

MONTHLY PROGRESS REPORT  
For month ending June 30<sup>th</sup>, 2018

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

07/10/2018

***Tasks Completed:***

- A. Groundwater Monitoring Plan  
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- B. Public Involvement Plan  
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- C. Deep Flow Zone System  
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- D. Assessment of Aquifer Restoration  
- Continued the review and analysis of the monitoring data in preparation of the CY2017 Annual Report.
- E. Offsite-Containment System  
- The system ran 100.00% of the time and pumped 13,057,551 gallons (an average of 302.3 gpm). There were 0 outages.  
- 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 twice:
  - o On 6/18/18 with 28.65 gallons, and
  - o On 6/27/18 with 14.13 gallons.
- F. Source Containment System  
- The system ran 99.97% of the time and pumped 2,772,019 gallons (an average of 64.2 gpm). There were 2 outages:
  - o On 6/18 for 15 minutes due to a Tank Exchange.
- Filed the monthly discharge report with the Office of the State Engineer as required under Permit-RG-73531.
- Collected the monthly influent and effluent samples from the treatment system.



- Continued to operate the chromium removal unit during the entire month and route 27 gpm of the pumped water through the unit and blended with the remainder of the pumped water to meet the New Mexico Water Quality Control Commission chromium standard of 0.050 mg/L in the effluent discharged into the ponds.
- Replaced the first tank of the chromium removal unit on June 18<sup>th</sup>. Following the modification of the tank exchange frequency to occur every four weeks, no exceedance of the NMWQS in the effluent from the air-stripper was observed.
- Replaced the pretreatment filter for the Chromium Exchange Tanks on June 18<sup>th</sup>.
- Prior to each Tank Exchange collected chromium samples of (a) the influent to the building; (b) the effluent from the second tank; and (c) the effluent from the air-stripper on tank exchange day.
- The Aqua-Mag Tank was replenished twice:
  - o On 6/11/18 with 12.58 gallons, and
  - o On 6/27/18 with 6.84 gallons.

G. Other

- All field activities were performed by OEI personnel 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:

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***Tasks Planned:***

I. Groundwater Monitoring Plan

- In preparation for the 3Q2018 Ground Water Sampling event, the FY19 3Q sampling plan will be approved by SSP&A. The sample kits and quarterly nitrogen will be ordered.

J. Public Involvement Plan

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K. Deep Flow Zone System

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L. Assessment of Aquifer Restoration

- The CY2017 Annual Report will be completed and submitted to the agencies.

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; and
- Tank Exchange chromium sampling of (a) the influent; (b) the effluent from the second tank; and (c) the effluent from the air-stripper will continue.
- The first tank of the Chromium Removal unit will be replaced on July 16<sup>th</sup>.
- The pretreatment filter will be replaced on an as need basis as pressure rises or flow is reduced in the system.

O. Other

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P. Problems Encountered or Anticipated:

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By:

Dillon Cottingham, EI  
Engineering Technician for Sparton

Charles Easterling, PE  
Project Coordinator for Sparton.

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



Dillon Cottingham  
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July 10<sup>th</sup>, 2018

Mr. Charles Palmer  
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 Albuquerque, New Mexico  
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PE: Permit RG-69659, RG-73531T

Below is the meter report for the month of June 2018. A total of 13,057,551 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 2,772,019 gallons were treated by the air stripper at CW-2 and discharged into rapid infiltration pond 2 located northwest of the CW-2 Stripper building.

Date	CW-1		CW-2	
	Meter Reading	Discharge	Meter Reading	Discharge
01/01/2018	139,018,030		20,935,349	
02/01/2018	152,593,682	13,575,652	22,608,190	1,672,841
03/01/2018	164,866,071	12,272,389	24,278,887	1,670,697
04/01/2018	178,356,195	13,490,124	27,113,170	2,834,283
05/01/2018	191,457,579	13,101,384	27,716,577	603,407
06/01/2018	204,967,628	13,510,049	30,583,253	2,866,676
07/01/2018	218,025,179	13,057,551	33,355,272	2,772,019
<b>Total (YTD)</b>		79,007,149		12,419,923

Thank You,  
 Sincerely,  
 Dillon Cottingham, EI  
 cc: Charles M. Easterling, PE