



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



MONTHLY PROGRESS REPORT
For month ending July 31, 2021
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.
08/05/2021

Tasks Completed:

- A. Groundwater Monitoring Plan
- None.
- B. Public Involvement Plan
- None.
- C. Deep Flow Zone System
- None.
- D. Assessment of Aquifer Restoration
- Completed the 2020 Annual Report and submitted to the Agencies on July 13, 2021.
- E. Offsite-Containment System (CW-1)
- The system operated 100% of the time and pumped 13,379,187 gallons (an average of 299.7 gallons per minute [gpm]). There were no 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 07/02/21 with 23.9 gallons.
 - o On 07/19/21 with 24.3 gallons.
- F. Source Containment System (CW-2)
- The system operated 99.9% of the time and pumped 2,468,581 gallons (an average of 55.3 gpm). There was one system shutdown.
 - o On 07/12/21 for 29 minutes to fix a stuck level sensor that was causing excessive cycling of the effluent discharge pump.
 - 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 07/28/21 with 15.0 gallons.
 - The pretreatment filter did not require replacement during the reporting period.
- 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

- Complete 3rd quarterly groundwater monitoring event.

J. Public Involvement Plan

- Upon approval of the 2020 Annual Report, the 2021 Fact Sheet will be prepared and submitted to the Agencies for approval before distribution.

K. Deep Flow Zone System

- None.

L. Assessment of Aquifer Restoration

- None

M. Offsite-Containment System (CW-1)

- 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 (CW-2)

- 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 Anticipated or that May Be Encountered:

- 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: Mr. Greg Lyssy (EPA: 214-665-8317)
Mr. Dave Cobrain (NMED: 505-476-6030)



320 Gold Ave SW, Suite 1300
Albuquerque, NM 87102
Telephone: 505-224-9013
www.eaest.com

05 August 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 July 2021. A total of 13,379,187 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,468,581 gallons of water was discharged through the CW-2 treatment system to rapid infiltration pond number three located north of the treatment building.

Date	CW-1		CW-2	
	Meter Reading	Discharge	Meter Reading	Discharge
01/01/2021	611,473,788	0	108,901,202	0
01/31/2021	624,885,446	13,411,658	16,123,138	2,260,702
02/28/2021	637,003,846	12,118,400	18,126,318	2,003,180
03/31/2021	649,819,194	12,815,348	20,240,225	2,113,907
04/30/2021	662,181,726	12,362,532	22,294,226	2,054,001
05/31/2021	665,304,596	3,122,870	24,562,874	2,268,648
06/30/2021	678,227,081	12,922,485	116,957,766	2,399,380
07/31/2021	691,606,268	13,379,187	119,426,347	2,468,581
Total (gallons)		80,132,480		15,568,399

Notes: CW-2 influent meter malfunctioned in January 2021; effluent meter readings are used to calculate monthly discharge for January - May 2021. Influent meter operation restored starting with June 2021 readings.

Sincerely,

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

Bob Marley
Project Manager