

HURST ENGINEERING SERVICES

1022 Monaco St Pkwy* Denver, CO 80220

Email: tonyhurst7@live.com



MONTHLY PROGRESS REPORT
For month ending February 28th, 2016

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

03/09/16

Tasks Completed:

A. Groundwater Monitoring Plan

- Continued to evaluate Monitoring Wells replacement needs.
- 1st Quarter Sampling event was completed. Water Surface Measurements were taken on February 2nd and February 3rd.
- Ground Water Sampling was completed on February 4th to February 5th and February 8th to February 12th.

B. Public Involvement Plan

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C. Deep Flow Zone System

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D. Assessment of Aquifer Restoration

- Continued compilation and review of monitoring data in preparation of the CY2015 annual report.

E. Offsite-Containment System

- The system ran 100.0% of the time and pumped 12,594,300 gallons (an average of 301.2 gpm).
- 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.

F. Source Containment System

- The system ran 99.97 % of the time and pumped 2,134,400 gallons (an average of 51.4 gpm). There was one outage for a tank exchange on 2/22 for 13 minutes.
- Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531
- Collected the monthly influent and effluent samples from the treatment system
- 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, was conducted on January 11th, prior to the scheduled tank exchange.

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Effluent concentration from the air-stripper was below the NMWQCC chromium standard of 0.050 mg/L.

- Replaced the first tank from the chromium removal unit on February 1st and February 22nd
- Replaced the pretreatment filter for the Chromium Exchange tanks on February 1st and February 16th
- Collected chromium samples of (a) the influent to the building; (b) the effluent from the second tank; and (c) the effluent from the air-stripper on tank exchange day; February 1st and February 22nd

G. Other

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Tasks Planned:

H. Groundwater Monitoring Plan

- Continue to evaluate Monitoring Wells replacement needs.

I. Public Involvement Plan

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J. Deep Flow Zone System

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K. Assessment of Aquifer Restoration

- Continue compilation and review of monitoring data in preparation of the CY2015 annual report.

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 monitoring system continue to be repaired and upgraded.
- The remaining upper three gaskets will be replaced to remedy leaks on March 2nd to March 3rd.
- 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.
- 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.
- The first tank of the chromium removal unit will be replaced on March 14th.
- The pretreatment filter will be replaced on March 1st, March 14th, and March 28th.
- The 2015 Annual Report on Air Emissions from the air stripper will be prepared and submitted to the Air Quality Division of the City of Albuquerque Environmental Health Department, as required by the Authority-to-Construct Permit #1203.

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N. Other

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O. Problems Encountered or Anticipated:

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By:

Tony Hurst

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Mr. Dave Cobrain (NMED: 505-476-6030)