



**Rocky Mountain  
Remediation Services, L.L.C.**  
... protecting the environment

Rocky Flats Environmental Technology Site  
P.O. Box 464  
Golden, Colorado 80402-0464  
Phone: (303) 966-2678  
Fax: (303) 966-8244

1/F100

CORRES. CONTROL  
OUTGOING LTR NO.

November 20, 1995



95-RF-08824  
95-RM-ER-00020-DOE

DOE ORDER # 4700.1  
95RF08824

000060072

DIST.	LTR	ENC
Bengal, P.		
Benson, C. A.		
Buddy, M. S.		
Evans, C. S.		
Findley, M.		
Guinn, G.		
Guinn, L.		
Hopkins, J.		
Jenkins, K.		
Jierree, C.		
Konwinski, G.		
Law, J. E.	X	X
Luker, R.S.		
McAnally, J. L.	X	X
McHugh, M. F.		
Motyl, K. M.		
Parker, A. M.	X	X
Primrose, A. L.		
Power, A.		
Schubbe, D. L.		
Steffen, D. E.		
Tyson, A. M.		
Zeile, H.		
<u>Dickstein, L.</u>	X	X
<u>Fehring, R.</u>	X	X

James K. Hartman  
Site Support and Security  
DOE, RFFO

Attn: C. L. Row

MONTHLY DISCHARGE MONITORING REPORT - NPDES Permit No. CO-0001333 - JLM-00115-95

Action: Transmittal to EPA and CDPHE

The October 1995 Discharge Monitoring Report (DMR), required by the Rocky Flats Plant National Pollutant Discharge Elimination System (NPDES) Permit, is attached.

No spray irrigation occurred from Pond B-3 during the month of October 1995. There was continuous discharge from Pond B-3 (Outfall 001) and the Sewage Treatment Plant (Outfall STP). The Reverse Osmosis Pilot Plant (Outfall 003 and 004) did not operate or discharge during this reporting period.

During the month of October 1995, Pond A-3 (Outfall 002), discharged continuously from October 16, 1995, through October 20, 1995. No discharge occurred from Pond A-4 (Outfall 005), Ponds B-5 (Outfall 006) or C-2 (Outfall 007) during October. Pond B-5 (Outfall 005) transferred to Pond A-4 (Outfall 005) from October 4, 1995, through October 16, 1995.

On October 5, 1995, Site personnel determined that the automated sampler at the Sewage Treatment Plant (Outfall STP) had no power and had not collected the composite sample required by the permit for that day for total suspended solids (TSS), total phosphorus (tot. P) and carbonaceous biochemical oxygen demand, 5-day test (CBOD5). A grab sample was collected for these parameters. Inquires determined that a maintenance operation was ongoing at the STP and has resulted in a temporary loss of power to the sampler. The sampler was back on line and collecting samples by the following day. All other samples collected from this location for the month were composited in accordance with the permit.

It is necessary that the Principal Executive Officer sign and date the letter and the DMR forms. Per verbal request of the U. S. Environmental Protection Agency (EPA), forms for those discharge points which were not active are included with the notation of "No Discharge." Additional monitoring data as required by the NPDES Federal Facilities Compliance Agreement is attached on a separate sheet.

The NPDES permit requires that the report be postmarked no later than November 28, 1995, and be sent to the following:

Mr. Steve Burkett, Chief  
NPDES Branch (8 WM-C)  
Water Management Division  
U. S. E. P. A., Region VIII  
999 - 18th Street, Suite 500  
Denver, CO 80202-2466

Colorado Department of Public Health and Environment  
Attention: Mr. Robert Shukle  
Monitoring and Enforcement Section  
WQCD - PE - B2  
4300 Cherry Creek Drive South  
Denver, CO 80222-1530

