

January 21, 2004

Mr. Scott Mallette  
Director, Operations Management Division  
U. S. Department of Energy  
Brookhaven Area Office  
Upton, NY 11973

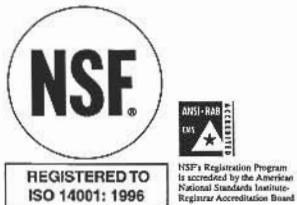
Dear Mr. Mallette:

**SUBJECT: NPDES - Discharge Monitoring Report (DMR) for December 2003**

Included as Attachment I, please find the DMR for the month of December 2003. Chemical analyses for the reported parameters are conducted by NYS Department of Health certified laboratories. As of November 1, 2003, Severn Trent Laboratories, Inc. will be performing most of the analyses on all SPDES samples with H2M Labs, Inc. performing only the BOD<sub>5</sub>, Nitrogen series, and fecal coliform analyses due to sample holding times. Copies of the analytical reports are contained in Attachments IV and V. Field measured parameters (pH, settleable solids, flow) are recorded and/or measured by the Plant Engineering Division, Sewage Treatment Plant Operators or the Environmental and Waste Management Services Division, Field Sampling Team.

With the exception of one excursion for the tolytriazole concentration at Outfall 002, review of the analytical data shows that all parameters met their respective SPDES effluent limitations this reporting period. With regard to tolytriazole, the sample collected on October 10, 2003, exhibited a tolytriazole concentration of 0.989 mg/L. The elevated concentrations were due to a broken valve on the feed equipment for the water treatment chemicals added to a cooling tower discharging to this outfall. The problem was repaired once it was discovered. Subsequent sampling on November 6, 2003, exhibited a tolytriazole concentration of < 0.005 mg/L. Please see Attachment II for the non-compliance report on this excursion event. Attachment III contains a summary of the Water Treatment Chemical usage for Outfalls 002, 005, and 006 for calendar year 2003.

Collection and analysis of the SPDES permit samples are performed in accordance with the guidelines of the BNL Quality Assurance program. These guidelines include the routine calibration of instruments, standard operating procedures for collection and analysis of samples, use of standard methods of analysis, and validation of the contractor analytical data by BNL personnel. Brookhaven National Laboratory personnel collected all samples. A Quality Assurance inspection is performed periodically on contractor laboratories. The Quality Assurance documentation is available from the Environmental and Waste Management Services Division and Plant Engineering Divisions. Based

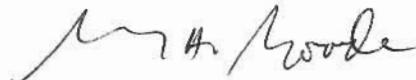


on this information, we believe the values reported on the DMR are representative of the effluent from the BNL during the month of December 2003.

Although it is no longer necessary for BNL to include copies of the laboratory analysis when submitting the DMR, we are including them in the package submitted to you for record-keeping purposes. You do not have to forward the analytical reports to the NYSDEC-Region 1 or SCDHS when submitting the DMR.

Please sign each page of the computer generated DMR where indicated and transmit it to the New York State Department of Environmental Conservation and the Suffolk County Department of Health Services no later than January 28, 2003. If there are any questions regarding the information contained on the DMR or the analytical data packages, please do not hesitate to contact R. Lee at extension 3148 or M. Allococo at extension 3166.

Sincerely,



George A. Goode  
Environmental & Waste Management Services  
Division Manager

GAG/MA:car

- Attachment I: Discharge Monitoring Report for December 2003.
- Attachment II: Non-Compliance Report for Quarterly SPDES Excursion at Outfall 002.
- Attachment III: Annual Water Treat Chemical Usage for Calendar Year 2003
- Attachment IV: Analytical Results from H2M Labs Inc. and Severn Trent Laboratories, Inc. for samples collected on 12/10/03, 12/12/03, and 12/15/03 from Outfall 001.
- Attachment V: Analytical Results from H2M Labs Inc., the BNL Analytical Services Laboratory, GEL LLC, and CHEMTEX, Inc. for samples collected from Outfalls 001A, 001B, 001F, 002, 002B, 005, 006A, 006B, 008, and 010.

cc:	M. Allococo	w/ attachments	M. Baldwin	w/ attachments
	M. Bebon	w/o attachments	W. Chaloupka	w/ attachments
	S. Dierker	w/o attachments	G. Goode	w/o Attachments
	G. Granzen	w/o attachments	C. Johnson	w/o attachments
	R. Lee	w/ attachments	K. Klaus	w/ attachments
	E. Lessard	w/o attachments	D. Lowenstein	w/o attachments
	E. Murphy	w/ attachments	V. Radeka	w/o attachments
	B. Style	w/o attachments	J. Tarpinian	w/o attachments
	D. Van Duyne	w/ attachments		

EC62ER.03

**Brookhaven National Laboratory**  
**SPDES Permit No. NY0005835**  
**Discharge Monitoring Report for December 2003**  
**Discharge Monitoring Report Notes:**

1. The reported concentration is estimated at less than the method detection limit but greater than the instrument detection limit.
2. The analyte was also found in the associated laboratory blank.
3. Flow is estimated based upon an instantaneous flow measurement and the assumption that flow continued for the entire day (i.e., 1,440 minutes).
4. Since flow records are maintained on a weekly or monthly basis, the flow rate provided is the daily average.
5. PCBs were not detected above the detection limit for any congener. Total PCBs have been reported as less than the maximum of the individual detection limits.
6. Two individual photographic processors had generated photographic rinse waters discharged from Building 197B. However, in late 2003 the photographic processors were shutdown resulting in no discharge from Outfall 001D for this time period. The processors were removed from service as part of the Laboratory's continued efforts in pollution prevention and waste minimization. A new plate setter has replaced one processor and uses lasers to burn an image. Rinse waters from the imaged plates were sampled and the results will be submitted shortly to determine if SPDES permitting is still needed.
7. A compliance sample for Outfall 001F was collected on October 3, 2003 with a polypropylene glycol monobutyl ether (PPGMBE) concentration of < 0.5 mg/L. After sampling the cooling tower was shutdown and emptied for cleaning. A sample was collected on November 10, 2003, after startup with a PPGMBE concentration of 7.38 mg/L. A review of the cooling tower system did not reveal a system leak or a source for the elevated concentration of PPGMBE. A third sample was collected on December 4, 2003, with a PPGMBE concentration of < 0.5 mg/L.
8. The tolytriazole concentration at Outfall 002 was 0.989 mg/L on 10/10/2003, which exceeded the permit limit of 0.2 mg/L. Please see Attachment II for an explanation of this excursion.

