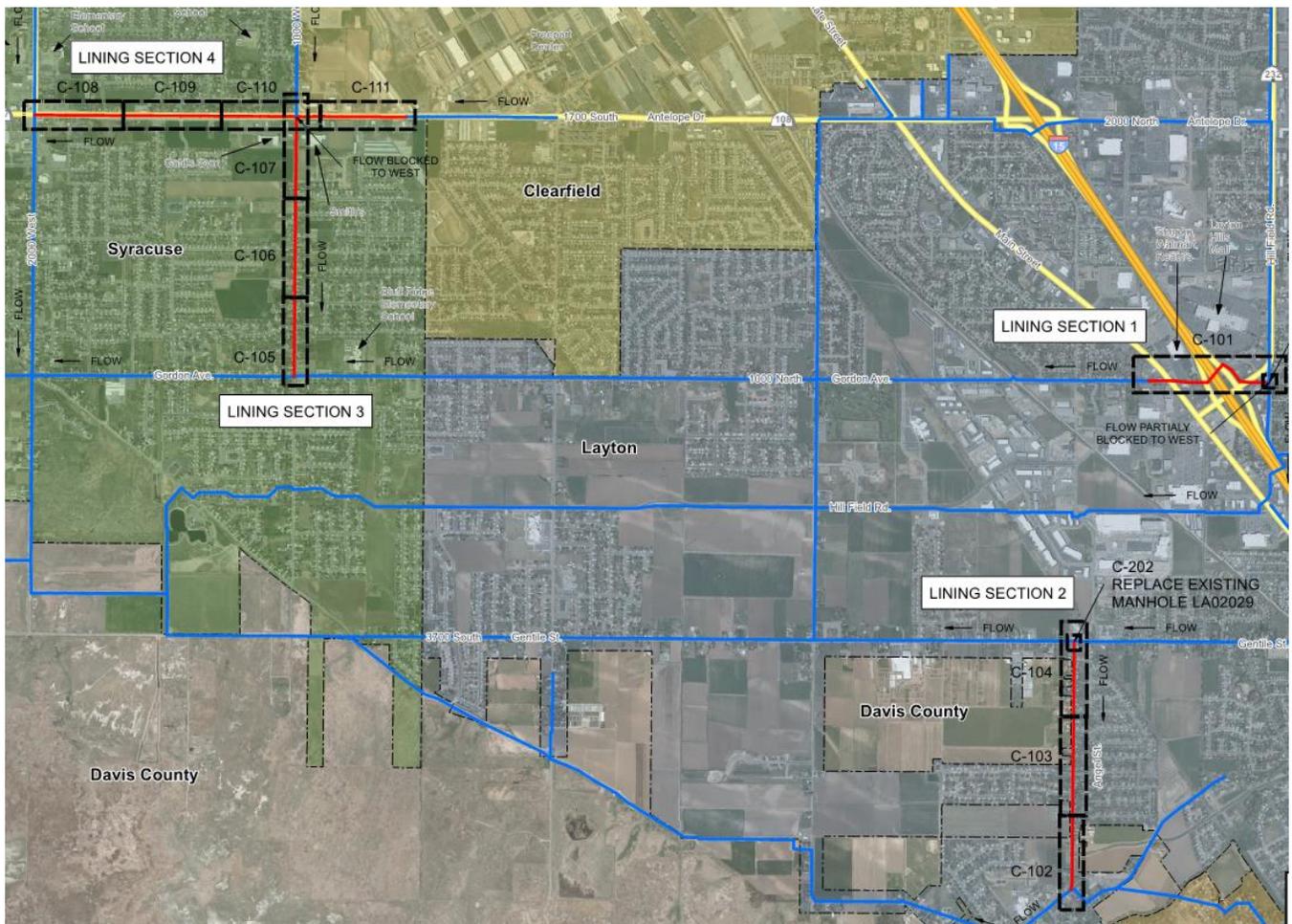


Design for Pipelining Projects

Project Overview

The North Davis Sewer District is planning on lining up to 20,600 feet of 12-inch to 24-inch diameter piping along 1000 West, 1700 South, 4800 South, 5600 South and Hill Field Road. This project is the third major pipeline rehabilitation project for the District using the UV cured CIPP method. The pipelines proposed for lining were identified by the District during CCTV condition assessment work. The project for this year includes reviewing the piping to be lined, performing the detailed design, and going out to bid and selecting a contractor for construction of the lining in 2015. In addition, the contractor prequalification process will be repeated to determine if there are additional qualified contractors that should be included in the pool of qualified bidders.



Task Order No. 3 – Secondary Digester Mixers

General Project Information

Owner	North Davis Sewer District
Engineer:	Brown and Caldwell
Contraction Manager:	Brown and Caldwell Constructors
Contractor:	MWH Constructors
Original Completion Time:	17 Months
Original Completion Date:	October 15, 2014
Original Contract Amount:	\$3,698,164.00

General Project Scope

The purpose of Task Order No. 3 is to provide services necessary to install new mixers and heaters at Secondary Digesters #1 & 2 and repaint and insulate the covers. The scope of the project includes construction of the following:

- Task Nos. 1 – 6 Selection, Preparation and Issuance of subcontract work packages
- Task Nos. 7 – 9 Selection, preparation and issuance of procurement work packages
- Task 10 – Construction Management of work package

Work Performed

The following work was performed in December:

