EA Engineering, Science, and Technology, Inc., PBC

ENTERED

MONTHLY PROGRESS REPORT
For month ending March 31, 2019

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

04/08/2019

Tasks Completed:

A. Groundwater Monitoring Plan

- Submitted to NMED Hazardous Waste Bureau and the U.S. EPA document titled "*Completion Report for Monitoring Well MW-62 Replacement*".

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.
- The 2018 Annual Report on Air Emissions from the air stripper was submitted to the Air Quality Division of the City of Albuquerque Environmental Health Department, as required by the Authority-to-Construct Permit #1203.

E. Offsite-Containment System (CW-1)

- The system ran 100 % of the time and pumped 13,486,662 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:
    - On 03/16/19 with 27.5 gallons.
    - On 03/23/19 with 8.3 gallons.

F. Source Containment System (CW-2)

- The system ran 100 % of the time and pumped 2,750,983 gallons (an average of 61.6 gpm).

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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 pretreatment filter for the chromium removal unit on 03/23/19.
- The Aqua-Mag Tank was replenished on 03/16/19 with 9.7 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.

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.

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- The first tank of the chromium removal unit will be replaced on April 2, 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:

Bob Marley

Bob Marley
EA Project Manager on behalf of Sparton.

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

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08 April 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 March 2019. A total of 13,486,662 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 2,750,983 gallons were treated by the CW-2 treatment system and discharged into rapid infiltration pond number 2 located northwest of the treatment building.

	CW-1		CW-2	
Date	**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
03/31/2019	334,595,798	13,486,662	57,719,814	2,750,983
Total (gallons)		39,148,249		8,008,139

Thank you,

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

Bob Marley

Bob Marley
Project Manager