**ATTACHMENT I**

**BROOKHAVEN NATIONAL LABORATORY**

**SPDES PERMIT NO. NY0005835**

**DISCHARGE MONITORING REPORT FOR DECEMBER 2003**

**FOR OUTFALLS NO. 001 – 010**

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
ADDRESS BROOKHAVEN NATIONAL LABORATORY  
BROOKHAVEN AREA OFFICE  
UPTON NY 11973

FACILITY BROOKHAVEN NATIONAL LABORATORY  
LOCATION UPTON NY 11973  
ATTN: GEORGE MALOSH, GROUP MGRR

NY0005835	001 A	(SUBR 01)
Permit Number	Discharge Number	F - FINAL
Monitoring Period		ACID/CAUSTIC CLEANG RINSE 635B
From	To	<input type="checkbox"/> *** No Discharge
YR	MO	DAY
03	10	01 03 12 31

Note: Read Instructions before completing this form

PARAMETER	QUANTITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW RATE	SAMPLE	100	*****	(07)	*****	*****	*****		0	03/90	RC
	MEASUREMENT	REPORT	DAILY AV	**** GPD	*****	*****	*****			QTRLY	RCORDR
00056 1 0 1	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE	*****	*****	7.0	*****	7.0	*****		(12)	0	01/90
PH	MEASUREMENT	PERMIT	*****	*****	REPORT	*****	REPORT			QTRLY	GRAB
	PERMIT REQUIREMENT	SAMPLE	*****	*****	MINIMUM	*****	MAXIMUM				
00400 1 0 0	EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****		(28)	0	01/90
BIS (2-ETHYLHEXYL)	PERMIT REQUIREMENT	SAMPLE	*****	*****	*****	*****	*****			QTRLY	GRAB
PHTHALATE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
39100 1 0 0	See Note 2	SAMPLE	*****	*****	*****	*****	*****			UGIL	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****			QTRLY	GRAB
DI-N-BUTYL PHTHALATE	SAMPLE	*****	*****	*****	*****	*****	*****				
	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****			UGIL	GRAB
39110 1 0 0	EFFLUENT GROSS VALUE	SAMPLE	*****	*****	*****	*****	*****			QTRLY	GRAB
BIS (2-ETHYLHEXYL)	PERMIT REQUIREMENT	SAMPLE	*****	*****	*****	*****	*****				
PHTHALATE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****			UGIL	GRAB
39100 1 0 0	See Note 2	SAMPLE	*****	*****	*****	*****	*****			QTRLY	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****				
NAMETITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.										
Mr. Michael Holland Area Office Manager											
Typed or Printed											
Comments and Explanation of any violations (Reference all attachments here)											
NO CHANGES OR ADDITIONS OF CHEMICALS TO COOLING OR BOILER WATER W/O PRIOR NYSDEC APPROVAL. SAMPLES TO BE COLLECTED FROM A DEDICATED DRAIN OR HOLDING TANKS PRIOR TO DISCH TO SEWER COLLECTION SYSTEM. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS											
Signature of Principal Executive Officer Officer or Authorized Agent											
Telephone 631-344-3424											
Date Signed											

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME U S D O E  
 ADDRESS BROOKHAVEN NATIONAL LABORATORY  
 BROOKHAVEN AREA OFFICE  
 UPTON NY 11973  
 FACILITY BROOKHAVEN NATIONAL LABORATORY  
 LOCATION UPTON NY 11973  
 ATTN: GEORGE MALOSH, GROUP MGR

MAJOR  
 (SUBR 01)  
 F - FINAL  
 RINSE FROM CENTRL DEGREASER 498  
 \*\*\* No Discharge

NY00056835  
 Permit Number  
 001 B  
 Discharge Number

Monitoring Period

From

To

YR

MO

DAY

YR

MO

DAY

03

10

01

03

12

31

Note: Read Instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE	SAMPLE	382	*****	(07)	*****	*****	0	01/90	RC
00056 1 0 1	MEASUREMENT	REPORT DAILY AV	*****	GPD	*****	*****	***	QTRLY	RCORDR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	SAMPLE	*****	*****	*****	*****	***	QTRLY	GRAB
PH	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
00400 1 0 0	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
CHROMIUM, TOTAL (AS CR)	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
01034 1 0 0	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
EFFLUENT GROSS VALUE	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
COPPER, TOTAL (AS CU)	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
01042 1 0 0	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
IRON, TOTAL (AS FE)	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
01045 1 0 0	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
EFFLUENT GROSS VALUE	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
MANGANESE, TOTAL (AS MN)	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
01055 1 0 0	SAMPLE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
EFFLUENT GROSS VALUE	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
NICKEL, TOTAL (AS NI)	See Note 1	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	QTRLY	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.			Comments and Explanation of any violations (Reference all attachments here)			Telephone 631-344-3424		
Typed or Printed	Mr. Michael Holland Area Office Manager	NO CHANGES OR ADDITIONS OF CHEMICALS TO COOLING OR BOILER WATER W/O PRIOR NYSDEC APPROVAL. SAMPLES TO BE COLLECTED FROM A DEDICATED DRAIN OR HOLDING TANKS PRIOR TO DISCH TO SEWER COLLECTION SYSTEM. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS			Signature of Principal Executive Officer or Authorized Agent			Date Signed	Page 1

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
 ADDRESS BROOKHAVEN NATIONAL LABORATORY  
 UPTON NY 11973  
 FACILITY BROOKHAVEN NATIONAL LABORATORY  
 LOCATION UPTON NY 11973  
 ATTN: GEORGE MALOSH, GROUP MGSR

