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

ENTERED

MONTHLY PROGRESS REPORT
For month ending May 31, 2022

CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.

06/03/2022

***Tasks Completed*:**

A. Groundwater Monitoring Plan

- Completed 2nd quarter sampling event.

B. Public Involvement Plan

- None.

C. Deep Flow Zone System

- None.

D. Assessment of Aquifer Restoration

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

E. Offsite-Containment System (CW-1)

- The system operated 100% of the time and pumped 13,313,604 gallons (an average of 298.2 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):
    - On 05/02/22 with 20.6 gallons.
    - On 05/15/22 with 18.9 gallons.

F. Source Containment System (CW-2)

- The system operated 99.9% of the time and pumped 2,285,957 gallons (an average of 51.2 gpm). There was one system shutdown:
    - On 05/09/22 for 24 minutes to address a broken fitting on the filter cartridge.
- 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):
    - On 05/21/22 with 12.1 gallons.
- The pretreatment filter was cleaned on 05/02/22.

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.

320 Gold Ave SW, Suite 1300
Albuquerque, NM 87102

Phone 505-224-9013
www.eaest.com

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H. Problems Encountered or Anticipated

- CW-2 pumping water levels were significantly lower than the normal operating range during the 2nd quarter gauging event completed in early May. Repeat measurements confirmed the lower pumping water levels. Suspected cause is partial clogging of the well screen.

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

- Preparation of the 2021 Annual Report will be completed, and the report will be submitted to the Agencies.

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.
- Rehabilitation activities are planned to address the suspected well screen clogging. Work is tentatively scheduled for June.

O. Other

- None.

P. Problems Anticipated or that May Be Encountered:

- None.

By:

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)

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03 June 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 May 2022. A total of 13,313,604 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,285,957 gallons of water was discharged through the CW-2 treatment system to rapid infiltration pond number three located north of the treatment building.

	CW-1		CW-2	
Date	**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
Total (gallons)		63,840,489		11,442,394

Sincerely,

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

Bob Marley

Bob Marley
Project Manager