Sparton

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

MONTHLY PROGRESS REPORT
For month ending February 28, 2021

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

03/03/2021

Tasks Completed:

A. Groundwater Monitoring Plan

- 1st quarter groundwater monitoring completed.

B. Public Involvement Plan

- None.

C. Deep Flow Zone System

- None.

D. Assessment of Aquifer Restoration

- Continued 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 12,118,400 gallons (an average of 300.6 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):
    - On 02/15/21 with 26.1 gallons.

F. Source Containment System (CW-2)

- The system ran 99.9% of the time and pumped 2,003,180 gallons (an average of 49.7 gpm). There were two system shutdowns to evaluate influent flow meter operation.
    - On 02/04/21 for 5 minutes.
    - On 02/06/21 for 11 minutes.
- 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 02/17/21 with 13.4 gallons.
- The pretreatment filter was replaced on 02/01/21 and 02/17/21.

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.

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

- The CW-2 influent flow meter is not functioning properly. Relying on readings from the effluent flow meter until repairs are completed.
- Encountered difficulty scheduling key contractor staff to complete the CW-2 discharge line cleaning. Contractor staff had to observe quarantine requirements due to close contact with a COVID-19 positive individual.

Tasks Planned:

I. Groundwater Monitoring Plan

- None.

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 discharge line from the well to the treatment building will be evaluated and cleaned as appropriate.
- The influent flow meter will be evaluated, and repaired or replaced as appropriate.

O. Other

- None.

P. Problems Encountered or Anticipated:

- None.

By:

Bob Marley

Bob Marley
EA Project Manager on behalf of Sparton

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

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03 March 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 February 2021. A total of 12,118,400 gallons of water were discharged through the CW-1 treatment system to an infiltration gallery located in the Calabacillas Arroyo. A total of 2,003,180 gallons were 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**
01/01/2021	611,473,788	0	108,901,202	0
01/31/2021	624,885,446	13,411,658	See notes	2,260,702
02/28/2021	637,003,846	12,118,400		2,003,180
Total (gallons)		25,530,058		4,263,882

Notes: CW-2 influent meter at treatment building not functioning properly; effluent meter readings used to calculate monthly discharge for January - February 2021.

Sincerely,

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

Bob Marley

Bob Marley
Project Manager