

City of San Buenaventura



Wastewater Treatment Plant Nutrient Removal Improvements Monthly Progress Report



Prepared By:
MNS Engineers, Inc.

OCTOBER 2010

Schedule and Budget Summary

Wastewater Treatment Plant

Nutrient Removal Improvements

Schedule Summary

Notice to Proceed	March 23, 2009
Original Contract Days	894
Contract Days Added	
Revised Contract Days	894
Elapsed Time (Days)	(587)
Remaining Time (Days)	307
Contract Completion Date	September 29, 2011
Time Elapsed to Date	66%
Work Completed to Date	75%
Approved Change Orders	9

Budget Summary

Original Contract Amount	\$14,167,000.00
Approved Change Orders	\$18,591.21
Revised Contract Amount	\$14,185,591.21
Previous Payments	\$10,155,966.81
Current Month Pay Request	\$455,027.00
Total Work Completed	\$10,610,993.81
Work Remaining	\$3,574,597.40

MNS Budget Summary

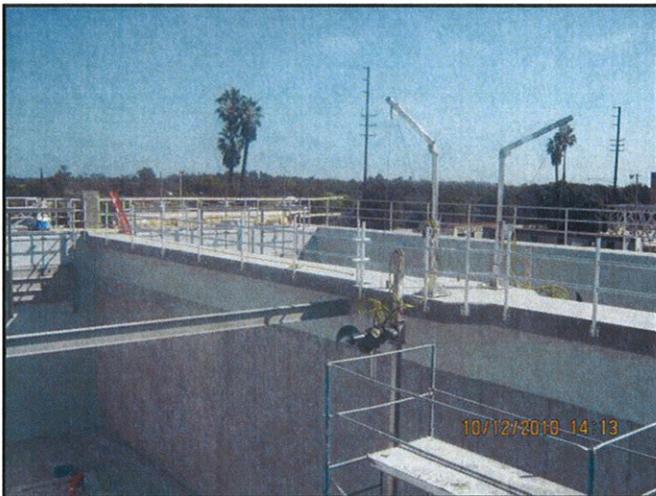
Original Contract Amount	\$1,749,005.00
Approved Change Orders	\$0.00
Actual Contract Amount	\$1,749,005.00
Value of Work Completed to Date	\$1,032,050.07
Value of Work Budgeted to Date	<u>\$1,219,515.94</u>
Contract Amount Remaining	\$716,954.93

Progress Summary

ANOXIC TANKS



Coating Anoxic Tank 1



Beam for electrical conduits across Anoxic Tank 1



Flume slide gates at Anoxic tanks

Summary of Work

Contractor completed installation of the vertical float deflector in the Anoxic Tank effluent channel at the flume structure. Contractor continued installation of the top deck guard railing. He is chipping, grinding, patching and sacking the exterior walls of both tanks.

Murphy Industrial Coatings completed coating the interior walls of both tanks and the influent channel. He is coating the effluent channel. He will be coming back later to coat the interior of the WML Pump Station and the Flume Channels.

Taft Electric is installing conduit on the north side and the top deck of Anoxic Tank 1.

Progress Expected Next Month

Continue installation of the top deck guardrailing and the stairway guardrailing.

Murphy Industrial Coatings will complete coating the Anoxic Tank effluent channel and coat the interior walls of the WML Pump Station and the Flume Channels.

Taft Electric will continue installing conduit on the north side and the top deck of Anoxic Tank 1. Conduit will extend across beam in Anoxic Tank 1.

Open Issues

None.

