



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



MONTHLY PROGRESS REPORT
For month ending December 31, 2021
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.
01/05/2022

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 13,414,060 gallons (an average of 300.5 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 12/16/21 with 25.5 gallons.
 - o On 12/21/21 with 7.6 gallons.
- F. Source Containment System (CW-2)
- The system operated 100% of the time and pumped 2,352,585 gallons (an average of 52.7 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 12/13/21 with 15.0 gallons.
 - The pretreatment filter was changed on 12/13/21.
- 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.



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Tasks Planned:

I. Groundwater Monitoring Plan

- Preparations will be made for conducting the 2022 Q1 monitoring event which will take place in February. The sampling event is tentatively scheduled to begin on February 1.

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

- 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.
- The pretreatment filter will be replaced on an as need basis as pressure rises.

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 January 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 December 2021. A total of 13,414,060 gallons of water was discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,352,585 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
01/01/2021	611,473,788	0	108,901,202	0
01/31/2021	624,885,446	13,411,658	16,123,138	2,260,702
02/28/2021	637,003,846	12,118,400	18,126,318	2,003,180
03/31/2021	649,819,194	12,815,348	20,240,225	2,113,907
04/30/2021	662,181,726	12,362,532	22,294,226	2,054,001
05/31/2021	665,304,596	3,122,870	24,562,874	2,268,648
06/30/2021	678,227,081	12,922,485	116,957,766	2,399,380
07/31/2021	691,606,268	13,379,187	119,426,347	2,468,581
08/31/2021	704,936,743	13,330,475	121,880,037	2,453,690
09/30/2021	717,847,367	12,910,624	124,236,342	2,356,305
10/31/2021	731,263,858	13,416,491	126,651,117	2,414,775
11/30/2021	744,265,767	13,001,909	128,954,333	2,303,216
12/31/2021	757,679,827	13,414,060	131,306,918	2,352,585
Total (gallons)		146,206,039		27,448,970

Notes: CW-2 influent meter malfunctioned in January 2021; effluent meter readings are used to calculate monthly discharge for January - May 2021. CW-2 influent meter operation restored starting with June 2021 readings.

Sincerely,

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



Bob Marley
Project Manager