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
	(_ 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
1022 Monaco St Pkwy* Denver, CO 80220
Email: tonyhurst@ q.com

MONTHLY PROGRESS REPORT
For month ending August 31st , 2014

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

09/06/14

Tasks Completed:

A. Groundwater Monitoring Plan
- Continued to evaluate Monitoring Wells replacement needs.
- The 3rd Quarter round of water-level and water-quality monitoring was conducted between August 5-6 and August 7-13, respectively, including the monthly monitoring of chromium concentrations in pond monitoring wells MW-17 and MW-78.

B. Public Involvement Plan
-

C. Deep Flow Zone System
-

D. Assessment of Aquifer Restoration
-

E. Offsite-Containment System
- The monthly influent and effluent samples were collected from both the off-site and source containment systems.

F. Source Containment System
- See Offsite-Containment reporting for common activities.
- The monthly discharge reports for both containment systems were filed with the Office of the State Engineer.
- Continued work on development of a maintenance schedule for both the off-site and source containment systems and on updating the operating manuals for both systems. Additional details on the operation and maintenance of the source containment system chromium treatment unit were compiled and reviewed, to be included in the maintenance schedule and operation manual of the source containment system.
- The chromium removal unit at the source containment system was operational during the entire month, and semi-weekly (Mondays and Thursdays) sampling of the influent, mid-tank flow, and effluent for chromium continued throughout the month. During the month, the influent from CW-2 was about 50 gpm, and the percentage of the influent routed through the chromium removal unit was 70% (35 gpm). Another replacement of the first tank from the source containment system chromium removal unit occurred on August 22. Based on a continuing evaluation of the semi-weekly chromium data, it was determined that, if chromium concentrations

Phone and Fax: (303) 388-8613♦Cell: (719) 649-1944

HURST ENGINEERING SERVICES
1022 Monaco St Pkwy• Denver, CO 80220
Email: tonyhurst@ q.com

in the influent remain at the current levels of about 0.1 mg/L, the percentage of the effluent that is routed through the chromium removal unit must continue to be 70%, that is 35 gpm, to maintain the effluent concentrations below the New Mexico standard of 0.050 mg/L. This evaluation also indicated that the replacement frequency for the first of the ion-exchange tanks should be about three weeks (21 to 24 days). Adjustments to the results of this evaluation may be necessary in the future if significant changes occur in the influent chromium concentrations.

- Accumulated sludge from pipeline cleanup over the last few years is currently stored onsite in 35- and 50-gallon drums and needs to be disposed of. Lab reports on sludge samples are available and the results are being evaluated as inquiries to several contractors have been made on necessary arrangements for the proper disposal.

G. Other
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Tasks Planned:

H. Groundwater Monitoring Plan
- Continue to evaluate Monitoring Wells replacement needs.

I. Public Involvement Plan
-

J. Deep Flow Zone System
-

K. Assessment of Aquifer Restoration
- The monthly influent and effluent samples will be collected from both the off-site and source containment systems.

L. Offsite-Containment System
- The system ran 98.1% of the time and pumped 13,231,800 gallons (an average of 296.4 gpm). There was three outages totaling 849 minutes.
   o On August 2nd as a result of a high sump level.
   o On August 15-16 due to a power outage.
   o On August 16th as a result of a high stripper sump level.

M. Source Containment System
- The system ran 97.21% of the time and pumped 2,185,100 gallons (an average of 48.8 gpm). There was three outages totaling 1250 minutes.
   o On August 2nd and August 15-16 as a result of a power outage.
   o On August 22nd - a restart issue.
- The maintenance schedules and the updated operating manuals for both the off-site and source containment systems will be completed.
- At least one tank replacement from the source containment system chromium removal unit is expected to be required, if influent chromium concentrations persist at current levels.

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- Based on evaluation of chromium monitoring data at the source containment system, no further adjustments to the flow through the chromium removal system are necessary. Sampling frequency of chromium concentrations in influent, mid-tank flow, and effluent will be reduced to weekly. Flow through the chromium removal system will not be further adjusted and it will remain at about 35 gpm.
- The fencing is to be modified to accommodate the Pond modification

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)