ANOXIC TANK

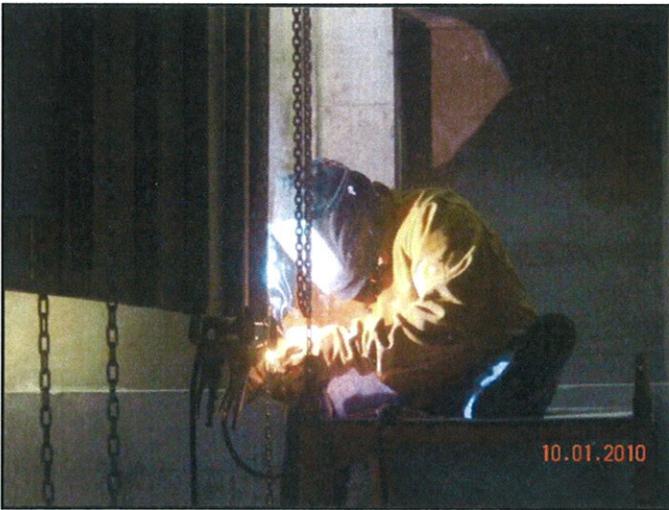
More Pictures



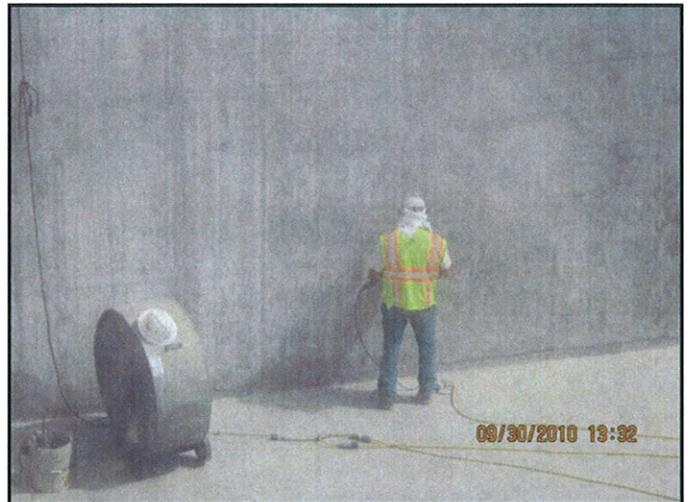
Installing vertical float deflector in effluent channel



