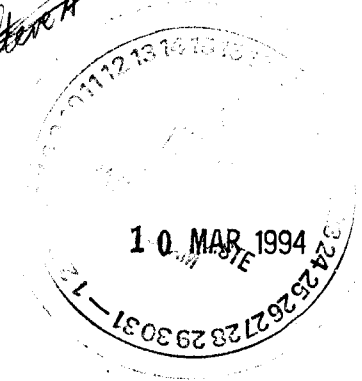




DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 27th FIGHTER WING (ACC)
CANNON AIR FORCE BASE, NEW MEXICO

Steve A



WTT
UXTT

27 FW/CC
100 S DL Ingram Blvd Suite 100
Cannon AFB NM 88103-5214

Ms. Barbara Hoditschek
New Mexico Environment Department
RCRA Permits Branch
1190 St. Francis Drive
P O Box 26110
Santa Fe NM 87502

Dear Ms. Hoditschek

Attached is the annual summary for 1993 of the ground water sampling at the monitor wells at Landfill No. 5, Cell No. 3, Cannon AFB (EPA ID Number NM7572124454). This summary is being supplied in accordance with 40 CFR 265.92.

None of the laboratory results of the ground water samples exceed the action levels for ground water. Also, note that the supplied summary is on forms used for facilities operating under interim status. Landfill No. 5, Cell No. 3 is in "closed" status with the submission of the post-closure plan required by April 18, 1994.

If you have any questions, please contact Mr. Robert W. Durham at (505) 784-4639.

Sincerely

William M. Guth
WILLIAM M. GUTH
Brigadier General, USAF
Commander

Attachment:
Annual Summary of Monitor Well Data

cc: D. Morgan, NMED

ANNUAL SUMMARY OF MONITOR WELL DATA

This form is for annual presentation of data by all facilities operating under interim status.

ENVIRONMENTAL IMPROVEMENT DIVISION
 HAZARDOUS WASTE SECTION
 1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
 SANTA FE, NEW MEXICO 87503

FACILITY NAME CANNON AFB
 EPA I.D. NUMBER NM7572124454
 WELL NUMBER MW-L

<u>PARAMETERS</u>	<u>UNITS</u>	<u>SAMPLE DATES</u>			<u>VALUE</u>
		<u>FEB 93</u>	<u>APR 93</u>	<u>JUL 93</u>	
Elev. of G.Water	ft.	3993.72	3995.14	3992.74	
pH (Avg)	S.U.	7.03	7.12	7.38	
Spec Cond (Avg)	umhos/cm	726	740	834	
T.O.X. (Avg)	ug/l	10	-	13	
T.O.C. (Avg)	mg/l	<1.0	-	< 1	
Chloride	mg/l	67	73	80	
Iron	ug/l	36	< 100	< 6	
Manganese	ug/l	< 10	< 0.01	< 1	
Phenols	ug/l	0.013	0.05	< 5	
Sodium	mg/l	45.2	45.4	44.0	
Sulfate	mg/l	119	118	160	

ANNUAL SUMMARY OF MONITOR WELL DATA

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ENVIRONMENTAL IMPROVEMENT DIVISION
 HAZARDOUS WASTE SECTION
 1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
 SANTA FE, NEW MEXICO 87503

FACILITY NAME CANNON AFB
 EPA I.D. NUMBER NM 7572124454
 WELL NUMBER MW-M

SAMPLE DATES

<u>PARAMETERS</u>	<u>UNITS</u>	<u>SAMPLE DATES</u>			<u>VALUE</u>
		<u>FEB 93</u>	<u>APR 93</u>	<u>JUL 93</u>	
Elev. of G.Water	ft.	<u>3993.89</u>	<u>3995.42</u>	<u>3993.22</u>	<u> </u>
pH (Avg)	S.U.	<u>6.86</u>	<u>7.44</u>	<u>7.01</u>	<u> </u>
Spec Cond (Avg)	umhos/cm	<u>718</u>	<u>730</u>	<u>802</u>	<u> </u>
T.O.X. (Avg)	ug/l	<u><5</u>	<u>-</u>	<u>16.3</u>	<u> </u>
T.O.C. (Avg)	mg/l	<u><1</u>	<u>-</u>	<u><1</u>	<u> </u>
Chloride	mg/l	<u>78</u>	<u>63</u>	<u>70</u>	<u> </u>
Iron	ug/l	<u>33</u>	<u><100</u>	<u>22</u>	<u> </u>
Manganese	ug/l	<u><10</u>	<u><10</u>	<u>7</u>	<u> </u>
Phenols	ug/l	<u>0.012</u>	<u>0.34</u>	<u><5</u>	<u> </u>
Sodium	mg/l	<u>45.9</u>	<u>48.2</u>	<u>44.0</u>	<u> </u>
Sulfate	mg/l	<u>122</u>	<u>106</u>	<u>120</u>	<u> </u>

