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HAFB  
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5 November 1991

U.S. Army Corps of Engineers  
ATTN: CEMRO-ED-EA (Ron Stirling)  
Brandels Building  
210 South 16th Street, 6th Floor  
Omaha, Nebraska 68102

Re: **Draft Sampling and Quality Control Summary Report (A-E SQCSR)  
Appendix IX Groundwater Sampling, Holloman AFB, New Mexico**

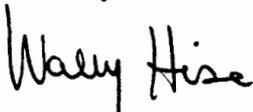
Dear Ron:

Enclosed is the draft "Sampling and Quality Control Summary Report" for the Appendix IX groundwater sampling at Holloman AFB. The results of this sampling do not indicate a problem with groundwater contamination at this site, although very low levels of some organic constituents were detected. I attached a copy of the QA sample results, obtained from PRC Environmental Management personnel (the EPA subcontractor). Those results also confirm that there is not a groundwater contamination problem.

Holloman will need to make the results of this sampling available to NMED and EPA Region VI personnel, along with a request to return to the detection monitoring program. The regulators should agree with the results and not require additional sampling, given the additional QA data obtained.

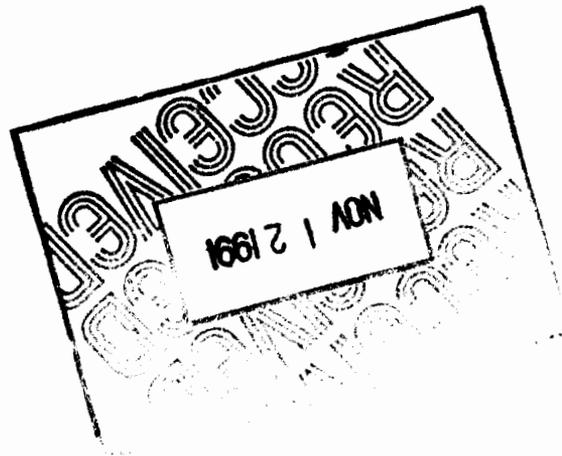
Ron, due to the reporting requirements associated with Appendix IX sampling, we need to finalize this report for submittal to the regulatory agencies. Please call me to discuss a schedule for providing review comments to Radian.

Sincerely,



Wallace Hise  
Project Director

cc: S. Moore/HAFB  
B. Johnson/HQ TAC  
C. Adams/HQ TAC  
B. Casadevall/PRC  
N. Lund/Radian  
J. Clary/Radian  
File 269-004-21



SEE LIBRARY: "HAFB - 1991 APP. IX SAMPLING  
DATA SHOWING POOR QA/QC DATA  
& PESTICIDE HITS"

**DRAFT**

**SUMMARY OF RESULTS  
HOLLOMAN AIR FORCE BASE**

**DRAFT**

<u>Sample Number</u>	<u>Compound/Parameter</u>	<u>Concentration</u>	<u>CLP Qualifier<sup>1</sup></u>
MW1-TOC	Total Organic Carbon	1 <sup>2</sup>	U
MW1-DOC-1	Dissolved Organic Carbon <sup>3</sup>	1 <sup>2</sup>	U
MW1-DOC-2	Dissolved Organic Carbon <sup>4</sup>	1 <sup>2</sup>	U
MW-2	Methylene Chloride	2	BJ
	Acetone	11	B
	Sulfide	0.36 <sup>2</sup>	
	Total Organic Carbon	3.5 <sup>2</sup>	
MW-3	Methylene Chloride	6	B
	2-Butanone	25	
	4-Methyl-2-Pentanone	31	
	Sulfide	0.96 <sup>2</sup>	
MW3-TOC	Total Organic Carbon	10 <sup>2</sup>	
MW3-DOC-1	Dissolved Organic Carbon <sup>3</sup>	11 <sup>2</sup>	
MW3-DOC-2	Dissolved Organic Carbon <sup>4</sup>	9 <sup>2</sup>	
MW-4	Methylene Chloride	5	B
	Acetone	9	BJ
	Sulfide	5.32 <sup>2</sup>	
MW4-TOC	Total Organic Carbon	20 <sup>2</sup>	
MW4-TOC-D	Total Organic Carbon (dup.)	22 <sup>2</sup>	
MW4-DOC-1	Dissolved Organic Carbon <sup>3</sup>	19 <sup>2</sup>	
MW4-DOC-1D	Dissolved Organic Carbon (dup.) <sup>3</sup>	17 <sup>2</sup>	
MW4-DOC-2	Dissolved Organic Carbon <sup>4</sup>	12 <sup>2</sup>	
MW4-DOC-2D	Dissolved Organic Carbon (dup.) <sup>4</sup>	15 <sup>2</sup>	
MW-5	Methylene Chloride	2	BJ
	Acetone	11	B
	Di-n-butyl phthalate	7	BJ
	bis(2-ethylhexyl) phthalate	5	J
	Sulfide	1.76 <sup>2</sup>	
MW5-TOC	Total Organic Carbon	8 <sup>2</sup>	
MW5-DOC-1	Dissolved Organic Carbon <sup>3</sup>	9 <sup>2</sup>	
MW5-DOC-2	Dissolved Organic Carbon <sup>4</sup>	7 <sup>2</sup>	
TB-1 (trip blank)	Methylene Chloride	6	B
	Acetone	14	B
TB-2 (trip blank)	Methylene Chloride	2	BJ
TB-3 (trip blank)	Methylene Chloride	7	B
	Acetone	11	B

Notes: <sup>1</sup> CLP Qualifiers: U = Not Detected at Contract Required Detection Limit  
J = Estimated Value  
B = Compound Also Detected in Laboratory Blanks

<sup>2</sup> Concentration in mg/L; all other concentrations in µg/L

<sup>3</sup> Dissolved Organic Carbon from fraction passing through 5.0µ filter

<sup>4</sup> Dissolved Organic Carbon from fraction passing through 0.45µ filter