NY0005835  
 Permit Number 001 B  
 Monitoring Period Discharge Number F - FINAL  
 From To  
 YR MO DAY YR MO DAY  
 03 10 01 03 12 31

RINSE FROM CENTRL DEGREASER 498  
 \*\*\* No Discharge

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
ZINC, TOTAL (AS ZN)	SAMPLE *****	*****	UNITS	*****	*****	59	(28)	0	01/90 GR
01092 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
1,2-DICHLOROETHANE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
32103 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
CHLOROFORM	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
32106 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
1,1,1-TRICHLORO-ETHANE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
DICHLOROBROMOMETHANE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
32101 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
BIS (2-ETHYLHEXYL) PHTHALATE	See Note 1	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
39100 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
DI-N-BUTYL PHTHALATE	See Note 1	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
39110 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT DAILY MX	UG/L	QTRLY	GRAB
NAMETITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								
Mr. Michael Holland Area Office Manager	Comments and Explanation of any violations (Reference all attachments here)  NO CHANGES OR ADDITIONS OF CHEMICALS TO COOLING OR BOILER WATER W/O PRIOR NYSDEC APPROVAL. SAMPLES TO BE COLLECTED FROM A DEDICATED DRAIN OR HOLDING TANKS PRIOR TO DISCH TO SEWER COLLECTION SYSTEM. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS								
Typed or Printed	Telephone 631-344-3424								
	Signature of Principal Executive Officer or Authorized Agent Date Signed								

Comments and Explanation of any violations (Reference all attachments here)

NO CHANGES OR ADDITIONS OF CHEMICALS TO COOLING OR BOILER WATER W/O PRIOR NYSDEC APPROVAL. SAMPLES TO BE COLLECTED FROM A DEDICATED DRAIN

OR HOLDING TANKS PRIOR TO DISCH TO SEWER COLLECTION SYSTEM. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS



## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE

ADDRESS BROOKHAVEN NATIONAL LABORATORY

UPTON NY 11973

BROOKHAVEN AREA OFFICE

FACILITY BROOKHAVEN NATIONAL LABORATORY

LOCATION UPTON NY 11973

ATTN: GEORGE MALOSH, GROUP MGR

NY0005835	001 D	
Permit Number	Discharge Number	
Monitoring Period		
From	To	
YR	MO	DAY
03	10	01 03 12 31

F - FINAL  
PHOTOPROCESSNG RINSE FROM 197B  
\*\*\* No Discharge

Note: Read Instructions before completing this form

PARAMETER	QUALITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	MINIMUM			
FLOW RATE	*****	(07)	*****	*****	*****	*****	*****	*****			RC
00056 1 0 1	See Note 6	SAMPLE	*****	*****	*****	*****	*****	*****			
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MEASUREMENT	REPORT DAILY AV	GPD	*****	*****	*****	*****		QTRLY	RCORDR
PH	00400 1 0 0	SAMPLE	*****	*****	*****	*****	*****	*****	(12)		GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MEASUREMENT	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
NITROGEN, TOTAL (AS N)	00600 1 0 0	SAMPLE	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MEASUREMENT	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
CYANIDE, TOTAL (AS CN)	00720 1 0 0	SAMPLE	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MEASUREMENT	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
SILVER, TOTAL (AS AG)	01077 1 0 0	SAMPLE	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MEASUREMENT	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
PHENOLICS, TOTAL RECOVERABLE	32730 1 0 0	SAMPLE	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MEASUREMENT	*****	*****	*****	*****	*****	*****		QTRLY	GRAB
		PERMIT REQUIREMENT									
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Mr. Michael Holland Area Office Manager	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)

NO CHANGES OR ADDITIONS OF CHEMICALS TO COOLING OR BOILER WATER W/O PRIOR NYSDEC APPROVAL.. SAMPLES TO BE COLLECTED FROM MANHOLE NEAREST THE BUILDING. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS

Telephone  
631-344-3424

Date Signed  
Signature of Principal Executive Officer or Authorized Agent

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
ADDRESS BROOKHAVEN NATIONAL LABORATORY  
UPTON BROOKHAVEN AREA OFFICE  
FACILITY UPTON NATIONAL LABORATORY  
LOCATION UPTON NY 11973  
ATTN: GEORGE MALOSH, GROUP MGR

NY0005835	001 E	Discharge Number
Permit Number		
Monitoring Period		
From	To	
YR	MO	DAY
03	10	01
03	01	03
12	31	

\*\*\* No Discharge

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PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW RATE	SAMPLE MEASUREMENT	56	*****	(07)	*****	*****	*****	0	01/90	RC
	PERMIT REQUIREMENT	REPORT DAILY AV	*****	GPD	*****	*****	*****	****	QTRLY	RCORDR
00056 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	****	*****	
PH	PERMIT REQUIREMENT	*****	*****		8.5	*****	9.5	(12)	0	GR
	SAMPLE MEASUREMENT				REPORT MINIMUM	*****	REPORT MAXIMUM	SU	QTRLY	GRAB
00404 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT									
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## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE

ADDRESS BROOKHAVEN NATIONAL LABORATORY

UPTON NY 11973

BROOKHAVEN AREA OFFICE

FACILITY BROOKHAVEN NATIONAL LABORATORY

LOCATION UPTON NY 11973

ATTN: GEORGE MALOSH, GROUP MGSR

NY0005835	001 F	(SUBR 01)
Permit Number	Discharge Number	F - FINAL
Monitoring Period	To	COOLING TOWER WTR & BLOWDN 902
From		*** No Discharge <input type="checkbox"/>
YR	MO	DAY
03	10	01 03 12 31

