



MONTHLY PROGRESS REPORT
For month ending December 31st, 2015

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

01/09/16

Tasks Completed:

- A. Groundwater Monitoring Plan
 - Continued to evaluate Monitoring Wells replacement needs.
 - The 4th Quarter 2015 round of water-quality sampling was completed.

- B. Public Involvement Plan
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- C. Deep Flow Zone System
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- D. Assessment of Aquifer Restoration
 - Commenced compilation and review of monitoring data from the entire year in preparation of the CY2015 annual report.

- E. Offsite-Containment System
 - The system ran 69.99% of the time and pumped 9,041,500 gallons (an average of 209.2 gpm). There was two outages:
 - o One on 12/2 through 12/3 for 22 hours 40 minutes from a power outage.
 - o One on 12/15 through 12/23 for 193 hours 30 minutes for cleaning.
 - Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-69659.
 - Collected the monthly influent and effluent samples, and measured the water level in the infiltration gallery piezometer.
 - Air Stripper was cleaned and the lower three gaskets were replaced.

- F. Source Containment 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 December 21st, prior to the scheduled tank exchange. Effluent concentration from the air-stripper was below the NMWQCC chromium standard of 0.050 mg/L.
 - Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531
 - The system ran 99.94% of the time and pumped 2,290,600 gallons (an average of 53.0 gpm). There was three outages

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1022 Monaco St Pkwy* Denver, CO 80220

Email: tonyhurst7@live.com

- one for 3 hours 20 minutes on 12/2 for a power outage.
 - One for 10 minutes on 12/16 for an inspection.
 - One for 50 minutes on 12/18 to test the monitoring system.
 - Collected the monthly influent and effluent samples from the treatment system
 - 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 (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 December 21st
 - Replaced the pretreatment filter for the Chromium Exchange tanks on December 21st
 - 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, December 21st
 - Tested the monitoring system with Robert Powell, Class One Environmental.
 - Reorder the gaskets since the ones sent out were the incorrect size.
- G. Other

Tasks Planned:

H. Groundwater Monitoring Plan

- Continue to evaluate Monitoring Wells replacement needs.
- The First Quarter 2016 Sampling Plan will be finalized for February sampling.
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I. Public Involvement Plan

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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 monitoring system will be tested for every point of failure.
- The required discharge report will be filed with the Office of the State Engineer.
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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 January 11th
- The pretreatment filter will be replaced on January 11th
- Gaskets will be changed to remedy leaks.
- The DP-1184 Annual Report will be prepared as required by the permit.

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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)