

# Salado Wastewater Treatment Plant

## MONTHLY REPORT

January 2018



### Summary

The Notice to Proceed for the Village of Salado Treatment Plant project was January 8, 2018 and the contractors broke ground on Tuesday Jan 23<sup>rd</sup>. Work began with the clearing of the field. The work has been continuous with the excavation for all footings, making subgrade and the 20 ft. deep footing for the waste water lift station at station 1+68.

All pre-construction materials and submittals have been delivered, reviewed and approved. Project procurements are on track. Forecasted work for the up-coming month is consistent with the baseline schedule for the project.

### Milestones & Issue Resolution

The first milestone for the WWTP project is Mobilization and Site Work (see the Milestone Schedule for the project on the following page). They are 100% complete on mobilizing their construction crews and clearing the site. Issues associated with handling spoilage from the excavation work was resolved quickly between the Village and the property owner, gaining permission to dispose of the excavation spoilage on the Banks property. The contractor is in progress in completing the site excavation work. They are approximately 45% complete on the excavation necessary for the Influent Lift Station at station 1 + 68, and are 50% complete in excavating the site for the WWTP.

### Next 30-day Forecast

The forecast for the Waste Water Treatment Plant is to complete the lift station and WWTP excavation, add all base rock to all sub-grade areas and then grade the site per the Engineering plans.

### Quality & Safety

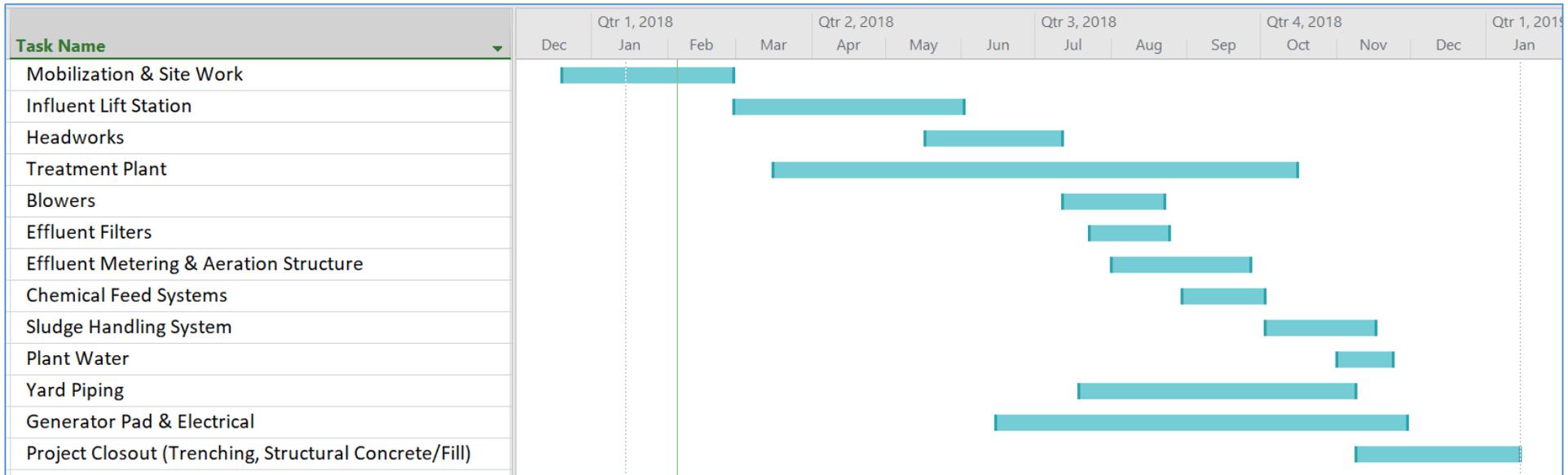
There are no issues with quality of work. Safety is a must on this project with the moving of large equipment. We must keep an eye for all foot traffic and make sure that we make eye contact with everyone working near or nearby the equipment. Backup alarms are used on all equipment. All personnel are equipped with and wearing their personal protection equipment. For excavation safety, all slopes are being cut at a 1:1 angle, as appropriate.

