14.45)		NO. OF ANALYSES (16.20)	FREQUENCY OF ANALYSES (16.20)	SAMPLE TYPE (16.20)
	(14.45)	(14.45)	(14.45)	(14.45)			
PH	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE SOLIDS TOTAL	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE SUSPENDED SOLIDS	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE HYDROCARBONS IN H2S	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE IRON IN CHROMAT	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE CARBON TOT ORGANIC (TOC)	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE FLOW IN CONDUIT CR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	0	1/mo	grab
	PERMIT REQUIREMENT	00000000	00000000	00000000		ONCE/MONTH	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER: J. Hagan  
 General Manager  
 Hope Creek Operations

TELEPHONE: 609-339-3463

DATE: 92 01 31

AREA NUMBER: 609-339-3463

OFFICER OR AUTHORIZED AGENT: [Signature]

NOTE: Read instructions before completing this form.

NOTE: SAMPLES FOR MONITORING A DISCHARGE PERMIT EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE DURING WORKING HRS E IS PRECEDED BY MINIMUM DRY PERIOD OF 7 HRS.

FORM 3320-1 (Rev. 8-88) Previous editions may be used.

LABS: 08T53-1745T-77535-6431

PAGE 11 OF 12

Form Approved  
OMB No. 2040-0064  
Approval expires 6-30-91

PERM STORM DRAIN  
MAJER  
SOUTH-RK REGION  
SALCM

NOTE: Read instructions before completing this form.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
P.O. BOX 236/NJ21  
HANCOCKS BRIDGE NJ 08036

FACILITY P-266 HOPE CREEK GENERATING ST  
LOCATION LOMER ALLOWS CREEK NJ 08036  
DMR NUMBER: 91100486

PERMIT NUMBER NJ025411  
EXCHANGE NUMBER 464A

MONITORING PERIOD  
FROM 01/01/91 TO 01/01/91

PARAMETER (12-17)	QUANTITY OR LOADING (14-15)		QUALITY OR CONCENTRATION (16-21)		NO. OF ANALYSES (67-68)	FREQUENCY OF ANALYSES (69-70)	SAMPLE TYPE (69-70)
	(14-15)	(15-16)	(16-17)	(17-21)			
00400 1 0 EFFLUENT GROSS VALUE SOLIDS, TOTAL SUSPENDED	XXXXXXXXXX	XXXXXXXXXX	7.1	7.1	0	1/mo	grab
00500 1 1 (ADMIN) EFFLUENT GROSS VALUE HYDROCARBONS, IN H <sub>2</sub> O IRYCCIA EXT. CHROMAT	XXXXXXXXXX	XXXXXXXXXX	REPORT 30DA AVG	REPORT DAILY MX	-	1/mo	grab
00550 1 0 EFFLUENT GROSS VALUE CARBON, TOT ORGANIC (TOC)	XXXXXXXXXX	XXXXXXXXXX	0.22	0	0	1/mo	grab
00680 1 1 EFFLUENT GROSS VALUE FLOW IN CONDUIT OR THRU TREATMENT PLANT	XXXXXXXXXX	XXXXXXXXXX	11	11	0	1/mo	grab
00050 1 0 EFFLUENT GROSS VALUE	XXXXXXXXXX	XXXXXXXXXX	REPORT 30DA AVG	REPORT DAILY MX	-	1/mo	grab

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
J. Blagan  
General Manager  
Hope Creek Operations

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER  
*[Signature]*

OFFICE OR AUTHORIZED AGENT  
AREA NUMBER 609 339-3463  
YEAR 92  
MO 01  
DAY 31

TELEPHONE DATE

PERMITTEE CERTIFIES UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED THEREON I BELIEVE THE INFORMATION IS TRUE AND CORRECT. I BELIEVE THE INFORMATION IS TRUE AND CORRECT AND COMPLETE. I AM AWARE THAT THERE ARE CIVIL AND CRIMINAL PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC 1001 AND 18 USC 1011. I certify that the information submitted hereon is true and correct.

EXCEPT FOR PET HC FOR WHICH SAMPLES SHALL BE TAKEN DURING THE 1ST PRECIPITATION EVENT OF MONTH WHICH CAUSES DISCHARGE JUMPING WORKING H<sub>2</sub>O & IS PRECEDED BY MINIMUM DAY PERIOD OF 72 H<sub>2</sub>O CORRECTED DMR