

03 March 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:

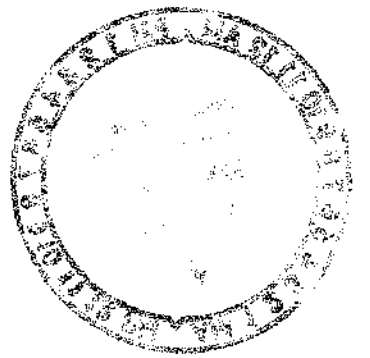
Below is the meter report for the month of February 2020. A total of 12,613,533 gallons were treated by the air stripper at CW-1 and discharged via underground pipeline to the infiltration gallery located in the Calabacillas Arroyo. A total of 2,369,026 gallons were treated by the CW-2 treatment system and discharged into rapid infiltration pond number 2 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
Total (gallons)		26,099,370		4,908,261

Sincerely,

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

Bob Marley  
Project Manager





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

## MONTHLY PROGRESS REPORT For month ending February 29, 2020

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

03/03/2020

### ***Tasks Completed:***

A. Groundwater Monitoring Plan

- The 1st quarter groundwater sampling event was completed. This event included sampling for 1,4-dioxane at all monitoring wells and the influent and effluent of the containment systems.

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 12,613,533 gallons (an average of 302.0 gallons per minute [gpm]).
- 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 two times:
  - o On 02/12/20 with 24.9 gallons.
  - o On 02/27/20 with 22.7 gallons.

F. Source Containment System (CW-2)

- The system ran 99.9% of the time and pumped 2,369,026 gallons (an average of 56.7 gpm). There was one system shutdown:
  - o On 02/20/20 for 20 minutes for scheduled chromium tank exchange.
- Collected the monthly influent and effluent samples from the treatment system.
- Collected chromium samples from (a) the influent to the building; (b) the effluent from the second chromium removal tank; and (c) the effluent from the air-stripper prior to the chromium tank exchange.
- The chromium removal unit operated at a flow rate of approximately 20 gpm.



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- Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531.
- The Aqua-Mag tank was replenished one time:
  - o On 02/27/20 with 14.4 gallons.
- The pretreatment filter was replaced on 02/08/20.

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.

***Tasks Planned:***

I. Groundwater Monitoring Plan

- None

J. Public Involvement Plan

- None.

K. Deep Flow Zone System

- None.

L. Assessment of Aquifer Restoration

- Evaluation of data collected in 2019 will commence in preparation of the 2019 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.
- If the March influent sample is below the NMED standard of 50 µg/L and follows the declining trend observed in the last several months, the chromium removal unit will be by-passed, that is all pumped water will be treated by the air-stripper only. The chromium removal system will remain in stand-by mode until further evaluation in the subsequent months.
- The pretreatment filter will be replaced on an as need basis as pressure rises or flow is reduced in the chromium removal system.



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- Pump performance will continue to be monitored to determine if any well rehabilitation measures are necessary.

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 style with a small flourish at the end.

Bob Marley  
EA Project Manager on behalf of Sparton

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