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MEMORANDUM

TO: File

FROM: Ron Kern, ^{PAK} Technical Compliance Program

DATE: August 18, 1993

SUBJECT: Discussion With Vincent Malott (EPA, Region VI) concerning the VOC and Chromium Analytical Results from the Recent Groundwater Sampling Event, Sparton Technology, Inc., Albuquerque

HRMB received data recently for some of the monitoring wells which were recently sampled during our Comprehensive Groundwater Monitoring Sampling Event (CME), conducted at Sparton Technology, Inc. (ST) on July 26 and 27, 1993. Data were analyzed by Analytical Technologies, Inc. Results were received for monitoring wells 53, 55, 56, 58, and 62, which are primarily "down-gradient" wells to the northwest of the ST facility.

I called Vincent Malott (EPA, Region VI) to relate the following data to him (concentrations are in ppb):

	<u>MW-53</u>	<u>MW-55</u>	<u>MW-56</u>	<u>MW-58</u>	<u>MW-62</u>
TCE	30	250	320	62	4
Chromium	114	130	438	159	ND

We agreed that the downgradient monitoring wells have been showing consistent increases in TCE since sampling of these off-site monitoring wells began. TCE data over time are indicated below (concentrations are in ppb):

	<u>6-10/90</u>	<u>6/91</u>	<u>9/92</u>	<u>7/93</u>
MW-53	ND	ND	13	30
MW-55	10.6	45	160	250
MW-56	63.5	200	300	320
MW-58	22	29	NA	62

ST Memorandum
August 18, 1993
Page 2

These data suggest strongly that the VOC plume is continuing to progress downgradient and that the on-site interim remedial measures (pumping and air stripping of VOC's from the Upper Flow Zone) are not effecting a decrease in off-site, downgradient VOC concentrations. These data further enhance EPA's recommendation for additional, off-site remediation of the VOC plume. I included the Cr data because I believe the Cr concentrations are very high (NM WQCC MCL = 50 ppb) for this drinking water aquifer, particularly because these are downgradient concentrations.

Vince stated that he was planning to be here during the first half of September to discuss the CMS with NMED and ST and to look at the various corrective measure options available.

cc: Steve Alexander, Technical Program Manager

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