

HURST ENGINEERING SERVICES

1022 Monaco St Pkwy* Denver, CO 80220

Email: tonyhurst7@live.com



MONTHLY PROGRESS REPORT
For month ending March 31st, 2015

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

04/07/16

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

- E. Offsite-Containment System
 - The system ran 96.53 % of the time and pumped 13,133,700 gallons (an average of 293.7 gpm). There was one outage for a stripper gasket change on 3/2 to 3/3 for 25 hours 53 minutes.
 - Collected the monthly influent and effluent samples, and measured the water level in the infiltration gallery.
 - 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 99.91 % of the time and pumped 2,311,900 gallons (an average of 51.5 gpm). There was two outages
 - o For a filter exchange on 3/1 for 7 minutes.
 - o For a tank and filter exchange on 3/14 for 34 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.
 - Collected the monthly influent and effluent samples from the treatment system; and
 - 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

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(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 March 14th.
- Replaced the pretreatment filter for the Chromium Exchange tanks on March 1st, March 14th, and March 28th.
- 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; March 14th.
- Prepared the 2015 Annual Report on Air Emissions from the air stripper and submitted it on March 3rd to the Air Quality Division of the City of Albuquerque Environmental Health Department, as required by the Authority-to-Construct Permit #1203.

G. Other

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Tasks Planned:

H. Groundwater Monitoring Plan

- Continue to evaluate Monitoring Wells replacement needs.
- 2nd Quarter sampling list will be clarified and approved.
- Sample kits will be ordered from Hall Environmental Analysis Laboratory.
- Water levels for the 2nd quarter sampling event will be gathered on May 1st and May 2nd.
- Sampling for the 2nd quarter will begin on May 2nd.

I. Public Involvement Plan

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J. Deep Flow Zone System

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K. Assessment of Aquifer Restoration

- Review and analyses 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 will continue to be repaired and upgraded.
- 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; and
- 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 April 4th and April 25th.

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- The pretreatment filter will be replaced on April 11th and April 25th.

N. Other

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O. Problems Encountered or Anticipated:

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By:

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