

CORRES. CONTROL  
OUTGONG LTR NO.

DOE ORDER #  
97 RF05778



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

Environmental Technology Site  
34  
Colorado 80402-0464  
(303) 966-7000

DIST.	LTR	ENC
Bengal, P.		
Benson, C. A.		
Burdelik, W.J.		
Crawford, A.C.		
Cypher, N.P.	X	X
Findley, M.		
Guinn, L.		
Hopkins, J.		
Huffman, F.M.		
Hughes, F.P.		
Jenkins, K.		
Konwinski, G.		
Law, J. E.	X	X
Lovseth, T. P.		
Motyl, K.		
Primrose, A. L.		
Rukavina, F.		
Steffen, D. E.		
Wheeler, M.		

October 29, 1997

97-RF-05778

Joseph A. Legare  
Assistant Manager, Environmental Compliance  
DOE, RFFO

~~GRIGSBY, F~~

SUBMITTAL OF THE QUARTERLY WELL STATUS REPORT - JEL-106-97

Action: None required

A copy of the Well Status Report is attached. This report includes the groundwater monitoring spreadsheet and the Rocky Flats Groundwater Sampling Field Database Spreadsheet for the third quarter of the 1997 Groundwater Monitoring Program.

Please contact Fred Grigsby of Water Management & Treatment at extension 7728, if you have any questions.

John E. Law  
Director  
Environmental Restoration

FCG:slm

PATS (T130G)		
MRS CC (116)	X	X
CORRES. CONTROL	X	X
TRAFFIC		

Original and 1 cc - Joseph A. Legare

CLASSIFICATION	JCNI
JNCLASSIFIED	X   X
CONFIDENTIAL	
SECRET	

Attachments:  
As Stated

cc:

N. I. Castañeda	-	DOE/RFFO	-	Bldg. 460
P. C. Halder	-	DOE/RFFO	-	Bldg. 460
J. M. Roberson	-	DOE/RFFO	-	Bldg. 460
T. G. Hedahl	-	Kaiser-Hill	-	Bldg. T130C
N. B. Sandlin	-	Kaiser-Hill	-	Bldg. 850
G. H. Setlock	-	Kaiser-Hill	-	Bldg. T130C

AUTHORIZED CLASSIFIER  
SIGNATURE  
DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE  
DATE  
IN REPLY TO RFP CC NO:

ACTION ITEM STATUS  
 OPEN  CLOSED  
 PARTIAL

TR APPROVALS:

ORIG & TYPIST INITIALS:

DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

ADMIN RECCRD

SW-A-004352



ROCKY FLATS GROUNDWATER SAMPLING FIELD DATABASE  
(SECOND AND) THIRD QUARTER, 1997  
ALL WELLS SAMPLED ON A SEMI-ANNUAL BASIS

