



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



MONTHLY PROGRESS REPORT
For month ending October 31, 2020
CV-97-0206 (D.N.M)
Albuquerque v. Sparton Technology, Inc.

11/02/2020

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 13,421,482 gallons (an average of 300.7 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 10/1/20 with 25.8 gallons.
 - o On 10/19/20 with 26.4 gallons.

F. Source Containment System (CW-2)

- The system ran 100% of the time and pumped 2,477,828 gallons (an average of 55.5 gpm). There was zero system shutdowns.
- Collected the monthly influent and effluent samples from the treatment system.
- The chromium removal system was decommissioned, and the tanks were returned to the supplier.
- 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 10/22/20 with 22.4 gallons.
- The pretreatment filter was replaced on 10/12/20 and 10/23/20.

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.

I. Public Involvement Plan

- None.

Tasks Planned:

J. Groundwater Monitoring Plan

- The 4th quarter groundwater monitoring event will be completed in November. The event will include the collection of 1,4-dioxane samples from all wells for laboratory analysis.

K. Public Involvement Plan

- The draft 2020 Fact Sheet, which was submitted to the agencies on 9/22/2020 for review and approval, will be distributed to the occupants of residences located within the area of offsite groundwater contamination and along the route of the pipeline to the infiltration gallery, upon receipt of the agencies' approval.

L. Deep Flow Zone System

- None.

M. Assessment of Aquifer Restoration

- None.

N. 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.

O. 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.

P. Other

- None.

Q. Problems Encountered or Anticipated:

- 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. Chuck Hendrickson (EPA: 214-665-7263)
Mr. Dave Cobrain (NMED: 505-476-6030)

02 November 2020

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 October 2020. A total of 13,421,482 gallons of water were discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,477,828 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
01/01/2020	453,440,391	0	79,788,446	0
01/31/2020	466,926,228	13,485,837	82,327,681	2,539,235
02/29/2020	479,539,761	12,613,533	84,696,707	2,369,026
03/31/2020	492,534,350	12,994,589	87,181,293	2,484,586
04/30/2020	505,497,929	12,963,579	89,587,621	2,406,328
05/31/2020	518,902,985	13,405,056	92,025,855	2,438,234
06/30/2020	531,890,331	12,987,346	94,213,672	2,187,817
07/31/2020	545,300,370	13,410,039	96,748,265	2,534,593
08/31/2020	558,700,267	13,399,897	99,277,677	2,529,412
09/30/2020	571,685,988	12,985,721	101,710,560	2,432,883
10/31/2020	585,107,470	13,421,482	104,188,388	2,477,828
Total (gallons)		131,667,079		24,399,942

Sincerely,

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



Bob Marley
Project Manager