



MONTHLY PROGRESS REPORT For month ending June 30, 2019

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

07/10/2019

Tasks Completed:

A. Groundwater Monitoring Plan

- None

B. Public Involvement Plan

- None

C. Deep Flow Zone System

- None

D. Assessment of Aquifer Restoration

- Completed and submitted the CY2018 Annual Report.

E. Offsite-Containment System (CW-1)

- The system ran 100 % of the time and pumped 13,058,570 gallons (an average of 302.3 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 on 06/14/19 with 25.8 gallons.

F. Source Containment System (CW-2)

- The system ran 99.9 % of the time and pumped 2,498,016 gallons (an average of 57.8 gpm).
- 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.
- 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 chromium removal unit operated at a flow rate of approximately 20 gpm.
- The Aqua-Mag tank was replenished on 06/21/19 with 20.8 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

- None.

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.
- The first tank of the chromium removal unit will be replaced on July 11, 2019.
- Prior to the tank exchange, chromium samples will be collected 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 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
EA Project Manager on behalf of Sparton

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

10 July 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 June 2019. A total of 13,058,570 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 2,498,016 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
03/31/2019	334,595,798	13,486,662	57,719,814	2,750,983
04/30/2019	347,652,848	13,057,050	60,340,229	2,620,415
05/31/2019	360,874,980	13,222,132	62,998,623	2,658,394
06/30/2019	373,933,550	13,058,570	65,496,639	2,498,016
Total (gallons)		78,486,001		15,784,964

Thank you,

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



Bob Marley
Project Manager