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES		
		FEB 93	APR 93	JUL 93
ARSENIC	UG/L	-	<4	5
BARIUM	UG/L	-	40	37
SELENIUM	UG/L	-	6	64
VANADIUM	UG/L	-	20	25
ZINC	UG/L	-	20	20.0

DATE OF REPORT: 22 Feb 94


SIGNATURE: 

NAME (TYPED): Robert W. Durham

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES		
		FEB 93	APR 93	JUL 93
ARSENIC	UG/L	-	7	6
BARIUM	UG/L	-	30	38
SELENIUM	UG/L	-	6	7.1
VANADIUM	UG/L	-	10	28
ZINC	UG/L	-	10	21.0

DATE OF REPORT: 22 Feb 94

SIGNATURE: 

NAME (TYPED): Robert W. Durham

ANNUAL SUMMARY OF MONITOR WELL DATA

This form is for annual presentation of data by all facilities operating under interim status.

ENVIRONMENTAL IMPROVEMENT DIVISION
HAZARDOUS WASTE SECTION
1190 ST. FRANCIS DR./HAROLD RUNNELS BLDG.
SANTA FE, NEW MEXICO 87503

FACILITY NAME CANNON AFB NM
EPA I.D. NUMBER NM7572124454
WELL NUMBER MW-A

SAMPLE DATES

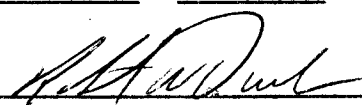
<u>PARAMETERS</u>	<u>UNITS</u>	<u>SAMPLE DATES</u>			
		<u>FEB 93</u>	<u>APR 93</u>	<u>JUL 93</u>	
Elev. of G.Water	ft.	3999.73	4001.39	3,999.50	
pH (Avg)	S.U.	7.72	7.97	7.30	
Spec Cond (Avg)	umhos/cm	646	657	705	
T.O.X. (Avg)	ug/l	5	-	8	
T.O.C. (Avg)	mg/l	<1	<1	<1	
Chloride	mg/l	52	46	50	
Iron	ug/l	45	<100	6	
Manganese	ug/l	<10	<10	<1	
Phenols	ug/l	0.012	<0.2	7	
Sodium	mg/l	45.7	53.2	47.7	
Sulfate	mg/l	103	91	100	

APPENDIX IX PARAMETERS

SAMPLE DATES

<u>PARAMETERS</u>	<u>UNITS</u>	<u>SAMPLE DATES</u>		
		<u>FEB 93</u>	<u>APR 93</u>	<u>JUL 93</u>
ARSENIC	UG/L	-	6	5
BARIUM	UG/L	-	30	32
NICKEL	UG/L	-	<100	14
SELENIUM	UG/L	-	5	6.7
VANADIUM	UG/L	-	-	26
ZINC	UG/L	-	< 10	9.0

DATE OF REPORT: 22 Feb 94

SIGNATURE: 

NAME (TYPED): Robert W. Durham

APPENDIX IX PARAMETERS

PARAMETERS	UNITS	SAMPLE DATES		
		FEB 93	APRIL 93	JULY 93
ARESENIC	UG/L	-	4	5
BARJUM	UG/L	-	30	42
NICKEL	UG/L	-	<100	14
SELENIUM	UG/L	-	7	6.7
VANADIUM	UG/L	-	30	26
ZINC	UG/L	-	10	9.0

DATE OF REPORT: 22 Feb 94

SIGNATURE: 

NAME (TYPED): Robert W. Durham