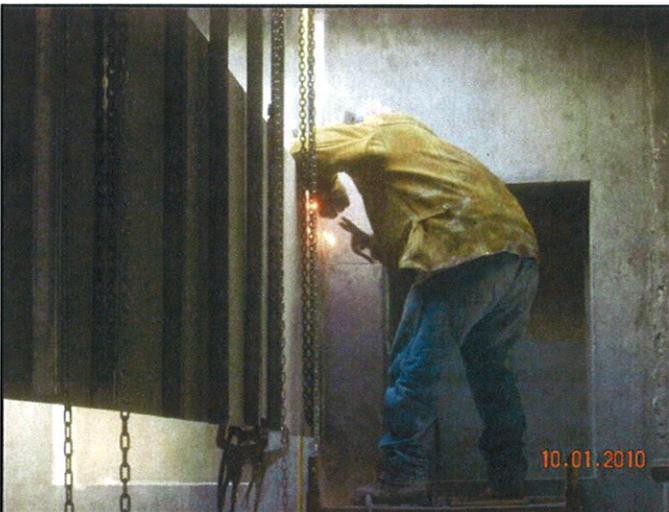
Installing guard rail



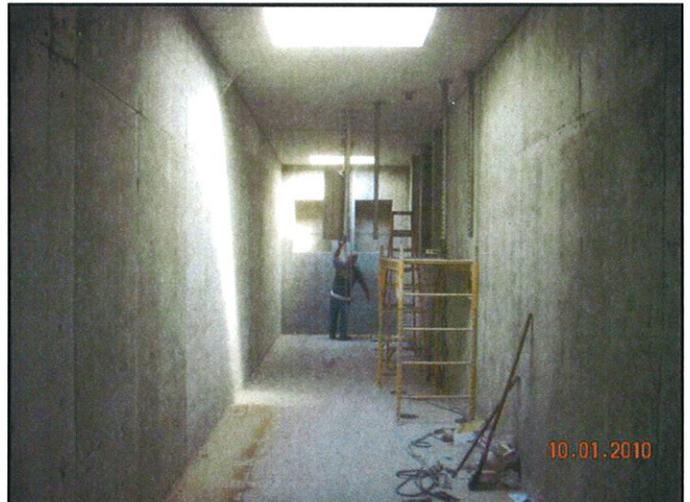
Installing vertical float detectors



Grinding interior of Anoxic Tank 1



Installing vertical float detector in effluent channel



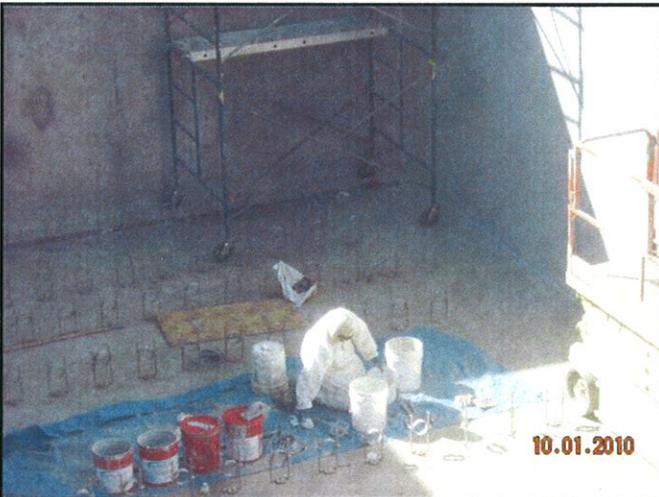
Installing vertical float detectors in effluent channel

Progress Summary

BAR/FET TANKS



Grinding interior of FET tank



Coating BAR tank



Assembling BAR tank diffusers

Summary of Work

Contractor continued installation of the top deck guardrailing. Contractor is continuing to chip, grind, patch and sack the exterior of both tanks. He installed a portion of the 2" plant water pipe and the 1" plant air pipe. He began assembling BAR Tank Diffusers.

Murphy Industrial Coatings completed coating the interior of both tanks.

Progress Expected Next Month

Continue installation of guardrailing on the top deck and on the stairway. Continue to chip, grind, patch and sack the interior of both tanks in preparation for application of coatings. Begin coating interior of tanks.

Taft Electric will continue installation of the 6-3" conduits.

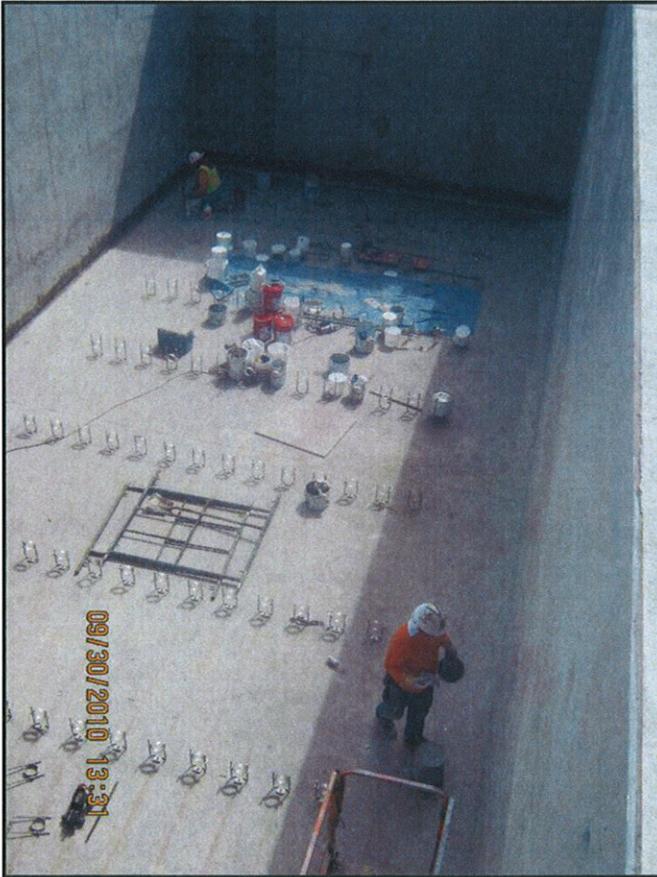
Murphy Industrial Coatings will continue preparing walls and applying coating to the interior walls of both tanks.