Well ID	Grid	ZONE	Analyte Code	Northing	Easting	Well Type	# of Visits	Date Purged	Date Sampled	Full Set (Y/N)	Restrictions	Depth To Water	Baseline Depth	Total Depth	Depth Diff.	Top of Screen	Bottom of Screen	Length of Sump	Sample ID#
3386 M-9	A	5	749850	2085003	R	3	6/17/97	6/18/97	N	PA	7.96	8.85	8.90	0.05	0.05				GW05547E
1986 K-10	A	7	750894	2083296	IOU	1	8/19/97	8/19/97	Y	PA	3.10	13.83	14.85	1.02	3.86				GW055377E
2186 L-10	A	7	750855	2082501	IOU	1	6/19/97	6/19/97	Y	PA	31.48	68.86	68.92	0.06	37.10				GW055361E/5589
22596 J-10	A	7	751246	2082750	IOU	1	6/19/97	6/19/97	Y	PA	23.76	27.00	31.50	6.40	27.00				GW055351E/5680
22596 K-11	A	7	750747	2083516	IOU	2	6/17/97	6/18/97	Y	PA	13.14	19.50	17.50		17.50				GW055341E/5585
22796 K-10	A	7	751266	2083740	IOU	1	8/18/97	8/18/97	Y	PA	12.68	19.00	21.21	6.50	17.00				GW055331E
22896 K-10	A	7	750369	2083393	IOU	1	8/18/97	8/18/97	Y	PA	19.14	26.20	29.10	7.47	23.30				GW055302E
6186 K-9	A	7	749198	2083717	IOU	2	9/18/97	9/19/97	Y	PA	10.21	13.83	13.87	0.04	6.43				GW055911E/5611
P207689 M-10	A	5	750398	2085318	R	1	9/22/97	9/22/97	Y	PA	8.41	16.04	16.08	0.04	5.20				GW055131E-tech dry
P209289 L-10	A	5	750863	2084139	R	2	6/17/97	DRY	N	PA	DRY	18.71	32.10	32.13	0.03	18.74			GW056311E
P209389 L-10	A	5	750864	2084130	R	2	10/14/97	10/15/97	Y	PA	28.68	38.35	38.36	0.01	10.06				GW055921E/93/94
P209489 L-10	A	11	750991	2084634	R	2	9/23/97	9/24/97	Y	PA	12.87	15.97	16.01	0.04	10.06				GW05521E/5583
P218389 M-10	A	5	750831	2085648	RC	3	6/17/97	6/18/97	Y	PA	11.58	14.76	14.79	0.03	9.08				GW055121E
P219189 L-11	A	5	751222	2084010	IOU	3	6/17/97	6/18/97	N	PA	22.83	25.98	26.01	0.05	20.23				GW05551E
P219489 M-10	A	5	750415	2085661	RC	3	6/17/97	6/18/97	N	PA	10.68	24.39	24.34	0.05	20.23				GW05571E/5572
5887 J-12	B	8	752234	2082531	R	1	7/29/97	7/29/97	Y		6.34	11.98	12.02	0.04	5.50				GW055551E
1386 N-11	B	5	751857	2086051	RC	3	8/27/97	8/28/97	N		6.81	14.06	13.56	0.50	5.13				GW056301E
1786 M-11	B	5	751740	2085242	RC	1	10/15/97	10/15/97	Y	Slope	5.72	10.00	12.99	2.99	8.00				GW055141E
23296 O-10	B	2	750683	2087624	C	1	7/30/97	7/30/97	Y		5.37	10.40	10.39	0.01	5.66				GW055421E
3786 P-11	B	3	751561	2088854	C	1	9/8/97	9/9/97	N		7.19	8.35	8.50	0.15	5.50				GW055411E
4087 L-13	B	8	753143	2084823	R	3	6/16/97	6/16/97	N		6.21	8.00	8.28	0.28	3.00				GW055401E
52894 M-13	B	8	753222	2085089	C	3	6/16/97	DRY	N	DRY	20.00	18.96	1.04	10.00					GW056501E
