

HURST ENGINEERING SERVICES

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220-1943

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~~May 2001 Monthly Report~~

~~Mid-Session~~

~~July 2001 Monthly Report~~

~~September 2001 Monthly Report~~

~~October 2001 Monthly Report~~

HURST ENGINEERING SERVICES  
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## MONTHLY PROGRESS REPORT For month ending October 31, 2001

### CV-97-0206 (D.N.M) Albuquerque v. Sparton Technology, Inc.

11/04/01

#### ***Tasks Completed:***

##### Groundwater Monitoring Plan

- The data from MW 71 continues to be evaluated.

##### Public Involvement Plan

##### Offsite-Containment System

- The system ran 83% of the time, and pumped 8,049,100 gallons (average of 180gpm). The Power failures reported last month appear to have been erroneous – the problem was isolated to an intermittent electrical problem in the motor starter of the air stripper discharge pump. It caused an additional four outages this month that lasted a total of 5.3 days. The outages were from 10:19 Oct. 12<sup>th</sup> through 14:25 Oct 12<sup>th</sup>, from 16:06 Oct. 20<sup>th</sup> through 09:10 Oct. 23<sup>rd</sup>., from 18:17 Oct. 23<sup>rd</sup>. through 11:00 Oct. 25<sup>th</sup>, and from 13:40 Oct. 25<sup>th</sup> through 06:45 Oct 26<sup>th</sup>. The problem has been resolved.
- The Chromium treatment was discontinued on October 30th.

##### Assessment of Aquifer Restoration

- Agreement has been reached on the Post-Closure Permit Application additional information required.

##### Soil Vapor Extraction System

- All the Vapor Probe's were sampled on October 16<sup>th</sup> and 17<sup>th</sup>. These were VR 1,2,4, and 5. VP1, 2,4,5,6,8,9,10,11 and14. MW 7,13,15,17,18,and 21. (Note: VP11, though not reported as such, was also sampled in September).
- The results for the September sampling have been transmitted to the EPA. The October results are being checked and will be sent shortly.

##### Source Containment System

- The pump house interior wiring remains at 90% completion.
- 98% of the interior plumbing is complete.
- The installation of the chemical feed pump is substantially complete.
- The permanent pump was set on CW-2 in October.
- CW-2 (8000 gallons) was purged on October 25<sup>th</sup> and checked for Chromium concentrations. The results are being checked.

##### Other

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### ***Tasks Planned:***

#### Groundwater Monitoring Plan

- Since SAD 226 is now complete around the offsite facility, but not at Congress Street, it was decided to delay the lowering of Monitoring Wells (MW's) 47,48,52,55,56,62,and 67 will be delayed until December.
- A report on the drift survey and plugging of MW 71 will be completed shortly. This will result in recommendations to the EPA/NMED in November.
- The annual GWMP sampling will be performed in November.
- MW14 and MW37 (both dry) will be replaced in November.

#### Public Involvement Plan

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#### Offsite-Containment System

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#### Assessment of Aquifer Restoration

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#### Soil Vapor Extraction System

- The October sampling results are being checked and will be sent shortly.
- The draft of the final report is being prepared and will be ready for transmission to the EPA/NMED in November.

#### Source Containment System

- Complete the interior plumbing.
- The final report from CW-2 (8000 gallons) purging and testing for Chromium concentrations will be transmitted to the EPA/NMED shortly. The work plan will be revised to reflect the treatment process that will be pursued.
- Installation of the monitoring control system is planned for November/December.

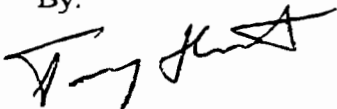
#### Other

- ***Please note:*** Last Months Report Heading read "For month ending September 1, 2001" whereas it was actually a report for "For month ending September 30, 2001".

### ***Problems Encountered or Anticipated:***

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By:



Tony Hurst  
Project Coordinator for Sparton.

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