Open Issues

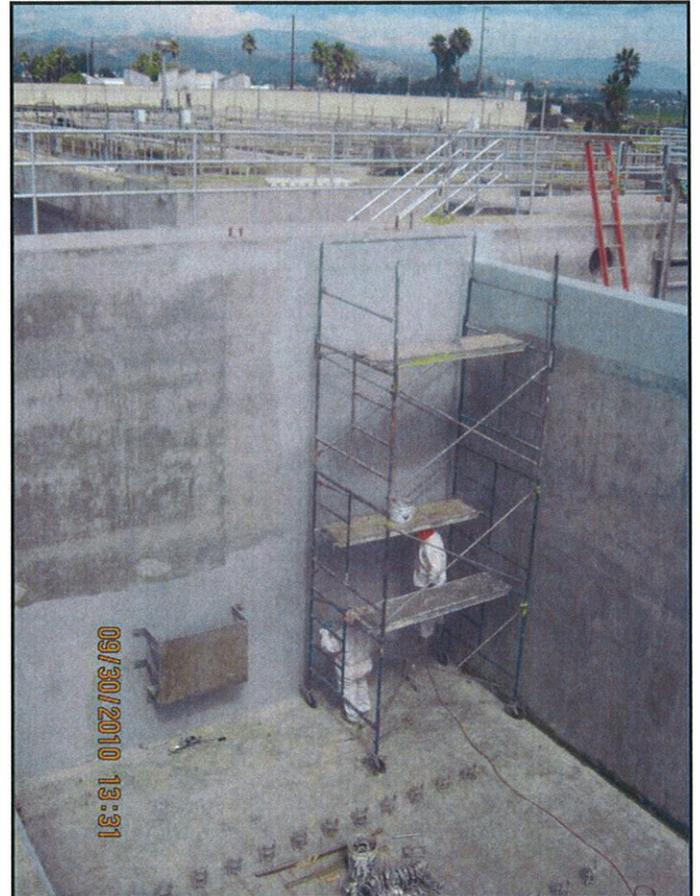
None.

BAR/FET TANKS

More Pictures



Coating prep work on BAR tank



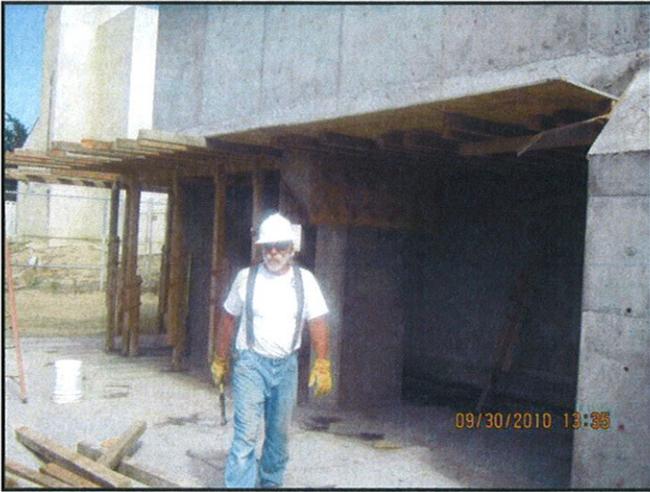
Coating prep on FET tank



BAR tank drain

Progress Summary

MLR CHANNEL & PUMP STATION



MLR Channel

Summary of Work

Contractor stripped forms from the MLR channel upper walls. He installed MLR Channel guardrail and the vortex suppressor in the channel drop.