ER REC CTR (2)	X	X
CORRES. CONTROL	X	X
RMRS CC	X	X
TRAFFIC		

CLASSIFICATION		
UCNI		
UNCLASSIFIED	X	X
CONFIDENTIAL		
SECRET		

AUTHORIZED CLASSIFIER  
SIGNATURE

DOCUMENT CLASSIFICATION

REVIEW WAIVER PER

CLASSIFICATION OFFICE

DATE

IN REPLY TO RFP CC NO:

NONE

ACTION ITEM STATUS

OPEN  CLOSED

PARTIAL

LTR APPROVALS:

ORIG & TYPIST INITIALS:

LAD dal

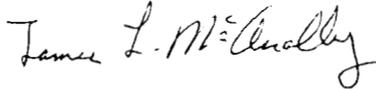
ADMIN RECCRD

BZ-A-000333

James K. Hartman  
November 20, 1995  
95-RF-08824  
Page 2

If you have any questions or desire additional information, please contact K. M. Motyl at extension 2172.

I certify that, to the best of my knowledge and that of my staff, the information used to fill out the DMR is complete and accurate.



James L. McAnally, President  
RMRS, L.L.C.

LAD:dql

Orig. and 1 cc - J. K. Hartman

Attachments:  
As Stated

cc:  
R. G. Card - Kaiser-Hill - w/o Attach.  
G. H. Setlock - Kaiser-Hill - " "  
D. A. Ward - Kaiser-Hill - " "

22.053.F

Sewage Treatment Plant Effluent Metals Data

Metal, total	Result, ug/l
	<u>10/04/95</u>
Antimony	<19.0
Arsenic	<2.0
Beryllium	<1.0
Cadmium	<0.1
Copper	5.8 B
Iron	54.7 B
Lead	<1.0
Manganese	21.6
Mercury	<0.2
Nickel	<10.0
Silver	0.35 B
Zinc	27.1

B - Absolute value of the analyzed result is less than the Contract Required Detection Limit (CRDL).

Sewage Treatment Plant Effluent Volatile Organic Compound Data

VOC	Result, ug/l
	<u>10/04/95</u>
Benzene	<5
Bromoform	<5
Carbon Tetrachloride	<5
Chlorobenzene	<5
Chlorodibromomethane	<5
Chloroethane	<10
Chloroform	7 J
Dichlorobromomethane	<5
1,1-Dichloroethane	<5
1,2-Dichloroethane	<5
1,1-Dichloroethylene	<5
1,2-Dichloropropane	<5
1,3-Dichloropropylene	<5
Ethylbenzene	<5
Methyl bromide	<10
Methyl chloride	<10
Methylene chloride	<5
1,1,2,2-Tetrachloroethane	<5
Tetrachloroethylene	<5
Toluene	<5
1,2-Trans-dichloroethylene	<5
1,1,1-Trichloroethane	<5
1,1,2-Trichloroethane	<5
Trichloroethylene	<5
Vinyl chloride	<10

J - Compound found, but below Practical Quantitation Limit (PQL). Quantitation is estimate.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**USDOE-ROCKY FLATS PLANT**  
 ADDRESS **P O BOX 928**  
**GOLDEN**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (17-19)  
**STP A**  
 DISCHARGE NUMBER

Attachment #2  
 JLM-00115-95  
 Page 1 of 7  
 Form Approved  
 OMB No. 2040-0004  
**MAJOR**  
**F - FINAL DISCHARGE FROM VAUGHAN TO STP A PT**  
**Continuous Discharge 10/1/95 - 10/31/95**  
**\*\*\* NO DISCHARGE \*\*\***

MONITORING PERIOD  
 YEAR **95** MO **10** DAY **31**  
 TO YEAR **95** MO **10** DAY **31**

QUANTITY OR LOADING (34-61)  
 AVERAGE **\*\*\*\*\***  
 MINIMUM **6.7**  
 MAXIMUM **7.3**

ATTN: **JAMES K HARTMAN**  
 QUALITY OR CONCENTRATION (54-61)  
 AVERAGE **\*\*\*\*\***  
 MINIMUM **6.7**  
 MAXIMUM **7.3**

