



Sparton
Monthly Progress
Report 10/8/14

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
1/10/14	(4 total)	Attached is the December 2013 Monthly Report
2/7/14	(3 total)	Attached is the January 2014 Monthly Report
3/7/14	(3 total)	Attached is the February 2014 Monthly Report
4/8/14	() total	Attached is the March 2014 Monthly Report
5/9/14	(4 total)	Attached is the April 2014 Monthly Report
6/9/14	() total	Attached is the May 2014 Monthly Report
7/9/14	(3 total)	Attached is the June 2014 Monthly Report
8/6/14	(4 total)	Attached is the July 2014 Monthly Report
9/6/14	(4 total)	Attached is the August 2014 Monthly Report
10/8/14	(4 total)	Attached is the September 2014 Monthly Report
	() total	Attached is the October 2014 Monthly Report
	() total	Attached is the November 2014 Monthly Report
	() total	Attached is the December 2014 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

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MONTHLY PROGRESS REPORT
For month ending September 30th, 2014**CV-97-0206 (D.N.M)**
Albuquerque v. Sparton Technology, Inc.

10/04/14

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
 - Received approval of the 2013 Annual Report.
- E. Offsite-Containment System
 - The system ran 96.77% of the time and pumped 12,703,300 gallons (an average of 294.5 gpm). There was one outage totaling 23 hours 15 minutes on 9/16-17 and was a result of the discharge pump not restarting.
 - Collected the monthly influent and effluent samples from the treatment system, 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.
 - Recharged the fire distinguishers in the treatment building.
 - Reviewed plans for a large drop structure proposed by AMAFCA in the Arroyo de las Calabacillas, near the infiltration gallery, and attended a field coordination meeting.
- F. Source Containment System
 - The system ran 99.63% of the time and pumped 2,186,900 gallons (an average of 50.7 gpm). There was three outages totaling 2 hours 41 minutes.
 - o On September 4th as a result of a power outage.
 - o On September 11th as a result of filter exchange.
 - o On September 15th as a result of tank exchange.
 - Collected the monthly influent and effluent samples from the treatment system.
 - 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; 70% (35 gpm) of the pumped water was routed through the unit and blended with the remainder of the

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pumped water to meet the New Mexico Water Quality Control Commission chromium standard of 0.050 mg/L in the effluent discharged into the ponds.

- Continued the semi-weekly (Mondays and Thursdays) sampling for chromium of the influent, mid-tank flow, and effluent of the chromium unit until September 15; after that date samples were collected only from the influent to and effluent from the entire treatment system and sampling frequency was reduced to weekly (Mondays only).
- Replaced the first tank from the chromium removal unit on September 15.
- Conducted the monthly sampling of pond monitoring wells MW-17 and MW-78 for chromium.
- Made arrangements for the proper disposal of accumulated sludge from pipeline cleanup currently stored onsite in 35- and 50-gallon drums.
- Recharged the fire extinguishers in the treatment building.

G. Other

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

- Continue to evaluate Monitoring Wells replacement needs.
- Will coordinate with agencies split sampling during the 4th Quarter GWMP sampling event that will take place in November.

I. Public Involvement Plan

- Will prepare 2013 Fact Sheet and distribute to residents living above the plume and along the pipeline to the infiltration gallery upon approval by the NMED and the EPA.

J. Deep Flow Zone System

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K. Assessment of Aquifer Restoration

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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 required discharge report will be filed with the Office of the State Engineer.
- A pre-bid conference scheduled by AMAFCA on the planned drop structure will be attended.

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 the influent to, and effluent from the treatment system will continue.

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- The first tank of the chromium removal unit will be replaced two times this month (October 6 and October 27), if influent chromium concentrations persist at current levels.
- Monthly monitoring of chromium concentrations in pond monitoring wells MW-17 and MW-78 will continue.
- The drums filled with sludge from pipeline clean-up will be disposed.
- The fence around the infiltration pond area will be modified to enclose Ponds 1 & 2 which are the only ponds that remain and are currently in use.

N. OtherO. Problems Encountered or Anticipated:

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)