Salado Wastewater Treatment Plant  
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**Wastewater Treatment Plant Project Milestone Schedule**



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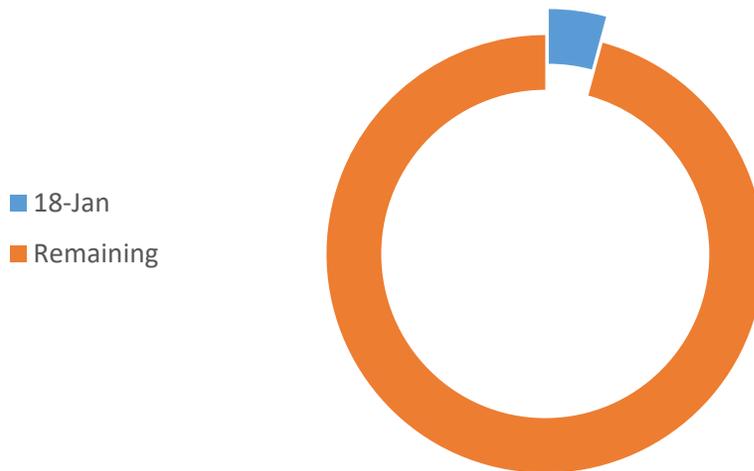
January 2018



**Project Budget**

[JAN 18] Approved Payment Request	\$234,500.00
[JAN 18] Approval Status	In process

**Total Project Budget: \$5,547,000**



Per Jan. pay request, the project is 4.2% of total contract amount.  
 As shown in the table below, the payment request is in line with the expected cost based on the %Complete and contractor cost estimates.

**Schedule Milestones**

Milestone	Baseline Date	Actual % Complete
Mobilization & Site Work	2/27/2018	60%
Influent Lift Station	6/1/2018	
Headworks	7/11/2018	
Treatment Plant	10/15/2018	
Blowers	8/22/2018	
Effluent Filters	8/24/2018	
Effluent Metering & Aeration Structure	9/26/2018	
Chemical Feed Systems	10/2/2018	
Sludge Handling System	11/16/2018	
Plant Water	11/23/2018	
Yard Piping	11/8/2018	
Generator Pad & Electrical	11/29/2018	
Project Closout (Trenching, Structural Concrete/Fill)	1/14/2019	

# MONTHLY REPORT

January 2018



MONTHLY PROJECT REPORT																		
WWTP Construction Tasks	Estimated Project Cost Breakdown															%Complete	Weighted Cost Commitment	
	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Jan-19	Totals			
Mobilization & Site Work	\$ 66,240	\$ 190,440	\$ 157,320	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 414,000	60%	\$ 248,400
Influent Lift Station	\$ -	\$ 4,882	\$ 107,412	\$ 102,529	\$ 112,294	\$ 4,882	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332,000		\$ -
Headworks	\$ -	\$ -	\$ -	\$ -	\$ 107,113	\$ 204,488	\$ 77,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 389,500		\$ -
Treatment Plant	\$ -	\$ -	\$ 98,493	\$ 188,033	\$ 205,941	\$ 188,033	\$ 196,987	\$ 205,941	\$ 179,079	\$ 98,493	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,361,000		\$ -
Blowers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,867	\$ 122,133	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 229,000		\$ -
Effluent Filters	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 103,376	\$ 265,824	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 369,200		\$ -
Effluent Metering & Aeration Structure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,463	\$ 46,537	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,000		\$ -
Chemical Feed Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 19,083	\$ 190,833	\$ 19,083	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 229,000		\$ -
Sludge Handling System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,091	\$ 142,909	\$ -	\$ -	\$ -	\$ -	\$ 393,000		\$ -
Plant Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,500	\$ -	\$ -	\$ -	\$ -	\$ 107,500		\$ -
Yard Piping	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,700	\$ 60,567	\$ 52,667	\$ 60,567	\$ 15,800	\$ -	\$ -	\$ -	\$ 213,300		\$ -
Generator Pad & Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,492	\$ 250,983	\$ 262,392	\$ 228,167	\$ 262,392	\$ 239,575	\$ -	\$ -	\$ -	\$ 1,369,000		\$ -
Project Closout (Trenching, Structural Concrete/Fill)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,745	\$ 15,415	\$ 7,340	\$ 34,500	\$ -	\$ -	\$ -
<b>Estimated Project Cost Totals</b>	<b>\$ 66,240</b>	<b>\$ 190,440</b>	<b>\$ 162,202</b>	<b>\$ 205,905</b>	<b>\$ 290,562</b>	<b>\$ 425,347</b>	<b>\$ 522,894</b>	<b>\$ 759,813</b>	<b>\$ 995,403</b>	<b>\$ 697,282</b>	<b>\$ 690,626</b>	<b>\$ 517,529</b>	<b>\$ 15,415</b>	<b>\$ 7,340</b>	<b>\$ 5,547,000</b>		<b>\$ 248,400</b>	
<b>Actual Project Payment Requests</b>	<b>\$0</b>	<b>\$234,500</b>													<b>\$234,500</b>		<b>\$234,500</b>	
<b>Cost Variance</b>																		<b>\$ 13,900</b>