62954 M-13	B	8	753196	2085035	C	1	6/16/97	6/16/97	Y		11.03	20.55	20.53	0.02	5.14				GW055481E
6887 K-12	B	8	752160	2083235	R	2	6/26/97	6/26/97	Y		12.26	41.47	41.50	0.03	22.30				GW055471E
70193 J-12	B	8	752688	2082674	C	1	9/17/97	9/17/97	Y		10.35	27.01	26.98	0.03	7.80				GW055461E
70393 J-12	B	8	752090	2082389	C	2	7/31/97	7/31/97	Y		8.20	48.00	48.01	0.01	24.00				GW055441E
70493 J-12	B	8	752111	2082390	C	2	9/10/97	9/11/97	Y		7.47	14.02	14.04	0.02	5.00				GW055401E
75992 N-10	B	9	750290	2086628	C	1	8/27/97	8/27/97	Y		8.35	14.40	14.40	0.00	6.40				GW055391E
76992 L-12	B	8	752561	2084500	C	2	5/21/97	5/21/97	N		10.11	12.05	12.04	0.01	5.90				GW055381E
77392 L-12	B	8	752243	2084299	R	3	9/10/97	9/10/97	N		20.11	24.28	24.30	0.02	13.70				GW055331E(DRY)
B206989 L-13	B	8	751739	2084835	R	3	9/23/97	9/24/97	N		17.47	18.09	18.11	0.02	8.20				GW055561E
B208289 N-11	B	5	751739	2084289	RC	3	8/12/97	8/14/97	N		4.14	14.32	14.34	0.02	4.81				GW055231E
B208789 L-11	B	11	751755	2084450	R	3	5/2/97	6/3/97	Y		3.78	9.94	9.94	0.00	4.42				GW054981E
7086 J-7	C	6	747491	2082003	C	1	7/31/97	7/31/97	Y		23.15	28.13	28.25	0.06	6.87				GW054971E
10592 K-7	C	1	747216	2083725	C	3	5/27/97	5/28/97	N		8.88	23.70	23.75	0.05	7.83				GW055311E
10592 K-7	C	1	747745	2083638	C	1	9/17/97	9/17/97	Y		5.92	30.42	30.41	0.01	18.28				GW054991E
35691 L-7	C	1	747797	2084005	C	2	6/29/97	6/30/97	Y		27.45	35.38	35.42	0.04	25.55				GW055181E
43392 L-8	C	7	748034	2081537	B	2	8/15/97	8/15/97	Y		9.44	22.01	22.03	0.02	5.33				GW055171E
0487 L-7	C	1	747943	2084887	C	3	9/8/97	9/9/97	N		41.51	44.69	44.66	0.03	30.30				GW0554981E
0491 P-9	C	2	749551	2088844	C	3	8/20/97	8/20/97	Y		43.27	48.22	50.24	2.02	34.00				GW054951E
05091 P-9	C	2	749894	2088825	C	1	8/20/97	5/28/97	N		23.85	26.50	26.50	0.00	20.05				GW054951E
10782 L-7	C	1	747723	2084363	C	3	5/27/97	5/28/97	N		25.55	39.67	33.66	0.01	7.04				GW054951E
10992 L-7	C	1	747775	2084780	C	2	5/27/97	5/28/97	N		15.97	21.70	21.89	0.19	12.2				GW054941E
10993 K-7	C	6	747431	2083266	C	3	6/28/97	6/25/97	Y		22.07	23.02	23.06	0.04	7.77				GW055061E
11082 M-7	C	1	747842	2085079	C	3	5/27/97	5/28/97	Y		8.96	16.00	17.74	1.74	14.00				dryxxxxxxxxxx
23096 N-7	C	2	747836	2086086	C	1	8/13/97	8/13/97	Y		28.08	27.00			25.00				GW056041E
23196 O-7	C	2	748060	2087014	C	1	7/3/97	div	N		13.28	22.73	22.92	0.11	5.34				GW055031E
2987 O-8	C	2	748089	2087362	C	1	5/23/97	5/23/97	Y		24.60	96.55	96.56	0.01	87.67				
3087 O-8	C	2	748090	2087424	C	2	9/16/97	9/17/97	Y										

