



120 E. Fifth Ave., Bldg. 860
P. O. Box 5000
Upton, NY 11973-5000
Phone 631 344-4549
Fax 631 344-7334
goode@bnl.gov

Managed by Brookhaven Science Associates
for the U.S. Department of Energy

December 16, 2003

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 November 2003

Included as Attachment I, please find the DMR for the month of November 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 BOD₅, Nitrogen series, and fecal coliform analyses due to sample holding times. Copies of the analytical reports are contained in Attachments II and III. 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.

The analytical data shows that all parameters met their respective SPDES effluent limitations this reporting period. 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 the BNL analytical services laboratory. 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 November 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.

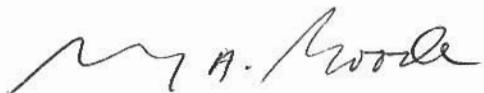


NSF's Registration Program
is accredited by the American
National Standards Institute-
Registration Accreditation Board

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 December 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 November 2003.

Attachment II: Analytical Results from H2M Labs Inc. and Severn Trent Laboratories, Inc. for samples collected on 11/3/03 and 11/6/03 from Outfall 001.

Attachment V: Analytical Results from Severn Trent Laboratories, Inc. for samples collected from Outfalls 002, 002B, 005, 006A, 006B, 008, and 010.

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

EC62ER.03

ATTACHMENT I

BROOKHAVEN NATIONAL LABORATORY

SPDES PERMIT NO. NY0005835

DISCHARGE MONITORING REPORT FOR NOVEMBER 2003

FOR OUTFALLS NO. 001 – 010

Brookhaven National Laboratory
SPDES Permit No. NY0005835
Discharge Monitoring Report for November 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. Flow is estimated based upon an instantaneous flow measurement and the assumption that flow continued for the entire day (i.e., 1,440 minutes).
3. Since flow records are maintained on a weekly or monthly basis, the flow rate provided is the daily average.

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 MGR

NY00058355
Permit Number
Monitoring Period
From To
YR MO DY YR MO DY
03 11 01 03 11 30

*** 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			
TEMPERATURE, WATER DEG. FAHRENHEIT	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	***** ***** *****	64 90 DAILY MX	(15) 0 DEG.F	0 01/01 DAILY	GRAB
00011 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 2 10 DAILY AV	< 2 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	5.9 5.8 MINIMUM	***** ***** MAXIMUM	(12) 0 SU	0 01/01 DAILY	GRAB
00310 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
PH	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	5.9 5.8 MINIMUM	***** ***** MAXIMUM	(12) 0 SU	0 01/01 DAILY	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
SOLIDS, SETTLEABLE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
00545 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
NITROGEN, TOTAL (AS N)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
00600 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
00610 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** *****	***** ***** *****	***** ***** *****	< 1 10 DAILY AV	< 1 20 DAILY MX	(19) 0 MGL	0 02/30 ONCE/MONTH	24 COMP24
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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 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		Quantities or Concentrations of Radioactivity in Effluent are subject to Requirements of the USDOE INCL BUT NOT LIMITED TO USDOE ORDER 5400.5.			Signature of Principal Executive Officer or Authorized Agent			Date Signed	

Comments and Explanation of any violations (Reference all attachments here)
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 EXFLIT FROM SFBS. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME US DOE
 ADDRESS BROOKHAVEN NATIONAL LABORATORY

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

NY0005835 001 M
 Permit Number Discharge Number
 (SUBL 01)
 F - FINAL
 Monitoring Period
 From To
 YR MO DY YR MO DY
 03 11 01 03 11 30
 MAJOR
 PROCESS SANIT & STORMWTR RNOFF

