0000 23261

CORRES. CONTROL
INCOMING LTR NO.

00954 RF 94

DUE
DATE

ACTION

DIST.	LTR	ENC
BERMAN, H.S.		
CARNIVAL, G.J.		
COPP, R.D.		
CORDOVA, R.C.		
DAVIS, J.G.		
FERRERA, D.W.		
FRANZ, W.A.		
HANNI, B.J.		
HEALY, T.J.		
HEDAHL, T.G.		
HILBIG, J.G.		
HUTCHINS, N.M.		
KELL, R.E.		
KIRBY, W.A.		
KUESTER, A.W.		
MAHAFFEY, J.W.		
MANN, H.P.		
MARX, G.E.		
McKENNA, F.G.		
MORGAN, R.V.		
PIZZUTO, V.M.		
POTTER, G.L.		
SANDLIN, N.B.		
SATTERWHITE, D.G		
SCHUBERT, A.L.		
SETLOCK, G.H.		
STIGER, S.G.	X	X
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.		
WILSON, J.M.		
Houk R	X	X
Broussard M	X	X
Burmeister M	X	X

CORRES CONTROL	x	x
ADMN RECORD/080	X	2
PATS/T130G		

Reviewed for Addressee
Corres. Control RFP

3-10-94 Ci
DATE BY

Ref Ltr. #

DOE ORDER # 5400.1

RF-46522 (Rev. 01/94)

Department of Energy

ROCKY FLATS OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928

94-DOE-02770

MAR 0 9 1994

Mr. Federick R Dowsett, Chief
Monitoring and Enforcement Section
Hazardous Waste Control Program
Colorado Department of Health
4300 Cherry Creek Drive South
Denver, Colorado 80222-1530

Dear Mr. Dowsett,

The March 2, 1994, Department of Energy (DOE) letter (Ref: 94-DOE-02369) was submitted in response to the Colorado Department of Health (CDH) letter dated January 28, 1994. It has been noted that Enclosure 1, titled Treated Effluent Discharge Data, of the DOE response contains a typographical error.

The effluent tank number listed for the fourth data column in Enclosure 1 is listed as "TK-206". Please note that this tank number should be listed as "TK-205". The sample date for volatile organics was January 12, 1994, and the discharge date for this tank was February 15, 1994.

A corrected version of this data table is enclosed with this letter.

Sincerely,

Van Waheill
for Jessie Roberson
Acting Assistant Manager for
Environmental Restoration

Enclosure

DOCUMENT CLASSIFICATION
REVIEW WAIVER PER
CLASSIFICATION OFFICE

MAR 0 9 1994

F. Dowsett
94-DOE-02770

cc w/Enclosure:
A. Rampertaap, EM-453
J. Ciocco, EM-453.1
V. Witherall, ER, RFO
J. Pepe, ER, RFO
T. Reeves, ER, RFO
R. Houk, EG&G
M. Broussard, EG&G
M Burmeister, EG&G
G. Kleeman, EPA
J. Swanson, CDH

