



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



ENTERED

MONTHLY PROGRESS REPORT
For month ending September 30, 2022
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.
10/05/2022

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 12,849,647 gallons (an average of 297.4 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 09/02/22 with 24.4 gallons.
 - o On 09/15/22 with 15.1 gallons

F. Source Containment System (CW-2)

- The system operated 100.0% of the time and pumped 2,010,159 gallons (an average of 46.5 gpm). There were no 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 09/11/22 with 10.7 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

- Lost remote monitoring capability for the CW-2 containment system on 09/02/22. Router failure was identified as the cause. A new router was installed, and remote monitoring was re-established on 09/15/2022.

Tasks Planned:

I. Groundwater Monitoring Plan

- Planning for the 4th quarter groundwater sampling event is underway. Groundwater sampling activities are scheduled to begin on 11/01/2022.

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)

05 October 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 September 2022. A total of 12,849,647 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,010,159 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
07/31/2022	847,670,725	13,282,232	146,940,788	2,249,283
08/31/2022	860,952,113	13,281,388	149,272,556	2,331,768
09/30/2022	873,801,760	12,849,647	151,282,715	2,010,159
Total (gallons)	-	116,121,933	-	19,975,797

Sincerely,

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



Bob Marley
Project Manager