 *** 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			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	*****	0.9	(19)	0	0/2/30	24
00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	REPORT DAILY MX	M/G/L		ONCE/MONTH	COMP24	
CYANIDE, TOTAL (AS CN)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	< 5	(28)	0	0/2/30	GR	
00720 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	100 DAILY MX	U/G/L		TWICE/MONTH	GRAB	
COPPER, TOTAL (AS CU)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.039	(19)	0	0/2/30	24	
01042 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.15 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
IRON, TOTAL (AS FE)	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.070	(19)	0	0/2/30	24	
01045 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.37 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
LEAD, TOTAL (AS PB)	See Note 1 SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.0018	(19)	0	0/2/30	24	
01051 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.019 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
NICKEL, TOTAL (AS NI)	See Note 1 SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.0043 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
01067 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.11 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
SILVER, TOTAL (AS AG)	See Note 1 SAMPLE MEASUREMENT PERMIT REQUIREMENT	***** ***** ****	*****	0.0012 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
01077 1 0 0 EFFLUENT GROSS VALUE	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	***** ***** ****	*****	0.015 DAILY MX	M/G/L		ONCE/MONTH	COMP24	
Mr. Michael Holland Area Office Manager	Comments and Explanation of any violations (Reference all attachments here)	Telephone 631-344-3424	Date Signed						
Typed or Printed	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 EXFLT from SFB's. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS								

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.

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 MGR

NY0005835
Permit Number 001 M
Monitoring Period Discharge Number (SUBR 01)
From To F - FINAL
YR MO DY YR MO DY
03 11 01 03 11 30
*** No Discharge

PARAMETER	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
	AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM UNITS			
ZINC, TOTAL (AS ZN)	SAMPLE *****	*****	UNITS	*****	*****	0.09 (19)	0	0/2/30	24
01092 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	0.1 DAILY MX		ONCE/MONTH	COMP24
TOLUENE	SAMPLE *****	*****	UNITS	*****	*****	< 5 (28)	0	0/2/30	GR
34010 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	DAILY MX		TWICE/MONTH	GRAB
METHYLENE CHLORIDE	SAMPLE *****	*****	UNITS	*****	*****	< 5 (28)	0	0/2/30	GR
34423 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	DAILY MX		TWICE/MONTH	GRAB
1,1,1-TRICHLORO-ETHANE	SAMPLE *****	*****	UNITS	*****	*****	< 5 (28)	0	0/2/30	GR
34506 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	DAILY MX		TWICE/MONTH	GRAB
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE 0.35	0.51	UNITS	(03)	*****	***** (19)	0	99/99	RC
50050 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	DAILY MX		CONTINUOUS	RCORDR
MERCURY, TOTAL (AS HG) See Note 1	SAMPLE *****	*****	UNITS	*****	*****	0.0001 (19)	0	0/2/30	24
71900 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	DAILY MX		ONCE/MONTH	COMP24
COLIFORM, FECAL GENERAL	SAMPLE *****	*****	UNITS	*****	*****	2 (13)	0	0/2/30	GR
74055 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	*****	DAILY AV	#/ 100ML	ONCE/MONTH	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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 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		Comments and Explanation of any violations (Reference all attachments here) QUANTITIES OR CONCENTRATIONS OF RADIOACTIVITY IN EFFLUENT ARE SUBJECT TO REQUIREMENTS OF THE USEOE INCL BUT NOT LIMITED TO USEOE ORDER 5400.5. APPROX 15% OF STP DISCHARGE CAN BE TO GW VIA EXFILT FROM SFBS. SEE PERMIT FOR ADDITIONAL NOTES, COMMENTS AND REQUIREMENTS							
		Signature of Principal Executive Officer or Authorized Agent							
		Date Signed							
		Telephone 631-344-3424							

Note: Read Instructions before completing this form
PROCESS SANIT & STORMWTR RN0FF

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

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

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

PARAMETER	QUANTITY		AVERAGE	MAINTENANCE
	SAMPLE	MEASUREMENT		
PH	SAMPLE	*****	*	*
00400 1 0 0	MEASUREMENT	*****		
EFFLUENT GROSS VALUE	PERMIT	*****		
OIL & GREASE	REQUIREMENT	*****		
00556 1 0 0	SAMPLE	*****	*	*
EFFLUENT GROSS VALUE	MEASUREMENT	*****		
FLOW, IN CONDUIT OR	PERMIT	*****		
THRU TREATMENT PLANT	REQUIREMENT	*****		
050050 1 0 0	See Note 3	*****		
EFFLUENT GROSS VALUE	SAMPLE	*****		
	MEASUREMENT	*****		
	PERMIT	*****		
	REQUIREMENT	*****		
	SAMPLE	*****		
	MEASUREMENT	*****		
	PERMIT	*****		
	REQUIREMENT	*****		
	SAMPLE	*****		
	MEASUREMENT	*****		
	PERMIT	*****		
	REQUIREMENT	*****		
	SAMPLE	*****		
	MEASUREMENT	*****		
	PERMIT	*****		
	REQUIREMENT	*****		
	SAMPLE	*****		
	MEASUREMENT	*****		
	PERMIT	*****		
	REQUIREMENT	*****		
	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I certify under penalty of perjury in a civil or criminal proceeding that the information contained in this document is true and accurate to the best of my knowledge.	
Mr. Michael Holland Area Office Manager			and evaluate the information system, or those persons best of my knowledge.	
	Typed or Printed			