\*\*\* No Discharge

Note: Read Instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE	SAMPLE	6340	*****	(07)	*****	*****		0	03/90
00056 1 0 1	MEASUREMENT	REPORT DAILY AV	*****	GPD	*****	*****			RC
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT								
PH	SAMPLE	*****	*****	7.8	*****	8.4	(12)	0	03/90
00400 1 0 0	MEASUREMENT	PERMIT REQUIREMENT	*****	REPORT MINIMUM	*****	REPORT MAXIMUM	SU		
EFFLUENT GROSS VALUE	SAMPLE	*****	*****						
PROPYLENE GLYCOL	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	QTRLY	GRAB	
MONOBUTYL ETHER	SAMPLE	*****	*****						
49875 1 0 0	MEASUREMENT	PERMIT REQUIREMENT	*****	*****	*****	*****	UGL		
EFFLUENT GROSS VALUE	SAMPLE	*****	*****						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Mr. Michael Holland Area Office Manager	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)	Comments and Explanation of any violations (Reference all attachments here)
Typed or Printed									

Telephone  
631-344-3424

Date Signed  
Signature of Principal Executive Officer or Authorized Agent

Comments and Explanation of any violations (Reference all attachments here)  
NO CHANGES OR ADDITIONS OF CHEMICALS TO COOLING OR BOILER WATER W/O PRIOR NYSDEC APPROVAL, SAMPLES TO BE COLLECTED FROM A DEDICATED DRAIN OR HOLDING TANKS PRIOR TO DISCHARGE TO SEWER COLLECTION SYSTEM. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE

ADDRESS BROOKHAVEN NATIONAL LABORATORY

UPTON NY 11973

BROOKHAVEN AREA OFFICE

FACILITY BROOKHAVEN NATIONAL LABORATORY

LOCATION UPTON NY 11973

ATTN: GEORGE MALOSH, GROUP MGR

NY0005835	001 M	MAJOR
Permit Number	Discharge Number	(SUBR 01)
Monitoring Period	To	F - FINAL
From		PROCESS SANIT & STORMWTR RNOFF
YR	MO	DAY
03	10	01
03	03	12
MO	MO	DAY
31		

\*\*\* No Discharge

PARAMETER	QUALITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM UNITS			
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT	*****	*****	*****	*****	52	(15)	0	01/01 GR
00011 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	90	DAILY MAX DEG.F	DAILY	GRAB
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	*****	*****	*****	< 2	< 2	(19)	0	03/30 24
00310 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	10	20	DAILY MAX MG/L	ONCE/MONTH	COMP24
PH	SAMPLE MEASUREMENT	*****	*****	*****	6.2	*****	6.6	(12)	0 01/01 GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	5.8	*****	9.0	DAILY SU	GRAB
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	< 1	1	(19)	0	03/30 24
SOLIDS, SETTLEABLE	PERMIT REQUIREMENT	*****	*****	*****	10	20	DAILY MAX MG/L	ONCE/MONTH	COMP24
00545 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.0	(25)	0	01/01 GR
NITROGEN, TOTAL (AS N)	PERMIT REQUIREMENT	*****	*****	*****	*****	0.1	DAILY MAX MG/L	DAILY	GRAB
00600 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	7.8	(19)	0	03/30 24
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	*****	*****	*****	*****	10	DAILY MAX MG/L	ONCE/MONTH	COMP24
00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.1	(19)	0	03/30 24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		*****	*****	*****	*****	2	DAILY MAX MG/L	ONCE/MONTH	COMP24
Comments and Explanation of any violations (Reference all attachments here)									
I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.									
Typed or Printed									
Mr. Michael Holland Area Office Manager									
Telephone 631-344-3424									
Signature of Principal Executive Officer or Authorized Agent									
Date Signed									

QUANTITIES OR CONCENTRATIONS OF RADIOACTIVITY IN EFFLUENT ARE SUBJECT TO REQUIREMENTS OF THE USDOE INCL BUT NOT LIMITED TO USDOE ORDER 5400.5.  
APPROX 15% OF STP DISCHARGE CAN BE TO GW VIA EXFILT FROM SFBS. SEE PERMIT FOR ADDITIONAL NOTES COMMENTS AND REQUIREMENTS.

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
 ADDRESS BROOKHAVEN NATIONAL LABORATORY  
 UPTON NY 11973  
 FACILITY BROOKHAVEN NATIONAL LABORATORY  
 LOCATION UPTON NY 11973  
 ATTN: GEORGE MALOSH, GROUP MGRR

NY0005835	001 M
Permit Number	Discharge Number
MAJOR	
(SUBR 01)	
F - FINAL	
PROCESS SANIT & STORMWTR RNOFF	
<input type="checkbox"/> *** No Discharge	
*** *	

Note: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS					
PHOSPHORUS, TOTAL (AS P)	SAMPLE	*****	*****		*****	*****	1.4	(19)	0	03/30	24		
MEASUREMENT	PERMIT REQUIREMENT	*****	*****		*****	*****	REPORT DAILY MX	MG/L		ONCE/MONTH	COMP24		
CYANIDE, TOTAL (AS CN)	SAMPLE	*****	*****		*****	*****	< 5	(28)	0	03/30	GR		
MEASUREMENT	PERMIT REQUIREMENT	*****	*****		*****	*****	DAILY MX	UG/L		TWICE/MONTH	GRAB		
EFLUENT GROSS VALUE 00720 1 0 0	SAMPLE	*****	*****		*****	*****	100						
EFLUENT GROSS VALUE 01042 1 0 0	SAMPLE	*****	*****		*****	*****	0.042	(19)	0	03/30	24		
COPPER, TOTAL (AS CU)	MEASUREMENT	*****	*****		*****	*****	DAILY MX	MG/L		ONCE/MONTH	COMP24		
EFLUENT GROSS VALUE 01045 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	0.15	(19)	0	03/30	24		
IRON, TOTAL (AS FE)	SAMPLE	*****	*****		*****	*****	0.17						
MEASUREMENT	PERMIT REQUIREMENT	*****	*****		*****	*****	DAILY MX	MG/L		ONCE/MONTH	COMP24		
EFLUENT GROSS VALUE 01051 1 0 0	SAMPLE	*****	*****		*****	*****	0.37	(19)	0	03/30	24		
LEAD, TOTAL (AS PB)	See Note 1	MEASUREMENT	*****		*****	*****	0.0011						
EFLUENT GROSS VALUE 01067 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	*****	DAILY MX	MG/L		ONCE/MONTH	COMP24		
NICKEL, TOTAL (AS NI)	SAMPLE	*****	*****		*****	*****	0.019	(19)	0	03/30	24		
MEASUREMENT	PERMIT REQUIREMENT	*****	*****		*****	*****	DAILY MX	MG/L		ONCE/MONTH	COMP24		
EFLUENT GROSS VALUE 01077 1 0 0	SAMPLE	*****	*****		*****	*****	0.0042	(19)	0	03/30	24		
SILVER, TOTAL (AS AG)	MEASUREMENT	*****	*****		*****	*****	DAILY MX	MG/L		ONCE/MONTH	COMP24		
EFLUENT GROSS VALUE NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	PERMIT REQUIREMENT	*****	*****		*****	*****	0.11						
Mr. Michael Holland Area Office Manager							DAILY MX	MG/L					
Comments and Explanation of any violations (Reference all attachments here)	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.											Signature of Principal Executive Officer or Authorized Agent	Date Signed
Typed or Printed												Telephone 631-344-3424	

