



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



ENTERED

MONTHLY PROGRESS REPORT

For month ending January 31, 2021

CV-97-0206 (D.N.M)

Albuquerque v. Sparton Technology, Inc.

02/05/2021

Tasks Completed:

A. Groundwater Monitoring Plan

- On January 29, 2021, a report titled *Status Report on 1,4-Dioxane Sampling Events, Third and fourth Quarters 2020* was submitted to EPA and NMED.
- On January 29, 2021, a report titled *2020 Annual Monitoring Report for Discharge Permit DP-1184* was submitted to the NMED Ground Water Quality Bureau.
- None

B. Public Involvement Plan

- None.

C. Deep Flow Zone System

- None.

D. Assessment of Aquifer Restoration

- Commenced data assembly and evaluation towards preparation of the 2020 Annual Report.

E. Offsite-Containment System (CW-1)

- The system operated 100% of the time and pumped 13,411,658 gallons (an average of 300.4 gallons per minute [gpm]). There were zero 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 01/11/21 with 29.0 gallons.
 - o On 01/29/21 with 27.2 gallons.

F. Source Containment System (CW-2)

- The system ran 100% of the time and pumped 2,260,702 gallons (an average of 50.6 gpm). There was zero 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 01/18/21 with 13.8 gallons.
- The pretreatment filter was replaced on 01/02/21 and 01/18/21.



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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 CW-2 influent flow meter is not functioning properly.

Tasks Planned:

I. Groundwater Monitoring Plan

- 1st quarter groundwater monitoring will be completed during the first two weeks of February.

J. Public Involvement Plan

- None.

K. Deep Flow Zone System

- None.

L. Assessment of Aquifer Restoration

- Continue data assembly and evaluation towards preparation of the 2020 Annual Report.

M. Offsite-Containment System

- 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

- 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 influent flow meter will be evaluated, and repaired or replaced as appropriate.
- The need for cleaning of the discharge line from the well to the treatment building will be evaluated and potentially completed if pumping rates continue to decline.

O. Other

- None.

P. Problems Encountered or Anticipated:

- None.

By:

A handwritten signature in black ink that reads "Bob Marley". The signature is written in a cursive, slightly slanted style.

Bob Marley

EA Project Manager on behalf of Sparton

Cc: Ms. Laurie King (EPA: 214-665-6771)
Mr. Dave Cobrain (NMED: 505-476-6030)

05 February 2021

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 January 2021. A total of 13,411,658 gallons of water were discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,260,702 gallons were discharged through the CW-2 treatment system to rapid infiltration pond numbers 2 and 3 located northwest 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	See notes	2,260,702
Total (gallons)		13,411,658		2,260,702

Notes: Influent meter under evaluation as it is not functioning properly; pond discharge meter reading used to calculate total discharge for January 2021.

Sincerely,

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



Bob Marley
Project Manager