



Polson Water Resource Recovery Facility

Construction Progress Report

(May 2018)

TO: Mark Shrives, City Manager
106 First Street East
City of Polson, MT 59860

CC: Polson City Council
Ashley Walker, W/S Superintendent

FROM: Kevin Johnson, P.E.
Project Manager – DOWL

DATE: May 31, 2018

This construction progress report includes work for the month of May 2018.

Headworks Building:

Work on the headworks building this month included installation of nearly all the treatment process equipment including the screens, grit washer and the associated grit pumps and appurtenances. Additional heating, ventilation and electrical equipment installation is ongoing. See Figures 1, 2 and 3.

SBR Tanks:

The two SBR tanks have both passed the leak tests. Backfill operations has commenced around this structure to allow for installation of the buried yard piping around this structure. The “outlet vault” housing process piping, valves, appurtenances and instrumentation is now in process on the south end of the SBR. See Figure 4.

UV Building & Post Equalization Tank:

The masonry walls were completed for this building this month along with setting of the roof trusses. Some of the equipment was installed including the utility water booster pump system and the electrical panel. Various stair cases and structural grating was also installed. See Figure 5.

Control Building:

Heating, ventilation and plumbing work continues in this building. The roof soffit and fascia installation can be completed now that the roof is on the digesters. Testing of the process pipe in the basement remains to be completed. Corrective action on the settlement issues under the upper floor are under evaluation.

Digesters:

The prefabricated aluminum digester tank lids are now in place. The concrete tank seep repairs have resumed, and one of the two tanks has passed the leak test. See Figure 6.

Yard Piping:

The majority of the work remaining includes nearly all of the buried yard piping. Backfill operations are progressing and this work will proceed over the coming months.

Overall Project Status Summary:

Contract Time: 532 Days to Substantial Completion of Treatment Facility

Days Expended: (400); (To May 23, 2018) (75%)

Original Contract Amount:	\$12,213,000
Change Order #1	\$29,087
Change Order #2	\$2,542
Change Order #3	\$25,004
Current Contract Amount:	\$12,269,633

Total To Date: \$8,617,137; (70%)



Figure 1- Headworks Equipment, Grit Washer



Figure 2 - Headworks Equipment - Influent Screen



Figure 3 - Influent Screen



Figure 4 - SBR Outlet Vault Preparation



Figure 5 - Prefab. Aluminum Digester Lids



Figure 6 - UV Disinfection Building - Masonry