



MONTHLY PROGRESS REPORT
For the month ending on December 31, 2022
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.
01/04/2023

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 13,468,274 gallons (an average of 301.7 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 at the following time(s):
 - o On 12/01/22 with 21.3 gallons.
 - o On 12/19/22 with 25.5 gallons

F. Source Containment System (CW-2)

- The system operated 61.3% of the time and pumped 1,137,780 gallons (an average of 25.5 gpm). There was one system shutdown.
 - o Beginning on 12/10/22, the well was idle for 12 days due to failure of the submersible pump. The submersible pump was pulled from the well, inspected, and the failed motor end of the pump was replaced. The repaired pump was installed and restarted on 12/22/22.
- 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 at the following time(s):
 - o On 12/01/22 with 12.7 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.



H. Problems Encountered or Anticipated

- The source containment well CW-2 was down for 12-days as a result of submersible pump failure. Issue has been resolved.

Tasks Planned:

I. Groundwater Monitoring Plan

- Planning for 1st quarter groundwater sampling event scheduled for February 2023.

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)

04 January 2023

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 2022. A total of 13,468,274 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 1,137,780 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
10/31/2022	887,022,737	13,220,977	153,435,008	2,152,293
11/30/2022	899,970,482	12,947,745	155,780,913	2,345,905
12/31/2022	913,438,756	13,468,274	156,918,693	1,137,780
Total (gallons)	-	155,758,929	-	25,611,775

Sincerely,

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



Bob Marley
Project Manager