TREATED EFFLUENT DISCHARGE DATA

TANK #	TK-206	TK-207	TK-206	TK-205	
DATE DISCHARGED	11/19/93	12/21/93	2/15/94	2/15/94	
VOC DATE SAMPLED	10/21/93	12/1/93	12/17/93	1/12/94	ARAR
VOC SAMPLE #	FT10104RG	FT10133RG	FT10155RG	FT10159RG	
Methylene Chloride	38J	5U	5U	5U	5
Acetone	10U	10U	10U	10U	50
Carbon disulfide	5U	5U	5U	5U	5
1,1 Dichloroethene	5U	5U	5U	5U	7
1,1 Dichloroethane	5U	5U	5U	5U	5
1,2 Dichloroethane	5U	5U	5U	5U	5
1,1,1 Trichloroethane	5U	5U	5U	5U	200
Carbon Tetrachloride	5U	5U	5U	5U	5
1,1,2 Trichloroethane	5U	5U	5U	5U	5
Trichloroethene	5U	5U	5U	5U	5
Tetrachloroethene	5U	5U	5U	5U	5
Toluene	5U	5U	5U	5U	2000
Xylene			9		N/A
MET DATE SAMPLED	10/21/93	11/22/93	12/17/93	1/12/94	ARAR
MET SAMPLE #	FT10104RG	FT10129RG	FT10155RG	FT10159RG	
Aluminum	78.4U	22.5U	<100	33.4B	5000
Antimony	35.2U	22.7U	<50	18.0U	60
Arsenic	1.2U	4.8B	<5	1.0U	50
Barium	68.9B	154B	110	52.2B	1000
Beryllium	2.4U	1.7U	<5	1.0U	100
Cadmium	2.7U	2.9U	<5	4.0U	10
Chromium	3.0U	4.8U	<5	3.0U	50
Copper	2.4U	7.6B	19	8.0B	200
Iron	174	115	250	259	300
Lead	.70U	1.1U	<5	2.0U	50
Lithium	3.1B	13.6B	<10	2.4B	2500
Manganese	4.2B	5.4B	<6	4.2B	50
Mercury	.10U	.10U	<.1	.2U	2
Molybdenum	4.4U	13.7B	<10	6.0U	100
Nickel	17.8U	13.5B	<10	8.0U	200
Selenium	1.0U	5.6	<5	1.0U	10
Silver	3.4U	4.1U	<5	2.0U	50
Thallium	.90U	1.3B	<5	2.0U	10
Vanadium	3.3U	3.3U	<5	3.0U	100
Zinc	7.6B	107	35	16.7B	2000

TANK #	TK-206	TK-207	TK-206	TK-205	
DATE DISCHARGED	11/19/93	12/21/93	2/15/94	2/15/94	
WQ DATE SAMPLED	10/21/93	12/15/93	12/17/93	1/12/94	ARAR
WQ SAMPLE #	FT10104RG	FT10154RG	FT10155RG	FT10159RG	
Total Dissolved Solids	89 mg/l	83 mg/l	88 mg/l	73 mg/l	400 mg/l
Chloride	30.7 mg/l	31.6 mg/l	39 mg/l	36 mg/l	250 mg/l
Nitrate/Nitrite	.72 mg/l	.87 mg/l	.85 mg/l	.7 mg/l	10 mg/l
Sulfate	1.2 mg/l	5U mg/l	< 10 mg/l	2U mg/l	250 mg/l
pH	7.78	8.72	8.6	6.19	6 to 9
RAD DATE SAMPLED	10/21/93	11/22/93	12/17/93	1/12/94	ARAR
RAD SAMPLE #	FT10104RG	FT10129RG	FT10155RG	FT10159RG	
Gross Alpha	.587 +/- 1.066	3.331 +/- 2.064	(-.134) +/- .635	.220 +/- .637	15
Gross Beta	1.142 +/- 1.114	3.588 +/- 1.302	1.811 +/- 1.083	.342 +/- 1.130	50
Uranium (233, 234, 235, 238)	.087 +/- .137	8.832 +/- 2.039	.078 +/- .266	.087 +/- .168	40
Strontium	.180 +/- .191	.062 +/- .123	.023 +/- .268	.058 +/- .183	8
Plutonium	0 +/- .005	.004 +/- .004	.002 +/- .002.	.003 +/- .003	15
Americium	.002 +/- .006	.002 +/- .004	.001 +/- .003	.001 +/- .009	4
Tritium	76.76 +/- 149.43	219.300 +/- 130.458	66.360 +/- 120.841	69.980 +/- 122.716	20000

B (VOLATILES)-PARAMETER ALSO FOUND IN LABORATORY BLANK

B (METALS)-LESS THAN METHOD DETECTION LIMIT BUT GREATER THAN OR EQUAL TO INSTRUMENT DETECTION LIMIT

J-VALUE ESTIMATED BELOW DETECTION LIMIT

U-PARAMETER NOT DETECTED

Note: VOC and Metals Results are in ug/l, Rads are pci/l

Note: Preliminary data, not validated