



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



## MONTHLY PROGRESS REPORT For month ending August 31, 2020

CV-97-0206 (D.N.M)

Albuquerque v. Sparton Technology, Inc.

09/09/2020

### ***Tasks Completed:***

A. Groundwater Monitoring Plan

- The 3<sup>rd</sup> quarter groundwater sampling event was completed. In addition to the 15 monitoring wells that are usually sampled during the 3<sup>rd</sup> quarter sampling event the remaining 42 monitoring wells were sampled for 1,4-dioxane.

B. Public Involvement Plan

- None.

C. Deep Flow Zone System

- None.

D. Assessment of Aquifer Restoration

- The 2019 Annual Report was approved by the agencies on August 25, 2020.

E. Offsite-Containment System (CW-1)

- The system operated 100% of the time and pumped 13,399,897 gallons (an average of 300.2 gallons per minute [gpm]). There were zero system shutdowns.
- 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 the following time(s):
  - o On 08/06/20 with 23.9 gallons.
  - o On 08/25/20 with 26.1 gallons.

F. Source Containment System (CW-2)

- The system ran 100% of the time and pumped 2,529,412 gallons (an average of 56.7 gpm). There was zero system shutdowns.
- Collected the monthly influent and effluent samples from the treatment system.
- The chromium tanks remain disconnected from the treatment system.



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- Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531.
- The Aqua-Mag tank was replenished the following time(s):
  - o On 08/25/20 with 23.4 gallons.
- The pretreatment filter was replaced on 08/25/20.

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

- The 2020 Fact Sheet will be prepared and submitted to the agencies for review and approval, before its distribution.

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 chromium removal system will remain in stand-by mode.
- The pretreatment filter will be replaced on an as need basis as pressure rises.

O. Other

- None.

P. Problems Encountered or Anticipated:

- None.



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and Technology, Inc., PBC

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)

09 September 2020

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 August 2020. A total of 13,399,897 gallons of water were discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,529,412 gallons were discharged through the CW-2 treatment system to rapid infiltration pond numbers 2 and 3 located northwest of the treatment building.

Date	CW-1		CW-2	
	Meter Reading	Discharge	Meter Reading	Discharge
01/01/2020	453,440,391	0	79,788,446	0
01/31/2020	466,926,228	13,485,837	82,327,681	2,539,235
02/29/2020	479,539,761	12,613,533	84,696,707	2,369,026
03/31/2020	492,534,350	12,994,589	87,181,293	2,484,586
04/30/2020	505,497,929	12,963,579	89,587,621	2,406,328
05/31/2020	518,902,985	13,405,056	92,025,855	2,438,234
06/30/2020	531,890,331	12,987,346	94,213,672	2,187,817
07/31/2020	545,300,370	13,410,039	96,748,265	2,534,593
08/31/2020	558,700,267	13,399,897	99,277,677	2,529,412
Total (gallons)		105,259,876		19,489,231

Sincerely,

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



Bob Marley  
Project Manager