QUANTITIES OR CONCENTRATIONS OF RADIOACTIVITY IN EFFLUENT ARE SUBJECT TO REQUIREMENTS OF THE USDOE INCL BUT NOT LIMITED TO USDOE ORDER 5400.5.  
 APPROX 15% OF STP DISCHARGE CAN BE TO GW VIA EXFILT FROM SFBS. SEE PERMIT FOR ADDITIONAL NOTES COMMENTS AND REQUIREMENTS.

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
ADDRESS BROOKHAVEN NATIONAL LABORATORY  
UPTON NY 11973  
FACILITY BROOKHAVEN NATIONAL LABORATORY  
LOCATION UPTON NY 11973  
ATTN: GEORGE MALOSH, GROUP MGSR

NY0005835	001 M	(SUBR 01)
Permit Number	Discharge Number	F - FINAL
Monitoring Period	To	PROCESS SANIT & STORMWTR RNOFF
From		*** No Discharge <input type="checkbox"/>

Note: Read Instructions before completing this form

PARAMETER	QUALITY OR LOADING				QUALITY OR CONCENTRATION	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM				
ZINC, TOTAL (AS ZN)	SAMPLE ****	*****		*****	*****	0.05	(19)	0
01092 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0.1	DAILY MX	ONCE/MONTH
TOLUENE	See Note 1	SAMPLE ****	*****	*****	*****	0.6	(28)	0
34010 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	5	DAILY MX	TWICE/MONTH
METHYLENE CHLORIDE	SAMPLE ****	*****		*****	*****	< 1	UG/L	GRAB
34423 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	5	DAILY MX	GRAB
1,1,1-TRICHLORO-ETHANE	SAMPLE ****	*****		*****	*****	< 1	(28)	0
34506 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	5	DAILY MX	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE 0.28	0.50	(03)	*****	*****		UG/L	GRAB
50050 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	REPORT DAILY AV	2.3 DAILY MX	MGD	*****	*****	CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG)	See Note 1	SAMPLE ****	*****	*****	*****	0.0002	(19)	0
71900 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0.0008	DAILY MX	ONCE/MONTH
COLIFORM, FECAL GENERAL	SAMPLE ****	*****		*****	*****		MG/L	COMP24
74055 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	< 2	(13)	0
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	Mr. Michael Holland Area Office Manager	200	400	DAILY AV	DAILY MX	#/100ML	ONCE/MONTH	GRAB
Comments and Explanation of any violations (Reference all attachments here)	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	Telephone 631-344-3424	Date Signed					
Typed or Printed	Comments and Explanation of any violations (Reference all attachments here)	Signature of Principal Executive Officer or Authorized Agent	Date Signed					

Quantities or Concentrations of Radioactivity in Effluent are subject to Requirements of the USDOE Incl but not limited to USDOE Order 5400.5. APPROX 15% of STP Discharge can be to GW via Exfilt from SFBS. SEE PERMIT FOR ADDITIONAL NOTES COMMENTS AND REQUIREMENTS.



## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
ADDRESS BROOKHAVEN NATIONAL LABORATORY  
FACILITY UPTON NY 11973  
LOCATION UPTON NY 11973  
ATTN: GEORGE MALOSH, GROUP MGR

POLYCHLORINATED BIPHENYLS (PCBS) 39516 1 0 0 See Note 5 EFFLUENT GROSS VALUE	Permit Number Monitoring Period From YR 03 MO 10	001 Q Discharge Number To YR 01 MO 03	(SUBR 01) F - FINAL PROCESS SANIT EFFL & STORMWTR *** No Discharge <input type="checkbox"/>
	MAJOR		

PARAMETER	QUALITY OR LOADING				QUALITY OR CONCENTRATION	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM				
SAMPLE	*****	*****		*****	< 0.065	(28)		
MEASUREMENT							03/90	GR
PERMIT REQUIREMENT	*****	*****		*****	*****			
SAMPLE							QTRLY	GRAB
MEASUREMENT								
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NAMES/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.							
Mr. Michael Holland Area Office Manager								
Typed or Printed								
Comments and Explanation of any violations (Reference all attachments here) PCB ANALYSIS TO USE EPA METHOD 608 WITH AN MDL GOAL OF 0.065 PPB								
Date Signed								

Telephone 631-344-3424
---------------------------

Date Signed
-------------

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

NAME	ADDRESS	FACILITY	LOCATION
U S D O E	BROOKHAVEN NATIONAL LABORATORY BROOKHAVEN AREA OFFICE UPTON	BROOKHAVEN NATIONAL LABORATORY UPTON	NY 11973 NY 11973 GEORGE MALOCH GROUP INC. ATTN:

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)			
MAJOR			
NY0005835 Permit Number	002 B Discharge Number	(SUBR 01) F - FINAL	RF(1004) & BRAHMS(1002) BLOWDN <input type="checkbox"/> *** No Discharge
Monitoring Period			
From	To		
*** ***			

