

MONTHLY PROGRESS REPORT
For month ending February 28, 2019

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

03/07/2019

Tasks Completed:

A. Groundwater Monitoring Plan

- Completed plugging and abandonment of MW-62; and the installation and sampling of replacement well MW-62R.
- Completed 1st quarter groundwater sampling event.

B. Public Involvement Plan

- None

C. Deep Flow Zone System

- None

D. Assessment of Aquifer Restoration

- Continued the assembly and evaluation of the data collected during 2018 in preparation of the 2018 Annual Report.

E. Offsite-Containment System (CW-1)

- The system ran 100 % of the time and pumped 12,177,674 gallons (an average of 302.0 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 02/08/19 with 23.9 gallons.
 - o On 02/25/19 with 26.8 gallons.

F. Source Containment System (CW-2)

- The system ran over 98.3% of the time and pumped 2,469,260 gallons (an average of 62.3 gpm). Shutdowns included:
 - o On 02/10/19 for 651 minutes due to an air stripper level control fault.
 - o On 02/28/19 for 17 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 02/28/19.
- Replaced the pretreatment filter for the chromium removal unit on 02/18/19.
- 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 02/25/19 with 14.2 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

- None

J. Public Involvement Plan

- None

K. Deep Flow Zone System

- None

L. Assessment of Aquifer Restoration

- Assembly and evaluation of the data collected during 2018 will continue in preparation of the 2018 Annual Report.

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.



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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 in late March.
- The pretreatment filter will be replaced on an as need basis as pressure rises or flow is reduced in the chromium removal system.
- The 2018 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.

O. Other

- None

P. Problems Encountered or Anticipated:

- None

By:

A handwritten signature in black ink that reads 'Bob Marley'. The signature is written in a cursive, flowing style.

Bob Marley
EA Project Manager on behalf of Sparton.

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

07 March 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 February 2019. A total of 12,177,674 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 2,469,260 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
02/28/2019	321,109,136	12,177,674	54,968,831	2,469,260
Total (gallons)		25,661,587		5,257,156

Thank you,

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



Bob Marley
Project Manager