



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



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MONTHLY PROGRESS REPORT
For month ending February 28, 2022
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.
03/03/2022

Tasks Completed:

A. Groundwater Monitoring Plan

- The 1st quarter groundwater monitoring event was completed.

B. Public Involvement Plan

- None.

C. Deep Flow Zone System

- None.

D. Assessment of Aquifer Restoration

- Commenced assembly and evaluation of data collected in 2021 in preparation of the 2021 Annual Report

E. Offsite-Containment System (CW-1)

- The system operated 96.3% of the time and pumped 11,738,988 gallons (an average of 291.1 gallons per minute [gpm]). There was one system shutdown:
 - o On 02/16/22 for 1,501 minutes due to a malfunctioning level sensor located on the air stripper.
- 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 02/01/22 with 22.3 gallons.
 - o On 02/17/22 with 22.2 gallons.

F. Source Containment System (CW-2)

- The system operated 100% of the time and pumped 2,061,395 gallons (an average of 51.1 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 02/08/22 with 13.3 gallons.
- The pretreatment filter was not changed 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

- None

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

- Assembly and evaluation of data collected in 2021 will continue in preparation of the 2021 Annual Report.

M. Offsite-Containment System (CW-1)

- The air stripper will be disassembled, thoroughly cleaned, and replacement gaskets will be installed between the trays as the unit is reassembled. This maintenance task is scheduled for the first week of March.
- 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.
- The 2021 Annual Report on Air Emissions from the air stripper will be prepared and submitted to the Air Quality Division of the City of Albuquerque Environmental Health Department, as required by the Authority-to-Construct Permit #1203.

O. Other

- None.

P. Problems Anticipated or that May Be Encountered:

- None.

By:

A handwritten signature in black ink that reads 'Bob Marley'.

Bob Marley

EA Project Manager on behalf of Sparton

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

03 March 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 February 2022. A total of 11,738,988 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,061,395 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
Total (gallons)		25,173,420		4,393,644

Sincerely,

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



Bob Marley
Project Manager