NY0005835 Permit Number	(SUBR 01) F - FINAL RF{1004} &					
	002 B Discharge Number					
Monitoring Period	To					*** No Discharge
	From	YR	MO	DAY	YR	

**Note:** Read Instructions before completing this form

Comments and Explanation of any violations (Reference all attachments here)  
DISCHARGE MAY BE DIRECTED TO SURROUNDING LOW LYING AREA INSIDE THE ROADWAY THAT IS INSIDE RHIC RING. ONCE STORMWATER COLLECTION SYSTEM IS EXTENDED TO RDG 1010 & A NEW RECHARGE BASIN IS CONSTRUCTED DISCHARGE SHOULD BE TO NEW BASIN

631-344-3424

Date Signed

100

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

NAME US DOE  
ADDRESS BROOKHAVEN NATIONAL LABORATORY

UPTON BROOKHAVEN AREA OFFICE  
NY 11973  
FACILITY BROOKHAVEN NATIONAL LABORATORY  
NY 11973  
LOCATION UPTON  
ATTN: GEORGE MALOSH, GROUP MGR

## DISCHARGE MONITORING REPORT (DMR)

		MAJOR	
		(SUBR 01)	
		F - FINAL	
		AGS NON-C COOLING,PRCP,ETC (HN)	
		<input type="checkbox"/> *** No Discharge	

Note: Read Instructions before completing this form

PARAMETER		QUALITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
PH	SAMPLE	*****	*****		7.0	*****	7.7	(12)	0	04/30
	MEASUREMENT	*****	*****			REPORT MINIMUM	9.0 MAXIMUM		ONCE/MONTH	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****			*****	*****	< 5	(19)	0
OIL & GREASE	SAMPLE	*****	*****			*****	*****	15 DAILY MX	ONCE/MONTH	GRAB
00556 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****			*****	*****	MGL		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE	0.15	*****	(03)	*****	*****	*****		0	04/30
50050 1 0 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT DAILY AV	*****	MGD	*****	*****	*****		ONCE/MONTH	RC
	SAMPLE									
	MEASUREMENT									
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## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
 ADDRESS BROOKHAVEN NATIONAL LABORATORY  
 UPTON NY 11973  
 FACILITY BROOKHAVEN NATIONAL LABORATORY  
 LOCATION UPTON NY 11973  
 ATTN: GEORGE MALOSH, GROUP MGRR

NY0005835	002 Q	Discharge Number
Permit Number		
Monitoring Period		
From	To	
YR	MO	DAY
03	10	01
01	03	12
03	12	31

\*\*\* No Discharge 

\*\*\*\*

Note: Read Instructions before completing this form

PARAMETER		QUANTITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
ALUMINUM, TOTAL (AS AL)	See Note 1	SAMPLE	*****	*****	*****	*****	*****	*****	(19)	0	01/90	GR
01105 1 0 1 EFFLUENT GROSS VALUE		MEASUREMENT	*****	*****	*****	*****	*****	*****				
CHLOROFORM		SAMPLE	*****	*****	*****	*****	*****	*****				
32106 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	*****	*****	*****	*****	*****	*****				
1,1,1-TRICHLORO- ETHANE		SAMPLE	*****	*****	*****	*****	*****	*****				
34506 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	*****	*****	*****	*****	*****	*****				
DICHLOROBROMOMETHANE		SAMPLE	*****	*****	*****	*****	*****	*****				
EFFLUENT 32101 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	*****	*****	*****	*****	*****	*****				
1-HYDROXY-ETHYLIDENE MEASUREMENT		SAMPLE	*****	*****	*****	*****	*****	*****				
85812 1 0 0 EFFLUENT GROSS VALUE		PERMIT	*****	*****	*****	*****	*****	*****				
TOLYTRIAZOLE	See Note 8	SAMPLE	*****	*****	*****	*****	*****	*****				
85813 1 0 0 EFFLUENT GROSS VALUE		MEASUREMENT	*****	*****	*****	*****	*****	*****				
		PERMIT	*****	*****	*****	*****	*****	*****				
		SAMPLE	*****	*****	*****	*****	*****	*****				
		MEASUREMENT	*****	*****	*****	*****	*****	*****				
		PERMIT	*****	*****	*****	*****	*****	*****				
		REQUIREMENT	*****	*****	*****	*****	*****	*****				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.											
Mr. Michael Holland Area Office Manager												Telephone 631-344-3424
Comments and Explanation of any violations (Reference all attachments here)												Date Signed
NO ADDITIONAL WATER TREATMENT CHEMICAL ADDITIVES W/O PRIOR NYSDEC APPROVAL. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS. SAMPLING TO BE DOWNSTREAM OF WHERE EXISTING DISCHARGE MIXES WITH COOLING TOWER BLOWDOWN FROM STAR DETECTOR.												

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME US DOE  
 ADDRESS BROOKHAVEN NATIONAL LABORATORY  
 UPTON NY 11973  
 FACILITY BROOKHAVEN NATIONAL LABORATORY  
 LOCATION UPTON NY 11973  
 ATTN: GEORGE MALOSH, GROUP MGSR

NY0005835	002 R	(SUBR 01)
Permit Number	Discharge Number	F - FINAL
Monitoring Period		RF(1004) & BRAHMS(1002) BLOWDN
From	To	<input type="checkbox"/> *** No Discharge
YR	MO	DAY
03	10	01 03 12 31

Note: Read Instructions before completing this form

PARAMETER	QUALITY OR LOADING				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM			
1-HYDROXY-ETHYLIDENE 85812 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	< 0.05	(19) 0	01/90 GR
TOLYTRIAZOLE 85813 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ***** *****	***** ***** ***** *****	***** ***** ***** *****	0.5 DAILY MX	(19) 0	QTRLY GRAB
	SAMPLE MEASUREMENT PERMIT REQUIREMENT				0.0055 DAILY MX	(19) 0	01/90 GR
	SAMPLE MEASUREMENT PERMIT REQUIREMENT				0.2 DAILY MX	(19) 0	QTRLY GRAB
	SAMPLE MEASUREMENT PERMIT REQUIREMENT						
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	SAMPLE MEASUREMENT PERMIT REQUIREMENT						
NAMETITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						
Mr. Michael Holland Area Office Manager							
Typed or Printed							
Comments and Explanation of any violations (Reference all attachments here) DISCHARGE MAY BE DIRECTED TO SURROUNDING LOW LYING AREA INSIDE THE ROADWAY THAT IS INSIDE RHIC RING. ONCE STORMWATER COLLECTION SYSTEM IS EXTENDED TO BLDG 1010 & A NEW RECHARGE BASIN IS CONSTRUCTED, DISCHARGE SHOULD BE DIRECTED TO THE NEW BASIN.	Telephone 631-344-3424						
	Date Signed						

