

000011500

CORRES. CONTROL
OUTGOING LTR NO.

DOE ORDER #
93 RF 11837



EG&G ROCKY FLATS, INC.
ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

September 24, 1993

93-RF-11837

Richard J. Schassburger
Acting Director
Environmental Restoration Division
DOE, RFO

Attn: S. R. Grace

STATUS OF OPERABLE UNIT (OU) 2 BEDROCK FIELD PROJECT - WSB-411-93

Drilling and field activities for this project are close to completion. Only slug testing of one well remains to be completed and this is anticipated to be finished by the end of September 1993.

Six pilot boreholes were drilled and six A series wells were installed. One well (at location WC-1) contained 9 ppb TCE. Three wells did not have detectable levels of contaminants, and two wells were dry. One B series well was installed adjacent to the A-series well at WC-1 to test the next lower unit for the presence of contaminants.

The B-series well had insufficient water and could not be developed within the four-week timeframe stipulated within the Bedrock Work Plan (Technical Memorandum 8). It was then turned over to the groundwater program for continued monitoring. The well required six weeks to be developed and for samples to be taken. A sample was sent for quick turnaround analysis of the volatile organic compounds; this sample did not contain detectable levels of contaminants.

Attached is the quick turnaround data for the B-series well. Please contact A. L. Primrose of Remediation Project Management at extension 8618 if you would like additional information.

W. S. Busby
Acting Director
ERM/Remediation Project Management

ALP:dmf

Orig. and 1 cc - R. J. Schassburger

Attachment:
As Stated

Document Classification
Review Waiver per RFP
Classification Office

DIST.	LTR	ENC
AMARAL, M.E.		
BENEDETTI, R.L.	X	
BENJAMIN, A.		
BERMAN, H.S.		
BRANCH, D.B.		
CARNIVAL, G.J.		
COPP, R.D.		
DAVIS, J.G.		
FERRERA, D.W.		
HANNI, B.J.		
HARMAN, L. K.		
HEALY, T.J.		
HEDAHL, T.		
HILBIG, J.G.		
KIRBY, W.A.		
KUESTER, A.W.		
MANN, H.P.	X	
MARX, G.E.		
McDONALD, M.M.		
McKENNA, F.G.		
MONTROSE, J.K.		
MORGAN, R.V.		
POTTER, G.L.		
PIZZUTO, V.M.		
RILEY, J.H.		
RISING, T.L.		
SANDLIN, N.B.		
SETLOCK, G.H.		
STEWART, D.L.		
SULLIVAN, M.T.		
SWANSON, E.R.		
WILKINSON, R.B.	X	
WILLIAMS, S. (ORC)		
WILSON, J. M.		
WYANT, R.B.		
Primrose ALX		
Busby WS X		
Dilla EA X		
OK 2 File X		
Record Ctr (2) X		
CORRES CONTROL	X	X
ADMIN RECORD		
PATS/130G		
TRAFFIC		

CLASSIFICATION:

UCNI	
UNCLASSIFIED	
CONFIDENTIAL	
SECRET	

AUTHORIZED CLASSIFIER SIGNATURE
DOCUMENT CLASSIFICATION
REVIEW WAIVER PER CLASSIFICATION OFFICE
DATE

IN REPLY TO RFP CC NO:
N/A

ACTION ITEM STATUS
 PARTIAL/OPEN
 CLOSED

LTR APPROVALS:
WSB: ALP: dmf
ORIG & TYPIST INITIALS
ALP/dmf

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1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

GW01352WC

Lab Name: IT PITTSBURGH Contract: 304918
 Lab Code: ITPA Case No.: 04918 SAS No.: _____ SDG No.: P398V
 Matrix: (soil/water) WATER Lab Sample ID: 030920601
 Sample wt/vol: 25.0 (g/mL) ML Lab File ID: 61109200
 Level: (low/med) LOW Date Received: 09/16/93
 % Moisture: not dec. _____ Date Analyzed: 09/20/93
 Column: (pack/cap) CAP Dilution Factor: 1.0

CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NO.	COMPOUND	Q
74-87-3	Chloromethane	0.41U
74-83-9	Bromomethane	0.51U
75-01-4	Vinyl Chloride	0.21U
75-00-3	Chloroethane	0.41U
75-09-2	Methylene Chloride	0.11U
75-35-4	1,1-Dichloroethane	0.21U
75-34-3	1,1-Dichloroethane	0.11U
67-66-3	Chloroform	0.11U
107-06-2	1,2-Dichloroethane	0.41U
74-97-5	Bromochloromethane	0.51U
71-55-6	1,1,1-Trichloroethane	0.11U
56-23-5	Carbon Tetrachloride	0.21U
75-27-4	Bromodichloromethane	0.21U
78-87-5	1,2-Dichloropropane	0.11U
10061-01-5	cis-1,3-Dichloropropene	0.21U
79-01-6	Trichloroethane	0.11U
124-48-1	Dibromochloromethane	0.21U
79-00-5	1,1,2-Trichloroethane	0.61U
71-43-2	Benzene	0.11U
10061-02-6	Trans-1,3-Dichloropropene	0.41U
75-25-2	Bromoform	0.31U
127-18-4	Tetrachloroethane	0.11U
79-34-5	1,1,2,2-Tetrachloroethane	0.21U
108-88-3	Toluene	0.11U
108-90-7	Chlorobenzene	0.21U
100-41-4	Ethylbenzene	0.21U
100-42-5	Styrene	0.11U
95-47-6	O-XYLENE	0.21U
95-50-1	1,2-DICHLOROBENZENE	0.11U
106-46-7	1,4-DICHLOROBENZENE	0.21U
91-20-3	NAPHTHALENE	0.21U
87-61-6	1,2,3-TRICHLOROBENZENE	0.21U
120-82-1	1,2,4-TRICHLOROBENZENE	0.31U
108-67-8	1,3,5-TRIMETHYLBENZENE	0.21U
95-63-6	1,2,4-TRIMETHYLBENZENE	0.21U
104-51-8	N-BUTYLBENZENE	0.21U

FORM 1 VOA

REVIEWED BY: Ks
DATE: 9/21/93

1/87 Rev.

2

98-06-6	TERT-BUTYLBENZENE	0.21U
106-43-4	4-CHLOROTOLUENE	0.21U
541-73-1	1,3-DICHLOROBENZENE	0.21U
135-98-8	SEC-BUTYLBENZENE	0.21U
103-65-1	N-PROPYLBENZENE	0.21U
95-49-8	2-CHLOROTOLUENE	0.31U
87-68-3	HEXACHLOROBUTADIENE	0.21U
99-87-6	4-ISOPROPYLTOLUENE	0.21U
98-82-8	ISOPROPYLBENZENE	0.21U
108-86-1	BROMOBENZENE	0.21U
96-12-8	1,2-DIBROMO-3-CHLOROPROPANE	0.41U
96-18-4	1,2,3-TRICHLOROPROPANE	0.41U
630-20-6	1,1,1,2-TETRACHLOROETHANE	0.21U
106-93-4	1,2-DIBROMOETHANE	0.31U
563-58-6	1,1-DICHLOROPROPENE	0.11U
142-28-9	1,3-DICHLOROPROPANE	0.21U
594-20-7	2,2-DICHLOROPROPANE	0.11U
74-95-3	DIBROMOMETHANE	0.31U
75-69-4	TRICHLORFLUOROMETHANE	0.21U
75-71-8	DICHLORODIFLUOROMETHANE	0.21U
156-60-5	TRANS 1,2-DICHLOROETHENE	0.21U
156-59-2	CIS 1,2-DICHLOROETHENE	0.21U
36777-61-2	M, P-XYLENE	0.21U

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1E
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

GW01352WC

Lab Name: IT PITTSBURGH Contract: 304918

Lab Code: ITPA Case No.: 04918 SAS No.: _____ SDG No.: E398U

Matrix: (soil/water) WATER Lab Sample ID: Q30920601

Sample wt/vol: 25.0 (g/mL) ML Lab File ID: 6110920D

Level: (low/med) LOW Date Received: 09/16/93

% Moisture: not dec. _____ Date Analyzed: 09/20/93

Column (pack/cap) CAP Dilution Factor: 1.0

Number TICs found: 0 CONCENTRATION UNITS:
(ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
=====	=====	=====	=====	=====



By _____ Date _____ Subject _____ Sheet No. _____ of _____

Chkd. By _____ Date _____ Proj. No. _____

Water Quality Parameter List

Sample Id - EW01352WC

Collected 9/15/93

Received at Lab 9/16/93

TAT - 5 day - RUSH

	Concentration (mg/L)
Chloride	6
Carbonate	ND 1
Bicarbonate	240
Fluoride	0.9
Sulfate	62
Total Dissolved Solids	350
Total Suspended Solids	79
Total Organic Carbon	2/1 (analyzed in duplicate)