



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



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

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

Albuquerque v. Sparton Technology, Inc.

01/05/2021

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

- A. Groundwater Monitoring Plan
- None
- 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 13,395,916 gallons (an average of 300.1 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 12/07/20 with 26.8 gallons.
    - o On 12/23/20 with 25.1 gallons.
- F. Source Containment System (CW-2)
- The system ran 100% of the time and pumped 2,351,857 gallons (an average of 52.7 gpm). There was zero system shutdowns.
  - Collected the monthly influent and effluent samples from the treatment system.
  - 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 12/18/20 with 19.9 gallons.
  - The pretreatment filter was replaced on 12/07/20.
- 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.



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***Tasks Planned:***

- I. Groundwater Monitoring Plan
  - A summary data report, comprising the sampling data for 1,4-dioxane from the 3<sup>rd</sup> and 4<sup>th</sup> quarter 2020 groundwater monitoring events, will be submitted to the agencies.
  - The DP-1184 Annual Monitoring Report will be submitted to the NMED Ground Water Quality Bureau.
- J. Public Involvement Plan
  - None.
- K. Deep Flow Zone System
  - None.
- L. Assessment of Aquifer Restoration
  - Assembly and evaluation of the data collected during 2020 will commence in preparation of the 2020 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.
  - The pretreatment filter will be replaced on an as need basis as pressure rises.
- 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: Ms. Laurie King (EPA: 214-665-6771)  
Mr. Dave Cobrain (NMED: 505-476-6030)

05 January 2021

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 December 2020. A total of 13,395,916 gallons of water were discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,351,857 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
09/30/2020	571,685,988	12,985,721	101,710,560	2,432,883
10/31/2020	585,107,470	13,421,482	104,188,388	2,477,828
11/30/2020	598,077,872	12,970,402	106,549,345	2,360,957
12/31/2020	611,473,788	13,395,916	108,901,202	2,351,857
<b>Total (gallons)</b>		<b>158,033,397</b>		<b>29,112,756</b>

Sincerely,

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



Bob Marley  
Project Manager