Progress Expected Next Month

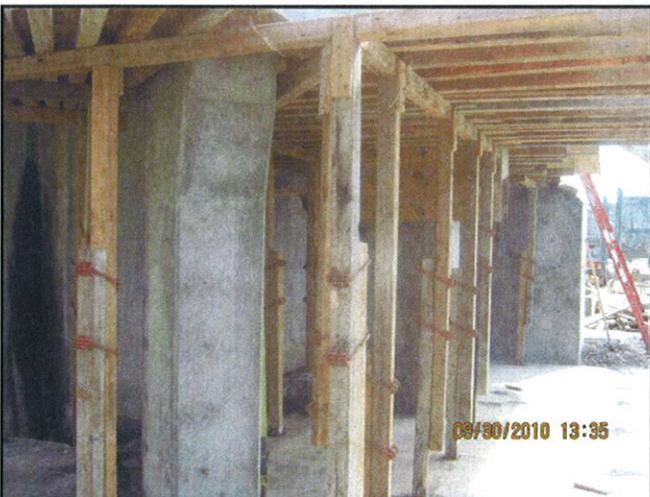
Begin installation of MLR Pump Station pumps, inlet piping and pipe supports.



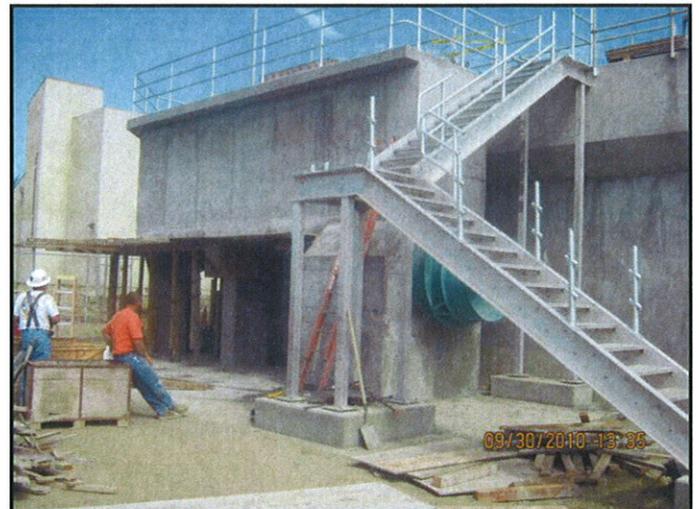
MLR Channel top

Open Issues

None.



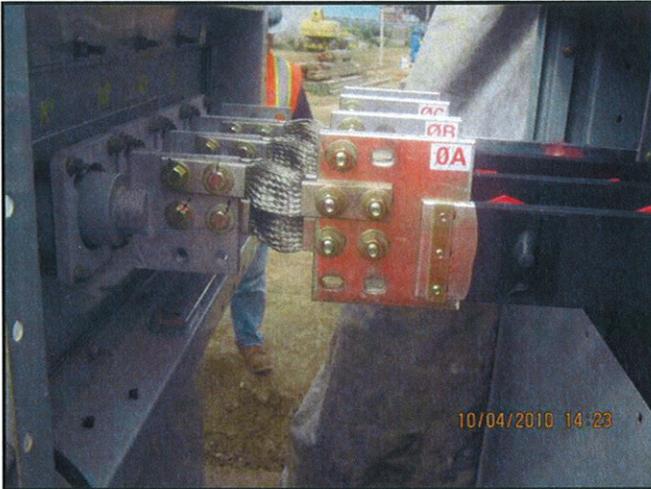
MLR Channel Falsework



MLR Channel Stairway

Progress Summary

YARD PIPING AND SITE ELECTRICAL



Substation 23 Switchgear

Summary of Work

Contractor poured PE flowmeter pipe supports and rough graded around flowmeter pad. He began rough grading subgrade of the new road in preparation for placing import soil.

Taft Electric placed and installed substation 23 electrical cabinets consisting of the 4160volt switchgear, the 4160volt/480volt transformer and the 480volt switchgear on the substation concrete pad.



Installing waddles for potential rain

Progress Expected Next Month

Continue rough grading.



Installing waddles for potential rain

Open Issues

None.

YARD PIPING AND SITE ELECTRICAL

More Pictures



Trenching for 6" FLT line



Trenching for 6" FLT line



Slurry backfill 6" FLT line



Slurry backfill 6" FLT pipeline



Electrical pull boxes on north side of anoxic tanks