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ROCKY FLATS GROUNDWATER SAMPLING FIELD DATABASE  
(SECOND AND) THIRD QUARTER, 1997  
ALL WELLS SAMPLED ON A SEMI-ANNUAL BASIS

Well ID	Grid	ZONE	Analyte Code	Northing	Easting	Well Type	# of Visits	Date Purged	Date Sampled	Full Set (Y/N)	Restrictions	Depth To Water	Baseline Depth	Total Depth	Depth Diff.	Top of Screen	Bottom of Screen	Length of Sump	Sample ID#
38591 L-7	C	C	1	747408	2084659	C	3	8/25/97	8/28/97	N		9.69	11.84	11.83	0.01	7.66			GW05492TE
4787 L-7	C	C	1	747779	2084603	C	3	8/10/97	8/10/97	DRY		DRY	9.80	9.82	0.02	5.87			GW05491TE
4887 L-7	C	C	2	747929	2084631	C	2	6/10/97	6/11/97	N		11.32	12.17	12.26	0.11	5.67			GW05490TE
5387 K-7	C	C	1	747985	2084912	C	3	8/13/97	8/15/97	N		9.74	11.14	11.12	0.02	5.60			GW05498TE
5587 E-7	C	C	1	747619	2084918	C	3	8/19/97	8/19/97	N		7.53	9.86	9.71	0.05	5.40			GW05488TE
6486 M-7	C	C	1	747672	2085610	C	3	8/25/97	8/27/97	Y		7.61	11.45	11.46	0.01	5.39			GW05487TE
6586 O-7	C	C	2	747981	2087301	C	1	8/28/97	8/28/97	Y		7.10	10.07	10.12	0.05	4.42			GW05500TE
0388 U-10	E	E	4	750543	2093778	D	1	8/20/97	8/20/97	Y	Slope	18.85	25.56	25.58	0.02	12.26			GW05568TE
08491 U-11	E	E	4	751193	2093867	C	2	8/27/97	8/28/97	Y		13.61	20.29	20.28	0.03	13.40			GW05511TE
10294 U-2	E	E	4	742319	2093691	C	1	8/19/97	8/19/97	Y	CRK	5.34	17.00	18.73	1.73	4.60			GW05510TE
10394 U-4	E	E	4	744847	2093664	C	1	8/29/97	8/29/97	Y		4.81	12.70	12.59	0.12	3.20			GW05509TE
41591 U-8	E	E	4	748800	2093914	D	1	7/29/97	7/29/97	Y		9.81	15.56	15.55	0.01	8.40			GW05508TE
41891 U-13	E	E	4	753470	2093851	D	2	8/27/97	10/14/97	Y		8.13	19.44	19.37	0.07	7.05			GW05629TE
3596 N-10	F	F	11	750167	2086219	C	2	8/27/97	8/28/97	Y		8.62	14.00	13.99	0.01				GW05563TE
2398 L-9	F	F	1	749183	2084557	C	1	8/19/97	8/19/97	Y	PA	5.67	11.50	11.50	0.00	8.50			GW05507TE
2398 L-9	F	F	1	749183	2084557	C	1	8/19/97	8/19/97	Y	PA	5.67	11.50	11.50	0.00	8.50			GW05507TE
P113689 K-8	F	F	7	748510	2081733	OU	2	5/3/97	5/4/97	Y		7.09	17.77	17.60	0.03	10.07			GW05529TE
P113689 K-8	F	F	7	748510	2081733	OU	2	5/3/97	5/4/97	Y		7.09	17.77	17.60	0.03	10.07			GW05529TE
P314289 K-8	F	F	7	748216	2083280	OU	2	8/12/97	8/13/97	Y		12.25	16.71	16.74	0.03	11.11			GW05527TE
P416889 J-8	F	F	7	748208	2082815	OU	1	8/20/97	8/20/97	Y		15.33	23.54	23.69	0.15	17.86			GW05524TE
00491 N-8	G	G	2	749286	2088034	C	1	9/15/97	9/15/97	Y	E SF	45.05	48.64	48.60	0.04	36.10			GW05519TE
07391 M-8	G	G	2	748548	2085827	C	3	9/15/97	9/15/97	Y	RCA	8.48	15.58	15.58	0.00	7.40			GW05557TE
08091 O-9	G	G	9	749671	2087795	C	3	9/15/97	9/15/97	N	E SF	19.55	20.49	20.48	0.03	11.30			GW05545TE(DRY)
10194 P-9	G	G	2	748143	2085725	C	2	8/25/97	8/26/97	Y		38.96	54.20	44.87	9.33	30.80			GW05515TE
6386 M-8	G	G	2	748145	2085725	C	3	8/25/97	8/26/97	N		29.74	36.86	36.86	0.00	26.75			GW05502TE
3687 O-9	H	H	2	749979	2087295	C	1	7/24/97	7/24/97	Y		10.63	17.12	17.12	0.00	5.12			GW05501TE
05391 P-10	H	H	2	750053	2087621	C	1	9/10/97	9/10/97	Y		34.59	62.11	60.87	1.24				GW05560TE
06091 P-10	H	H	2	750035	2088963	C	1	7/23/97	7/23/97	Y		34.26	39.51	39.53	0.02	27.10			GW05564TE
11891 N-10	H	H	2	750033	2086999	C	1	9/12/97	9/12/97	Y		28.61	39.78	39.80	0.02				GW05562TE
12191 N-9	H	H	2	749774	2086949	C	1	9/11/97	9/11/97	Y		24.90	32.95	32.97	0.02				GW05516TE
0393 P-10	H	H	2	750401	2088433	C	1	8/11/97	8/11/97	Y		22.99	37.16	37.15	0.01				GW05555TE/5607
04091 P-10	H	H	2	750730	2088690	C	3	9/8/97	9/8/97	Y		35.19	41.75	41.75	0.01	5.08			GW05521TE/5791TE
12691 O-9	H	H	2	749952	2087419	C	2	9/23/97	9/23/97	Y		37.28	40.15	40.15	0.00	30.00			GW05520TE
38191								8/28/97	8/28/97	Y		31.54	67.23	67.18	0.05	50.10			GW05570TE
38281								8/28/97	8/28/97	Y		10.14							GW05574TE
59394 J-7	C	C						8/21/97	8/21/97			32.48	90.74	90.74					GW05605TE

