

# MONTHLY REPORT

February 2018



## Summary

This last month, the focus of the WWTP project was on site mobilization and excavation for the various elements of the plant. Overall site excavation is about 79.3% and all required material has been delivered on-site in preparation to set the concrete forms for Influent Station. The contractor experienced a few weather delays and was unable to move equipment for a few days due to dense mud on the job site. Even with this small delay, the project has made good progress and remains on schedule.

## Milestones & Issue Resolution

Corrections have been made from the January 2018 report to reflect the work completed to date. Mobilization and site work is nearly 80% complete. Work on other components of the plant reflect efforts in completing foundation and footing supports for various elements of the wastewater treatment plant.

## Next 30-day Forecast

As shown in the Milestone Schedule below, work in March will focus on:

- The Influent Lift Station;
- The treatment plant foundation and supports; and,
- As appropriate, submittals for related work to be performed in the up-coming weeks.

## Quality & Safety

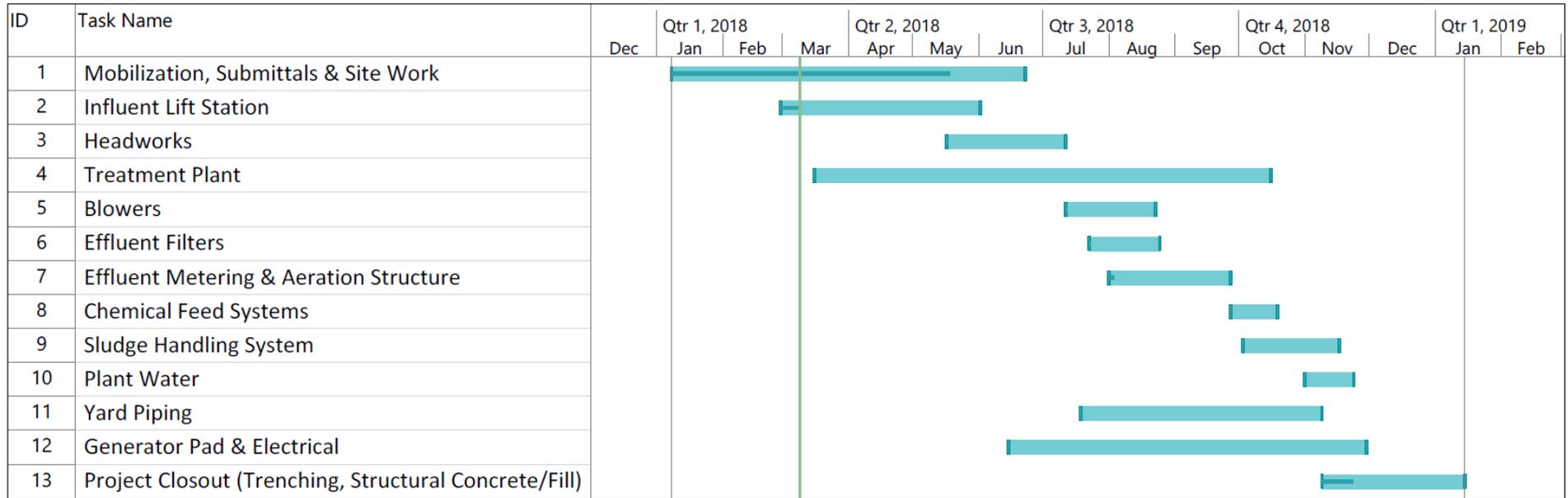
There are no issues with quality of work. Safety is a must on this project with the moving of large equipment. We must keep an eye for all foot traffic and make sure that we make eye contact with everyone working near or nearby the equipment.

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## Wastewater Treatment Plant Project Milestone Schedule



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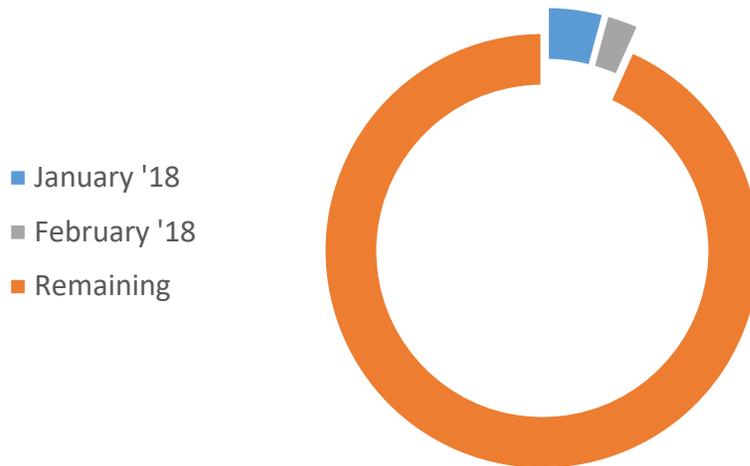
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**Project Budget & Schedule**

