



FAX

To: Dave Cobrain 505 476 6030

From: Tony Hurst: (303 388 8613)

RE: Monthly Reports: CV-97-0206 (D.N.M) Albuquerque v. Sparton Technology, Inc.

Date	No of Pages	Month
2/9/15	(4 total)	Attached is the January 2015 Monthly Report
3/7/15	(4 total)	Attached is the February 2015 Monthly Report
4/10/15	(3 total) <i>FAYZERO.COM</i>	Attached is the March 2015 Monthly Report
5/8/15	(4 total)	Attached is the April 2015 Monthly Report
6-9-15	(total)	Attached is the May 2015 Monthly Report
7/9/15	(4 total)	Attached is the June 2015 Monthly Report
8/1/15	(3 total)	Attached is the July 2015 Monthly Report
9/1/15	(3 total)	Attached is the August 2015 Monthly Report
10/3/15	(4 total) ———	Attached is the September 2015 Monthly Report
	(total)	Attached is the October 2015 Monthly Report
	(total)	Attached is the November 2015 Monthly Report
	(total)	Attached is the December 2015 Monthly Report

Please call me at 719-649-1944 if you have any questions

Thanks

Tony Hurst

Project Coordinator for Sparton Technology, Inc.

HURST ENGINEERING SERVICES

1022 Monaco St Pkwy* Denver, CO 80220

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MONTHLY PROGRESS REPORT
For month ending September 30th, 2015**CV-97-0206 (D.N.M)**
Albuquerque v. Sparton Technology, Inc.

10/03/15

Tasks Completed:

- A. Groundwater Monitoring Plan
 - Continued to evaluate Monitoring Wells replacement needs.

- B. Public Involvement Plan
 - A combined 2013-2014 Fact Sheet was prepared and submitted to the agencies for review and approval.

- C. Deep Flow Zone System
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- D. Assessment of Aquifer Restoration
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- E. Offsite-Containment System
 - Collected the monthly influent and effluent samples, and measured the water level in the infiltration gallery piezometer.
 - Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-69659.
 - Ongoing remediation of PZG-1 and the monitoring system.
 - The system ran 97.35 % of the time and pumped 11,109,800 gallons (an average of 257.9 gpm). There was one power outage on 9/20 through 9/21/15 totaling 19 hours.

- F. Source Containment System
 - Collected the monthly influent and effluent samples.
 - Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531.
 - Operated the chromium removal unit during the entire month. Continued to route 70% (35 gpm) of the pumped water through the unit and blend it with the remainder of the pumped water to meet the New Mexico Water Quality Control Commission (NMWQCC) chromium standard of 0.050 mg/L in the effluent discharged into the ponds.
 - Replaced the first tank from the chromium removal unit on September 8th and September 28th
 - Replaced the pretreatment filter for the Chromium Exchange tanks on September 8th and September 28th

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- Continued weekly chromium sampling of (a) the influent to the first tank of the chromium removal system; (b) the effluent from the second tank; and (c) the effluent from the air-stripper. All samples of the effluent from the air-stripper were below the NMWQCC chromium standard of 0.050 mg/L.
- The system ran 97.07% of the time and pumped 2,092,500 gallons (an average of 48.6 gpm). There were three outages totaling 21 hours.
 - o There was a tank and filter exchange outage on 9/8/15 for 32 minutes.
 - o There was a power outage from 9/20 to 9/21 for 20 hours 13 minutes.
 - o There was a tank and filter exchange outage on 9/28/15 for 15 minutes.

G. Other***Tasks Planned:*****H. Groundwater Monitoring Plan**

- Continue to evaluate Monitoring Wells replacement needs.
- Preparation for the 4th quarter sampling event.
- A Work Plan will be prepared for the abandonment of wells MW-7 and MW-9 and their replacement with a shallow and a deep well, as proposed in the approved 2014 Annual Report.

I. Public Involvement Plan

- Upon approval of the combined 2013-2014 Fact Sheet, it will be distributed to residents above the plume and along the pipeline to the gallery.

J. Deep Flow Zone System**K. Assessment of Aquifer Restoration****L. Offsite-Containment System**

- The monthly influent and effluent samples will be collected, and the water level will be measured in the infiltration gallery piezometer.
- Necessary gaskets will be changed to remedy leaks.
- PZ-1 will be repaired and returned to original operation.
- Remediation of Air Stripper Discharge pump will continue.
- The required discharge report will be filed with the Office of the State Engineer.

M. Source Containment System

- The monthly influent and effluent samples will be collected.
- The required discharge report will be filed with the Office of the State Engineer.
- Chromium tank exchange chromium sampling of (a) the influent; (b) the effluent from the second tank; and(c) the effluent from the air-stripper will continue. However, sampling will be reduced to once every three weeks prior to the scheduled tank exchange.
- The first tank of the chromium removal unit will be replaced on October 19th

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- The pretreatment filter will be replaced on October 19th
- Gaskets will be changed to remedy leaks.

N. Other

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O. Problems Encountered or Anticipated:

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By:



Tony Hurst
Project Coordinator for Sparton.

Cc: By fax to Mr. Chuck Hendrickson (EPA: 214-665-7263)
Mr. Dave Cobrain (NMED: 505-476-6030)