

MONTHLY PROGRESS REPORT  
For month ending January 31, 2019

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

02/07/2019

***Tasks Completed:***

A. Groundwater Monitoring Plan

- The DP-1184 Annual Monitoring Report was submitted to the NMED Ground Water Quality Bureau on January 31, 2019.
- Sparton continued permitting and planning activities related to the plugging and abandonment of MW-62 and the installation of replacement well MW-62R.

B. Public Involvement Plan

- None

C. Deep Flow Zone System

- None

D. Assessment of Aquifer Restoration

- None

E. Offsite-Containment System (CW-1)

- The system ran 100 % of the time and pumped 13,483,913 gallons (an average of 302.1 gallons per minute [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.
- The Aqua-Mag tank was replenished two times:
  - o On 01/08/19 with 20.3 gallons.
  - o On 01/24/19 with 24.9 gallons.

F. Source Containment System (CW-2)

- The system ran over 99.9% of the time and pumped 2,787,896 gallons (an average of 62.5 gpm). Scheduled shutdown included:
  - o On 01/03/19 for 9 minutes for a tank exchange.
  - o On 01/31/19 for 32 minutes for a tank exchange.



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- 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.
- Continued operating the chromium removal unit at 27 gpm and blending the post-treatment water back with the remainder of the pumped water to meet the New Mexico Water Quality Control Commission (NMWQCC) chromium standard of 0.050 milligrams per liter (mg/L) in effluent discharged to the ponds.
- Replaced the first tank of the chromium removal unit on 01/03/19 and 01/31/19.
- Replaced the pretreatment filter for the chromium removal unit on 01/21/19.
- Prior to the tank exchange collected chromium samples from (a) the influent to the building; (b) the effluent from the second chromium removal tank; and (c) the effluent from the air-stripper.
- The Aqua-Mag Tank was replenished on 01/07/19 with 25.8 gallons, and on 01/28/19 with 18.4 gallons.

G. Other

- All field activities were performed by EA personnel and subcontractors following standard operating procedures, including health and safety requirements, outlined in the Operation and Maintenance Manuals of the On-Site and Off-Site Containment Systems.

H. Problems Encountered or Anticipated:

- None.

***Tasks Planned:***

I. Groundwater Monitoring Plan

- Sparton will proceed with plugging and abandonment of MW-62 and the installation of replacement well MW-62R. Scheduled for week of February 11, 2019
- The 1<sup>st</sup> quarter groundwater sampling event scheduled for early- through mid-February 2019.

J. Public Involvement Plan

- None

K. Deep Flow Zone System

- None

L. Assessment of Aquifer Restoration

- In preparation of the 2018 Annual Report, Sparton will begin the assembly and evaluation of the data collected during 2018.



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M. 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 required discharge report will be filed with the Office of the State Engineer.

N. 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 02/28/2019.
- The pretreatment filter will be replaced on an as need basis as pressure rises or flow is reduced in the chromium removal system.

O. Other

- None

P. Problems Encountered or Anticipated:

- None

By:

Robert Marley  
Project Manager for EA on behalf of Sparton.

Cc: Mr. Chuck Hendrickson (EPA: 214-665-7263)  
Mr. Dave Cobrain (NMED: 505-476-6030)

07 February 2019

Mr. Charles Palmer  
Office of the State Engineer  
5550 San Antonio Dr. NE  
Albuquerque, New Mexico  
Dist1.meterreadings@state.nm.us

RE: Permit RG-69659, RG-73531T

Dear Mr. Palmer:

Below is the meter report for the month of January 2019. A total of 13,483,913 gallons were treated by the air stripper at CW-1 and discharged via underground pipeline to the infiltration gallery located in the Calabacillas Arroyo. A total of 2,787,896 gallons were treated by the CW-2 treatment system and discharged into rapid infiltration pond number 2 located northwest of the treatment building.

| Date            | CW-1          |            | CW-2          |           |
|-----------------|---------------|------------|---------------|-----------|
|                 | Meter Reading | Discharge  | Meter Reading | Discharge |
| 01/01/2019      | 295,447,549   | 0          | 49,711,675    | 0         |
| 01/31/2019      | 308,931,462   | 13,483,913 | 52,499,571    | 2,787,896 |
| Total (gallons) |               | 13,483,913 |               | 2,787,896 |

Thank you,

EA ENGINEERING, SCIENCE,  
AND TECHNOLOGY, INC., PBC

Robert Marley  
Project Manager