Signature of Principal Executive Officer or Authorized Agent

Type or Printed

Comments and Explanation of any violations (Reference all attachments here)  
DISCHARGE MAY BE DIRECTED TO SURROUNDING LOW LYING AREA INSIDE THE ROADWAY THAT IS INSIDE RHIC RING. ONCE STORMWATER COLLECTION SYSTEM IS EXTENDED TO BLDG 1010 & A NEW RECHARGE BASIN IS CONSTRUCTED, DISCHARGE SHOULD BE DIRECTED TO THE NEW BASIN.



PERMITTEE NAME/ADDRESS (*Include Facility Name/Location if Different*)

NAME      U S D O E  
ADDRESS    BROOKHAVEN NATIONAL LABORATORY

UPTON     NY 11973  
BROOKHAVEN AREA OFFICE

FACILITY    BROOKHAVEN NATIONAL LABORATORY  
LOCATION   UPTON     NY 11973

ATTN:      GEORGE MALOSH, GROUP MGR

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

NY0005835	005 Q	(SUBR 01)
Permit Number	F - FINAL	

Monitoring Period  
From      To  
YR     MO    DAY    YR     MO    DAY  
03    10    01    03    12    31

\*\*\* No Discharge   

Note: Read Instructions before completing this form

PARAMETER	QUANTITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
COPPER, TOTAL (AS CU)      See Note 1	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	0.0036	(19)	0	01/90
01042 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	1.0	DAILY MX	QTRLY	GRAB
1-HYDROXY-ETHYLIDENE 85812 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	< 0.05	(19)	0	01/90
TOLYTRIAZOLE 85813 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	0.5	DAILY MX	QTRLY	GRAB
	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	< 0.005	(19)	0	01/90
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****	0.2	DAILY MX	QTRLY	GRAB
	SAMPLE MEASUREMENT										
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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

NAME U S D O E

ADDRESS BROOKHAVEN NATIONAL LABORATORY

UPTON BROOKHAVEN AREA OFFICE

NY 11973

FACILITY UPTON BROOKHAVEN NATIONAL LABORATORY

NY 11973

LOCATION UPTON GEORGE MALOSH, GROUP MGR

ATTN: GEORGE MALOSH, GROUP MGR

MAJOR PERMIT NUMBER NY00056835	010 M	
	Discharge Number	
Monitoring Period	From	To
YR	MO	DAY
03	10	01
YR	MO	DAY
03	10	03
YR	MO	DAY
03	10	12
YR	MO	DAY
03	10	31

\*\*\* No Discharge

\*\*\*\* \*

Note: Read Instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM			
FLOW RATE	SAMPLE	*****	144000	(07)	*****	*****	*****	0	01/30 IN
00056 1 0 0	MEASUREMENT	*****	REPORT DAILY MX	GPD	*****	*****	*****		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		
PH	SAMPLE	*****	*****	*****	*****	*****	*****		
00400 1 0 0	MEASUREMENT	*****	*****	*****	*****	*****	*****		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		
OIL & GREASE	SAMPLE	*****	*****	*****	*****	*****	*****		
00556 1 0 0	MEASUREMENT	*****	*****	*****	*****	*****	*****		
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	*****		
	SAMPLE								
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NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Mr. Michael Holland  
Area Office Manager

Typed or Printed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Telephone  
631-344-3424

Date Signed  
Signature of Principal Executive  
Officer or Authorized Agent

Comments and Explanation of any violations (Reference all attachments here)  
PARAMETERS EXCEPT FOR FLOW TO BE SAMPLED MONTHLY DURING A STORM EVENT. (IF NO DISCHARGE, ENTER AN "X" IN THE "NO DISCHARGE" BOX AT THE UPPER RIGHT.) SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS



## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

NAME US DOE  
ADDRESS BROOKHAVEN NATIONAL LABORATORY  
UPTON NY 11973  
FACILITY BROOKHAVEN NATIONAL LABORATORY  
LOCATION UPTON NY 11973  
ATTN: GEORGE MALOSH, GROUP MGRR

## DISCHARGE MONITORING REPORT (DMR)

MAJOR  
(SUBR 01)  
F - FINAL

NY0005835  
Permit Number  
Monitoring Period  
From To  
YR MO DAY YR MO DAY  
03 10 01 03 12 31

\*\*\* No Discharge

\*\*\* No Discharge

Note: Read Instructions before completing this form

PARAMETER	QUANTITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
PH	SAMPLE	*****	*****		7.1	*****	7.6	(12)	0	04/30	GR
00400 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT	*****	*****	*****	REPORT	*****	9.0			ONCE/MONTH	GRAB
OIL & GREASE	SAMPLE	*****	*****		MINIMUM	*****	SU				
00556 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT	*****	*****	*****	*****	< 5	(19)	0	01/30	GR	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE	*****	*****	*****	*****	15	DAILY MIX			ONCE/MONTH	
50050 1 0 1 EFFLUENT GROSS VALUE	MEASUREMENT	0.002	*****	(03)	*****	*****	M/G/L				
	PERMIT	REPORT DAILY AV	*****	MGD	*****	*****		0	04/30	RC	RCORDR
	SAMPLE				*****	*****					
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	REQUIREMENT										

## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

NAME US DOE

ADDRESS BROOKHAVEN NATIONAL LABORATORY  
UPTON NY 11973FACILITY UPTON  
LOCATION NY 11973  
ATTN: GEORGE MALOSH, GROUP MGR

