



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>FAXERO.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
	(total)	Attached is the July 2015 Monthly Report
	(total)	Attached is the August 2015 Monthly Report
	(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

Email: tonyhurst@q.com

MONTHLY PROGRESS REPORTFor month ending June 30th, 2015

CV-97-0206 (D.N.M)

Albuquerque v. Sparton Technology, Inc.

07/09/15

Tasks Completed:

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

- B. Public Involvement Plan
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- C. Deep Flow Zone System
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- D. Assessment of Aquifer Restoration
 - Completed the 2014 Annual Report, which was submitted to the Agencies on June 30th.

- E. Offsite-Containment System
 - Collected the monthly influent and effluent samples, and measured the water level in the infiltration gallery piezometer.
 - Inspected well PZ-1 for suspected malfunction of the monitoring system. The system wiring was found severed, requiring repairs.
 - Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-69659.
 - The system ran 99.96 % of the time and pumped 13,132,400 gallons (an average of 303.7 gpm). There was one outage for 18 minutes on 6/8/15 for routine maintenance.

- F. Source Containment System
 - Collected the monthly influent and effluent samples from the treatment system.
 - Operated the chromium removal unit throughout the operating period of the system. 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 June 15th.
 - Replaced the pre-treatment filter for the chromium removal unit on June 8th and June 19th.
 - Replaced the post-treatment filter at the air stripper effluent on the 2nd, 9th, 16th, 19th, 22nd, and 29th of June.

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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.
- Conducted monthly sampling of pond monitoring well MW-17. Reported concentrations for total and dissolved chromium were 0.043 mg/L and 0.036 mg/L, respectively. Given that total chromium concentrations have been below the NMWQCC standard of 0.050 mg/L for two consecutive months, the well will be put back on a quarterly sampling schedule, starting in August when the 3rd Quarter round of water-level and water-quality monitoring will be conducted.
- Flushed the pipeline to the chromium treatment system to remove excessive build up of iron and manganese, which was causing frequent clogging of the bag filter.
- Hauled decommissioned parts (bladder pumps, etc.) accumulated in the treatment building to Rodgers Environmental Services, Inc., for steam cleaning and proper disposal.
- Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531.
- The system ran 98.85 % of the time and pumped 2,014,900 gallons (an average of 46.6 gpm). There were six outages totaling 8 hours, 18 minutes.
 - o On 6/4/15 for 3 minutes for sump level excursion.
 - o On 6/8/15 for 4 minutes for a filter exchange.
 - o On 6/15/15 for 17 minutes for a tank exchange.
 - o On 6/16/15 for 4 hours 2 minutes for a sump level excursion and filter exchange.
 - o On 6/16/15 for 2 hours 39 minutes for effluent filter bypass.
 - o On 6/18/15 for 43 minutes for Chr. tank bag filter maintenance.

G. Other

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

- Continue to evaluate Monitoring Wells replacement needs.

I. Public Involvement Plan

- Upon approval by the agencies, the 2013 Fact Sheet will be distributed to residents above the plume and along the pipeline to the gallery.

J. Deep Flow Zone System

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K. Assessment of Aquifer Restoration

- The semi-annual progress report for the 1st and 2nd quarter monitoring events will be completed and submitted to the agencies.

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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.
- The wiring of the monitoring system at well PZ-1 will be repaired.
- 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.
- 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 will continue.
- The first tank of the chromium removal unit and the pre-treatment filter will be replaced on July 6th and July 27th.
- The post treatment filter at the air stripper effluent will be replaced on the 6th, 13th, 20th, and 27th of July.
- A letter-report discussing compliance with the chromium concentration criteria of Discharge Permit DP-1184, since the installation of the chromium removal unit, will be prepared and submitted to the Water Quality Bureau of NMED.

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)