PARAMETER (12-17)	QUANTITY OR LOADING (34-61)			QUALITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (47-53)	UNITS (48-53)	AVERAGE (46-53)	MINIMUM (48-53)	MAXIMUM (54-61)			
PH	*****	*****	*****	*****	*****	*****	0	7/7	grab
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	DAILY	GRAB
SOLIDS, TOTAL	*****	*****	*****	*****	*****	*****	0	2/7	COMP.
SUSPENDED	*****	*****	*****	*****	*****	*****	0	TWICE/	COMPOS
00530 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEK	WEEK
OIL AND GREASE	*****	*****	*****	*****	*****	*****	n/a	N/A	N/A
FREON EXTR-GRAV METH	*****	*****	*****	*****	*****	*****	0	DAILY	GRAB
00550 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEK	WEEK
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****	*****	*****	*****	0	2/7	COMP.
00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	TWICE/	COMPOS
CHROMIUM, TOTAL (AS CR)	*****	*****	*****	*****	*****	*****	0	WEEK	WEEK
01034 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	1/7	COMP.
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	*****	*****	*****	*****	*****	0	WEEKLY	COMPOS
50050 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEKLY	COMPOS
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	*****	0	WEEKLY	COMPOS
50060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****	0	WEEKLY	COMPOS

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY KNOWLEDGE AND BELIEF, I BELIEVE THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 U.S.C. § 1001 AND 33 U.S.C. § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 3 years.)

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**James K. Hartman**  
**Asst. Mgr., DOE/RFFO**

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER  
 OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 DATE

TYPED OR PRINTED

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
**IF THERE IS A VISIBLE SHEEN OF OIL AND GREASE REPORTED, A GRAB SAMPLE MUST ALSO BE TAKEN AND REPORTED ON THIS DMR. IF NO VISIBLE SHEEN WAS REPORTED THEN OIL AND GREASE, 00550, SHOULD BE REPORTED AS NO DISCHARGE FOR THE MONTH.**

AREA CODE NUMBER YEAR MO DAY







PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)  
**USDOE-ROCKY FLATS PLANT**  
 ADDRESS **0 BOX 928**  
**GOLDEN**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)  
 (17-19)  
**C00001333**  
 PERMIT NUMBER  
**005 A**  
 DISCHARGE NUMBER

MAJOR  
**F - FINAL**  
**POND A-4**  
 Form Approved.  
 OMB No. 2040-0004  
 Approval expires 10-31-94

MONITORING PERIOD  
 YEAR MO DAY TO YEAR MO DAY  
**95 10 01** TO **95 10 31**  
 (20-21) (22-23) (24-25) (26-27) (28-29) (30-31)  
 (46-53)

ATTN: **JAMES K HARTMAN**  
 \*\*\* NO DISCHARGE \*\*\*  
 NOTE: Read instructions before completing this form.

PARAMETER (12-17)	QUANTITY OR LOADING (54-61)			QUANTITY OR CONCENTRATION (54-61)			NO. EX (62-63)	FREQUENCY OF ANALYSIS (64-68)	SAMPLE TYPE (69-70)
	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)	AVERAGE (46-53)	MAXIMUM (54-61)	UNITS (54-61)			
FLOW RATE	*****		( 03 )	*****	*****	*****			
00056 1 0 0 EFFLUENT GROSS VALUE	*****	REPORT DAILY MX MGD	*****	*****	*****	*****		DAILY INSTAN	
CHROMIUM, TOTAL (AS CR)	*****	*****	*****	*****	*****	*****			
01034 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****		ONCE/ MONTH	
DURATION OF DISCHARGE	*****	*****	*****	*****	*****	*****			
81381 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	*****		SEE NOT AP PERMIT	
SAMPLE MEASUREMENT									
PERMIT REQUIREMENT									
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  
**James K. Hartman**  
**Asst. Mgr., DOE/RFFO**  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and or maximum imprisonment of between 6 months and 5 years.)

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

D A T E

AREA CODE NUMBER YEAR MO DAY