[FEB 18] Approved Payment Request	\$138,474.95
[FEB 18] Approval Status	In process

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



Per February's pay request, the project is **8%** 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 & % Complete**

WWTP Construction Tasks	Baseline Date	Actual %Complete
Mobilization & Site Work	06/22/18	79.3%
Influent Lift Station	06/01/18	8.7%
Headworks	07/11/18	0.8%
Treatment Plant	10/15/18	0.4%
Blowers	08/22/18	0.9%
Effluent Filters	08/24/18	0.5%
Effluent Metering & Aeration Structure	09/26/18	5.7%
Chemical Feed Systems	10/18/18	0.0%
Sludge Handling System	11/16/18	0.0%
Plant Water	11/23/18	0.0%
Yard Piping	11/08/18	0.0%
Generator Pad & Electrical	11/29/18	0.0%
Project Closout (Trenching, Structural Concrete/Fill)	01/14/19	21.7%

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## Monthly Cost Management Report.

WWTP Construction Tasks	Estimated Project Cost Breakdown														%Complete	To Date Cost Commitment	
	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, Submittals & Site Work	\$ 62,175	\$ 69,083	\$ 75,992	\$ 72,538	\$ 79,446	\$ 55,267	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 414,500	79.3%	\$ 328,500
Influent Lift Station	\$ -	\$ 4,882	\$ 107,412	\$ 102,529	\$ 112,294	\$ 4,882	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 332,000	8.7%	\$ 29,000
Headworks	\$ -	\$ -	\$ -	\$ -	\$ 107,113	\$ 204,488	\$ 77,900	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 389,500	0.8%	\$ 3,000
Treatment Plant	\$ -	\$ -	\$ 98,493	\$ 188,033	\$ 205,941	\$ 188,033	\$ 196,987	\$ 205,941	\$ 179,079	\$ 98,493	\$ -	\$ -	\$ -	\$ -	\$ 1,361,000	0.4%	\$ 5,000
Blowers	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,867	\$ 122,133	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 229,000	0.9%	\$ 2,000
Effluent Filters	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 103,376	\$ 265,824	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 369,200	0.5%	\$ 2,000
Effluent Metering & Aeration Structure	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 59,463	\$ 46,537	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 106,000	5.7%	\$ 6,000
Chemical Feed Systems	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 28,625	\$ 200,375	\$ -	\$ -	\$ -	\$ -	\$ 229,000	0.0%	\$ -
Sludge Handling System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 250,091	\$ 142,909	\$ -	\$ -	\$ -	\$ 393,000	0.0%	\$ -
Plant Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 107,500	\$ -	\$ -	\$ -	\$ 107,500	0.0%	\$ -
Yard Piping	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 23,700	\$ 60,567	\$ 52,667	\$ 60,567	\$ 15,800	\$ -	\$ -	\$ -	\$ 213,300	0.0%	\$ -
Generator Pad & Electrical	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 64,579	\$ 129,158	\$ 135,029	\$ 117,417	\$ 135,029	\$ 123,288	\$ -	\$ -	\$ -	\$ 704,500	0.0%	\$ -
Project Closout (Trenching, Structural Concrete/Fill)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,745	\$ 15,415	\$ 7,340	\$ 34,500	21.7%	\$ 7,500	
<b>Estimated Project Cost Totals</b>	<b>\$ 62,175</b>	<b>\$ 73,966</b>	<b>\$ 281,897</b>	<b>\$ 363,100</b>	<b>\$ 504,793</b>	<b>\$ 517,249</b>	<b>\$ 637,988</b>	<b>\$ 848,957</b>	<b>\$ 424,324</b>	<b>\$ 744,555</b>	<b>\$ 401,241</b>	<b>\$ 15,415</b>	<b>\$ 7,340</b>	<b>\$ 4,883,000</b>	<b>7.8%</b>	<b>\$ 383,000</b>	
<b>Actual Project Costs</b>	<b>\$ 243,500</b>	<b>\$ 145,762</b>												<b>\$ 389,262</b>		<b>\$ 389,262</b>	
<b>Project Payment Requests (Cost - 5% Retainage)</b>	<b>\$ 231,325</b>	<b>\$ 138,474</b>												<b>\$ 369,799</b>		<b>\$ 369,799</b>	
<b>Project Cost Commitment (To Date)</b>																<b>\$ 136,141</b>	
<b>Cost Variance</b>																<b>\$ 253,121</b>	

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