



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



MONTHLY PROGRESS REPORT

For month ending June 30, 2022

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

Albuquerque v. Sparton Technology, Inc.

07/06/2022

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 2021 Annual Report and submitted it to the Agencies on 06/29/22.
- E. Offsite-Containment System (CW-1)
 - The system operated 100% of the time and pumped 12,868,177 gallons (an average of 297.9 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 06/01/22 with 24.1 gallons.
 - o On 06/13/22 with 17.2 gallons
 - o On 06/27/22 with 19.4 gallons.
- F. Source Containment System (CW-2)
 - The system operated 96.4% of the time and pumped 1,942,193 gallons (an average of 45.0 gpm). There was one system shutdown:
 - o On 06/28/22 for 1,549 minutes to pull and inspect pumping system, and to clean well by airlift pumping.
 - 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 06/20/22 with 22.8 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.



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H. Problems Encountered or Anticipated

- A problem developed with the pumping water level at well CW-2 due to the fouling of the well pump and screen. As discussed in item F, the problem was partially resolved by pulling and inspecting the pump and cleaning the well screen by airlift pumping. Pumping water levels will continue to be monitored, and additional well rehabilitation measures will be implemented as needed to maintain well function.

Tasks Planned:

I. Groundwater Monitoring Plan

- Planning for 3rd quarterly groundwater sampling event scheduled for completion during the first two weeks of August.

J. Public Involvement Plan

- Upon approval of the 2020 and 2021 Annual Reports, a combined 2022 Fact Sheet on remedial activities during 2020 and 2021 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.

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)

06 July 2022

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 2022. A total of 12,868,177 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 1,942,193 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
01/01/2022	757,679,827	0	131,306,918	0
01/31/2022	771,114,259	13,434,432	133,639,167	2,332,249
02/28/2022	782,853,247	11,738,988	135,700,562	2,061,395
03/31/2022	795,290,585	12,437,338	138,063,872	2,363,310
04/30/2022	808,206,712	12,916,127	140,463,355	2,399,483
05/31/2022	821,520,316	13,313,604	142,749,312	2,285,957
06/30/2022	834,388,493	12,868,177	144,691,505	1,942,193
Total (gallons)		76,708,666		13,384,587

Sincerely,

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



Bob Marley
Project Manager