DISCHARGE MONITORING REPORT (DMR)  
**MAJOR**  
 Permit Number **06A Q**  
**Monitoring Period**  
 From **To**  
 YR MO DAY YR MO DAY  
 03 10 01 03 12 31

**LINAC NCCW, FLOOR DNS, SW (HT1)**  
 \*\*\* No Discharge

Note: Read Instructions before completing this form

PARAMETER		QUALITY OR LOADING				QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
1-HYDROXY-ETHYLIDENE 86812 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	< 0.05	(19)	0	01/90	GR	
TOLYTRIAZOLE 86813 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT SAMPLE MEASUREMENT	*****	*****		*****	*****	0.5	DAILY MX	M/G/L	QTRLY	GRAB	
	PERMIT REQUIREMENT SAMPLE MEASUREMENT	*****	*****		*****	*****	< 0.005	(19)	0	01/90	GR	
	PERMIT REQUIREMENT SAMPLE MEASUREMENT	*****	*****		*****	*****	0.2	DAILY MX	M/G/L	QTRLY	GRAB	
	PERMIT REQUIREMENT SAMPLE MEASUREMENT											
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<b>NAME/TITLE PRINCIPAL EXECUTIVE OFFICER</b>	Mr. Michael Holland Area Office Manager	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage this system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.										Comments and Explanation of any violations (Reference all attachments here)
												Telephone 631-344-3424
												Date Signed
												Signature of Principal Executive Officer or Authorized Agent

NO ADDITIONAL WATER TREATMENT CHEMICAL ADDITIVES W/O PRIOR NYSDEC APPROVAL.

SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS



## PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

## NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

## DISCHARGE MONITORING REPORT (DMR)

NAME US DOE  
 ADDRESS BROOKHAVEN NATIONAL LABORATORY  
 UPTON NY 11973  
 FACILITY BROOKHAVEN NATIONAL LABORATORY  
 LOCATION UPTON NY 11973  
 ATTN: GEORGE MALOSH, GROUP MGR

NY00056835  
 Permit Number 06B Q  
 Monitoring Period Discharge Number  
 From To  
 YR MO DAY YR MO DAY  
 03 10 01 03 12 31

MAJOR  
 (SUBR 01)  
 F - FINAL  
 COOLG TOWRS FROM 919 ETC (HT2)  
 \*\*\* No Discharge

Note: Read instructions before completing this form

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM				
1-HYDROXY-ETHYLIDENE 85812 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.05	(19)	0	01/90 GR	
TOLYTRIAZOLE 85813 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.5 DAILY MX	MG/L	QTRLY	GRAB	
	SAMPLE MEASUREMENT	*****	*****	*****	*****	< 0.005	(19)	0	01/90 GR	
	PERMIT REQUIREMENT	*****	*****	*****	*****	0.2 DAILY MX	MG/L	QTRLY	GRAB	
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	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.								Signature of Principal Executive Officer or Authorized Agent
	Mr. Michael Holland Area Office Manager									Telephone 631-344-3424
	Type or Printed	Comments and Explanation of any violations (Reference all attachments here)								Date Signed
	NO ADDITIONAL WATER TREATMENT CHEMICAL ADDITIVES W/O PRIOR NYSDEC APPROVAL. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS.									

**ATTACHMENT II**

**BROOKHAVEN NATIONAL LABORATORY**

**SPDES PERMIT NO. NY0005835**

**DISCHARGE MONITORING REPORT FOR DECEMBER 2003**

**NON-COMPLIANCE REPORT**

**SECTION 1**

*New York State Department of Environmental Conservation  
Division of Water*



## **Report of Noncompliance Event**

To: DEC Water Contact R. Sorrentino

DEC Region: 1

Report Type: 5 Day  Permit Violation  Order Violation  Anticipated Noncompliance  Bypass/Overflow

**SECTION 2**

SPDES #: NY- 0005835

Facility: U.S. Department of Energy Brookhaven National Laboratory

Date of noncompliance: 10 / 10 / 03 Location (Outfall, Treatment Unit, or Pump Station): 002

Description of noncompliance(s) and cause(s): The tolytriazole concentration at Outfall 002 measured on October 10, 2003, was 0.99 mg/L, which exceeds the permit level of 0.2 mg/L. An investigation revealed that the restart of cooling Tower #7 after maintenance with higher doses of water treatment chemicals (WTCs) to condition the system coupled with a significant loss of tower water (i.e., a leak) as the most probable cause of the exceedance.

Has event ceased? (Yes) (No) If so, when? 11/6/03 Was event due to plant upset? (Yes) (No) SPDES limits violated? (Yes) (No)

Start date, time of event: 10/10/03, 2 : 00 (AM) (PM) End date, time of event: 11/06/03, 9:12 (AM) (PM)

Date, time oral notification made to DEC? / /, : : (AM) (PM) DEC Official contacted: \_\_\_\_\_

Immediate corrective actions: Tower #7 could not be shut down to find the leak because it would adversely impact the operation of the RHIC facility. Therefore the WTC feed to the tower was stopped until the leak could be found and repaired.

Preventive (long term) corrective actions: During the week of November 10, 2003, a leak in the cooling tower system was found and isolated. Water treatment chemical additions were restarted once repairs were completed and restart approval by the Environmental and Waste Management Services Division. Testing by the WTC supplier shows all treatment residuals to be normal.

**SECTION 3**

Complete this section if event was a bypass:

Bypass amount: \_\_\_\_\_

Was prior DEC authorization received for this event? (Yes) (No)

DEC Official contacted: \_\_\_\_\_

Date of DEC approval: / /

Describe event in "Description of noncompliance and cause" area in Section 2. Detail the start and end dates and times in Section 2 also.

**SECTION 4**

Facility Representative: \_\_\_\_\_

Title: \_\_\_\_\_

Date: / /

Phone #: (    ) -    Fax #: (    ) -   

I Certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

X

Signature of Principal Executive  
Officer or Authorized Agent