

ST
HURST ENGINEERING SERVICES

1022 Monaco St Pkwy* Denver, CO 80220

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MONTHLY PROGRESS REPORT
For month ending November 30th, 2015
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.

12/09/15

Tasks Completed:

A. Groundwater Monitoring Plan

- Continued to evaluate Monitoring Wells replacement needs.
- The 4th Quarter 2015 round of water-level monitoring was conducted. Water-quality monitoring was completed for most but a few wells due to delays caused by the need to repair sampling equipment (bladder pumps).

B. Public Involvement Plan

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C. Deep Flow Zone System

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D. Assessment of Aquifer Restoration

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E. Offsite-Containment System

- The system ran 99.48% of the time and pumped 10,972,200 gallons (an average of 271.7 gpm). There was one outage (3 hours, 29 minutes) to facilitate the air stripper sump pump.
- 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.
- Ongoing remediation of the monitoring system.
- Reroofing of the building was completed.
- Air Stripper Discharge pump was replaced.

F. Source Containment System

- The system ran 99.91% of the time and pumped 1,988,600 gallons (an average of 49.4 gpm). There was one outage for 35 minutes for a tank exchange.
- 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 November 9th and 30th, prior to the scheduled tank exchange. Operated the chromium removal unit during the entire month. Continued

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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 November 9th and 30th.
- Replaced the pretreatment filter for the Chromium Exchange tanks on November 9th and 30th.
- Reroofing of the building was completed.

G. Other

Tasks Planned:

H. Groundwater Monitoring Plan

- Continue to evaluate Monitoring Wells replacement needs.
- The 4th Quarter 2015 round of water-quality monitoring will be completed by sampling the remaining few wells in early December.
- Compilation and review of monitoring data from the entire year will commence in preparation of the CY2015 annual report.

I. Public Involvement Plan

J. Deep Flow Zone System

K. Assessment of Aquifer Restoration

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.
- Necessary gaskets will be changed to remedy leaks.
- Ongoing remediation of the monitoring system.
- 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.
- System will continue to be operated as continuously as possible, and maintained as necessary.
- The required discharge report will be filed with the Office of the State Engineer.
- Chromium sampling of (a) the influent; (b) the effluent from the second tank; and (c) the effluent from the air-stripper will continue on tank exchange days.
- The first tank of the chromium removal unit will be replaced on December 21st; and
- The pretreatment filter will be replaced on December 21st.
- Gaskets will be changed to remedy leaks.

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N. Other

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O. Problems Encountered or Anticipated:

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By:

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