Condemnation of new viaticus (Data orance all attachmentments haral

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

Date Signed

631-344-3424

ମୋହନ ପାତ୍ର

Signature of Principal Executive
Officer or Authorized Agent

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.

Date Signed

Re of Principal Executive
or Authorized Agent

Signature
Office

I am aware that the possibility of fine and imprisonment, including the possibility of fine and imprisonment

System, or those persons directly responsible for my knowledge and belief, true for submitting false information, inc

ped or Printed

Ty

10 of 10

卷之三

卷之三

卷之三

Comments here)

of any violations (Beforeence all attach

Comments and Errata

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

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

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 MGR

DISCHARGE MONITORING REPORT (DMR)		
NY0005835 Permit Number	002 M Discharge Number	MAJOR (SUBR 01)
Monitoring Period		F - FINAL
From YR MO DY	To MO DY	
03 11 01	11 03 11	

*** 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 ****	*****		6.8	*****	7.5	(12)	0	04/30
	MEASUREMENT PERMIT REQUIREMENT	*****		REPORT MINIMUM	*****	9.0 MAXIMUM		ONCE/MONTH	GRAB
OIL & GREASE	SAMPLE *****	*****		*****	*****	< 5	(19)	0	01/30
	MEASUREMENT PERMIT REQUIREMENT	*****		*****	*****	15 DAILY MX	MG/L	ONCE/MONTH	GRAB
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE 0.14	*****	(03)	*****	*****			0	04/30
	MEASUREMENT PERMIT REQUIREMENT	REPORT DAILY AV	MGD	*****	*****				RC
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****		*****	*****				RCORDR
	PERMIT REQUIREMENT								
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	*****		*****	*****				
50050 1 0 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****		*****	*****				
	PERMIT REQUIREMENT								
	SAMPLE MEASUREMENT	*****							

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 MGR

PARAMETER	QUANTITY OR LOADING		QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
	AVERAGE	MAXIMUM UNITS	MINIMUM	AVERAGE	MAXIMUM UNITS					
FLOW RATE	SAMPLE ***** See Note 2	52800 (07)	*****	*****	*****	*****	0	01/30	IN	
00056 1 0 0 EFFLUENT GROSS VALUE	MEASUREMENT PERMIT REQUIREMENT	REPORT DAILY MX	GPD	*****	*****	*****	****	ONCE/MONTH	INSTAN	
PH	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	7.3	*****	7.3	(12)	0	01/30	GR	
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	REPORT MINIMUM	*****	8.5 MAXIMUM	SU	****	ONCE/MONTH	GRAB	
OIL & GREASE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	< 5	(19)	0	01/30	GR	
00556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	DAILY MX	MG/L	****	ONCE/MONTH	GRAB	
1,1-DICHLOROETHYLENE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	5 DAILY MX	UG/L	****	ONCE/MONTH	GRAB	
34501 1 0 0 EFFLUENT GROSS VALUE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	5 DAILY MX	UG/L	****	ONCE/MONTH	GRAB	
1,1,1-TRICHLORO-ETHANE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	5 DAILY MX	UG/L	****	ONCE/MONTH	GRAB	
34506 1 0 0 EFFLUENT GROSS VALUE	SAMPLE ***** MEASUREMENT PERMIT REQUIREMENT	*****	*****	*****	5 DAILY MX	UG/L	****	ONCE/MONTH	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.									
Mr. Michael Holland Area Office Manager									Telephone	631-344-3424
Typed or Printed									Signature of Principal Executive Officer or Authorized Agent	Date Signed

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.