**ROCKY FLATS GROUNDWATER SAMPLING FIELD DATABASE**

(SECOND AND) THIRD QUARTER, 1997

**ALL WELLS SAMPLED ON A SEMI-ANNUAL BASIS**

Well ID	Grid	ZONE	Analyte Code	Northing	Easting	Well Type	# of Visits	Date Purged	Date Sampled	Full Set (Y/N)	Restrictions	Depth To Water	Baseline Depth	Total Depth	Depth Diff.	Top of Screen	Bottom of Screen	Length of Sump	Sample ID#
Top of Screen:			Depth to Top of Well Screen																
Bottom of Screen:			Depth to bottom of Well Screen																
Length of Sump:			Difference between total depth of well and bottom of screen																
Sample ID #:			Assigned RFP Sample Number																
Grey Fill:			Wells Sampled 2nd Quarter 1997																

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DOE GROUNDWATER STATUS REPORT  
THIRD QUARTER 1997

1. Water level measurements were completed on 294 wells. A total of 53 wells were sampled on 91 program wells.
2. The accompanying table shows the status of the Groundwater Monitoring Program.
3. There were 8 wells added to the Groundwater Monitoring Program and 3 wells were deleted from the program and 3 wells were abandoned.

Additions/Deletions/Abandonments of Wells in the Third Quarter, 1997

Additions	Deletions	Wells Abandoned
00197	3786	3786
00297	6687	6687
00397	35691	35691
00697		
00797		
00897		
00997		
02197		

4. A spreadsheet of groundwater monitoring activities is attached.
5. A Third Quarter 1997 Rocky Flats Groundwater Sampling Field Database Spreadsheet is attached in hard copy and on IBM-formatted diskette.

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THIRD QUARTER 1997

Total Number of Wells in Monitoring Program	Number of Wells Sampled	Number of Wells Added to Sample Program During Quarter	Number of Wells Removed from Sample Program During Quarter	Number of Wells Yielding Partial Studies	Number of Technically Dry Wells Not Developed	Number of Program Wells That Are Dry	*Number of Water Level Measurement Completed	Number of Damaged Wells	Number of Wells Abandoned During Quarter
91	53	8	3	9	1	3	475	0	3
*Does not include water levels taken during sampling									

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