



MONTHLY PROGRESS REPORT For month ending July 31, 2019

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

08/08/2019

Tasks Completed:

- A. Groundwater Monitoring Plan
 - Prepared for 3rd quarter sampling event in August.
- 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 operated 100 % of the time and pumped 13,477,649 gallons (an average of 301.9 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 three times
 - o On 07/01/19 with 25.3 gallons.
 - o On 07/17/19 with 23.9 gallons.
 - o On 07/29/19 with 18.8 gallons.
- F. Source Containment System (CW-2)
 - The system ran 99.9 % of the time and pumped 2,443,013 gallons (an average of 54.7 gpm). There was one system shutdown:
 - o On 07/11/19 for 28 minutes for chromium removal tank exchange.
 - Collected the monthly influent and effluent samples from the treatment system.
 - 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 prior to the chromium tank exchange.
 - The chromium removal unit operated at a flow rate of approximately 20 gpm.



- Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531.
- Replaced the pretreatment filter for chromium removal unit on 07/8/19.
- The Aqua-Mag tank was replenished once.
 - o On 07/17/19 with 21.5 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:

- Declining flow rate trend observed at CW-2.

Tasks Planned:

I. Groundwater Monitoring Plan

- Complete 3rd quarter sampling event.

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 August 15, 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

- Plan to clean discharge line between CW-2 and the treatment building and assess reason for declining well yield.



P. Problems Encountered or Anticipated:
- None.

By:

A handwritten signature in black ink that reads 'Bob Marley'. The signature is written in a cursive style with a large, sweeping 'B' and a distinct 'y' tail.

Bob Marley
EA Project Manager on behalf of Sparton

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

08 August 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 July 2019. A total of 13,477,649 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 2,443,013 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
07/31/2019	387,411,199	13,477,649	67,939,652	2,443,013
Total (gallons)		91,963,650		18,227,977

Thank you,

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



Bob Marley
Project Manager