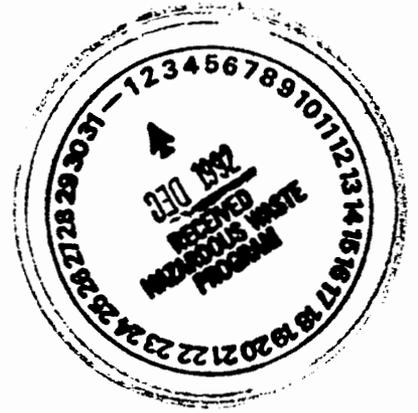


*This is the
EPA comment
letter discussed
in Dec 17 mtg.*



October 30, 1992

CERTIFIED MAIL-RETURN RECEIPT REQUESTED P 176 163 643

Mr. Richard D. Mico
Sparton Technology, Inc.
Vice President and General Manager
4901 Rockaway Blvd., SE
Rio Rancho, New Mexico 87124

RE: Split Sampling Event of September 21-22, 1992

Dear Mr. Mico:

Pursuant to Section IV.B of the Consent Order, EPA is providing a summary of the analytical results from the September 21-22, 1992, ground water split sampling event conducted at Sparton Technology. The attached table contains a listing of the significant chemical constituents and the analytical results should be considered preliminary pending validation by the EPA laboratory. EPA will transmit the validated results to Sparton upon receipt.

Listed below is a summary of the findings made during the split sampling event regarding the sampling procedures employed by Sparton Technology and its contractors.

- 1) The sampling procedures used by Sparton Technology appeared to be consistent between wells and no additional contamination appeared to be introduced into the samples through the sampling procedures.
- 2) Sample collection for monitoring well 15 needs to be changed to reflect the slow recovery rate for the well. Sampling was slow due to the time required for the bladder pump to recycle and the volume of recovered water per cycle (between two and four cycles for the 40 ml VOA samples). Also, the water within the discharge tubing remained within the line or fell back into the well after each cycle possibly due to insufficient pressure and/or a malfunctioning check valve on the pump. This could result in the premature volatilization of the organics between cycles within both the bottle and the discharge tube. The revised sampling procedures should allow for the well to sufficiently recover to minimize the number of cycles for the bladder pump to fill the 40 ml vials and prevent water in the discharge tubing from remaining within the line or falling back into the well.

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- 3) Sparton should request their laboratory to supply amber bottles instead of clear glass for any future semi-volatile collection.
- 4) Sparton collected duplicate samples for semi-volatiles and metals from each well sampled for these parameters. Sparton reported these duplicate samples were not sent to the laboratory blind. The duplicate samples need to be sent blind to the laboratory as a check of the laboratory's QA/QC.

If you have any questions regarding the analytica data or the sampling recommendations, I may be contacted at (214) 655-6480. 6745

Sincerely,

Vincent E. Malott
Technical Section (6H-CX)
RCRA Enforcement Branch

cc: Ed Horst (NMED)

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GWB-00005-SPARTO

Vince Malott brought this table to Dec 1-1992 Mtg,

Sept '92

SPARTON TECHNOLOGY
PRE-VALIDATED SPLIT SAMPLE RESULTS (ppb)

Chemical Constituent	MW-32	MW-15	MW-41	MW-48	MW-56	MW-55	MW-53	MW-36
Chromium	ND	ND	ND	688 510	375 310			
1,1-Dichloroethene	400 550	5.6	57 59	6 < 20				
1,1-Dichloroethane	15 < 200							
1,1,1-Trichloroethane	160 760	17 30	130 130					
Trichloroethene	3100 2600	67 67	490 510	300 210	300 210	160 110	13 16	8 8.3
Tetrachloroethene	24 < 200		6					
Toluene	30 < 200							
Ethylbenzene	7 < 200							
Xylene (total)	3 < 200							

↑
↑
H ← ST results
EPA's results

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