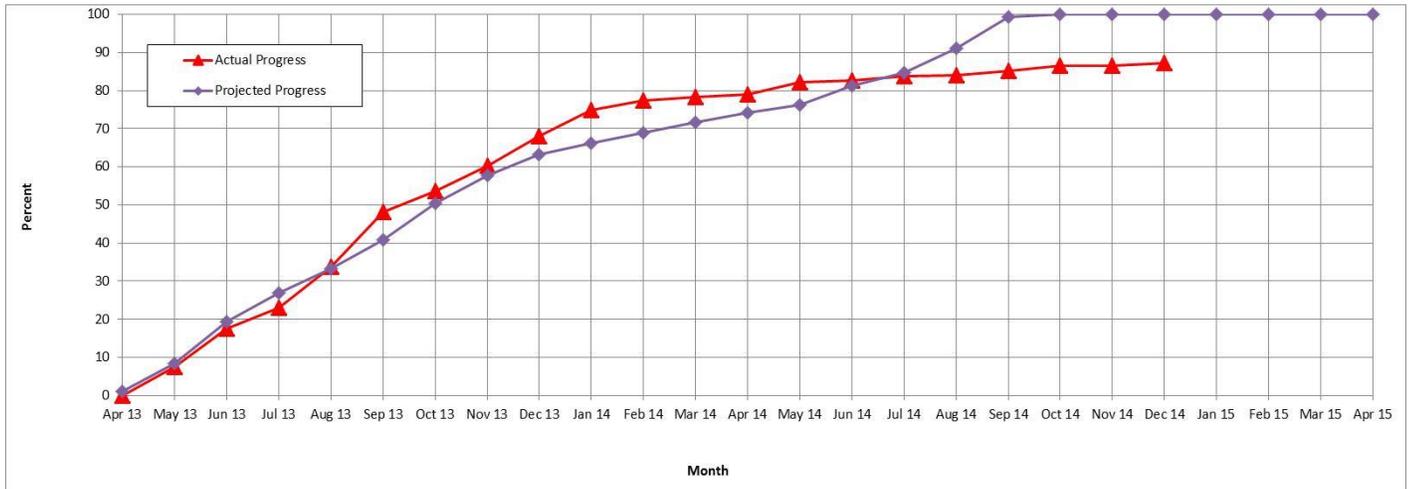
Task Nos.1 – 6 (Subcontract Work Packages):

- Finished cleaning of Primary Digester No. 2 (by NDSD personnel).

Task 10 – Construction Management

Project Progress and Payment Summary

This section presents important data concerning payments authorized, change orders, progress status, and percent of work completed. A progress curve is used as a graphical representation of the general progress of work and its relationship to the amount of contract time elapsed.



Notice to Proceed Date: April 18, 2013	Original Completion Time: 17 Months
Original Completion Date: Oct. 15, 2014	Total Approved Time extension: 0
Current Completion date: Oct. 15, 2014	Current Completion Time: 17 Months
Percent Complete To Date: 87%	Percent of Time Elapsed: 100%

Payment Summary

	This Month	To Date
Earnings of Work and Materials	\$ 20,057.26	\$3,220,893.37
Retainage*	\$ 1,002.86	\$ 161,044.67
Total Less Retainage:	\$ 19,054.40	\$3,059,848.70
Previous Payment:		\$3,040,794.30
This Month		\$ 19,054.40
Original Contract amount: \$3,698,164.00	Change Orders Approved: 0	
Change Order Percentage of Original Contract Amount: 0%	Change Order Amount to date: 0	
	Current Contract Amount: \$3,698,164.00	

Work To Be Performed

The following work will be performed in January:

Task Nos.1 – 6 (Subcontract Work Packages):

- Install scaffolding to assist in inspecting the underside of the lid #1 for structural damage.

Task 10 – Construction Management

- Provide engineering support of construction activities.

Task Order No. 4 – Primary Sludge Thickening Building

General Project Information

Owner	North Davis Sewer District
Engineer:	Brown and Caldwell
Contraction Manager:	Brown and Caldwell Constructors
Contractor:	MWH Constructors
Original Completion Time:	25 Months
Original Completion Date:	October 5, 2015
Original Contract Amount:	\$25,579,333.00

Project Overview

This project includes construction of a Primary Sludge Thickening Building (Building No. 3) that will house rotary drum thickeners, polymer feed systems, thickened sludge blending tanks, digester feed pumps, heat exchangers and a scum concentration process. Provision will also be made for future sludge strainers. The building will be connected to the existing digester complex via a new tunnel and will contain an operations room, bathroom, polymer storage and feeding room, process equipment room, and screenings dumpster room.

General Project Scope

The purpose of Task Order No. 4 is to provide services necessary to construct and startup the new primary sludge thickening process. The scope of the project includes construction of the following:

- BC Task 1 – Onsite Engineering Services during Construction
- BC Task 2 – Construction Administration
- BC Task 3 – Project Management
- MWHC Task Nos. 1 – 9 Selection, Preparation and Issuance of subcontract work packages
- MWHC Task Nos. 9 – 20 Selection, preparation and issuance of procurement work packages
- MWHC Task 21 – Construction Management of work package
- MWHC Task 22 – Commissioning and Startup Services

Work Performed

The following work was performed in December:

Task Nos.1 – 10 (Subcontract Work Packages):

- Completed placing CMU block and brick veneer.
- Completed installation of metal decking for building roof.
- Continued construction of electrical duct banks.
- Continued installation of mechanical piping and process equipment in the basement of Building No. 3.
- Continued installation of electrical conduit in the basement of Building No. 3.
- Installation of yard piping (deep drain line).

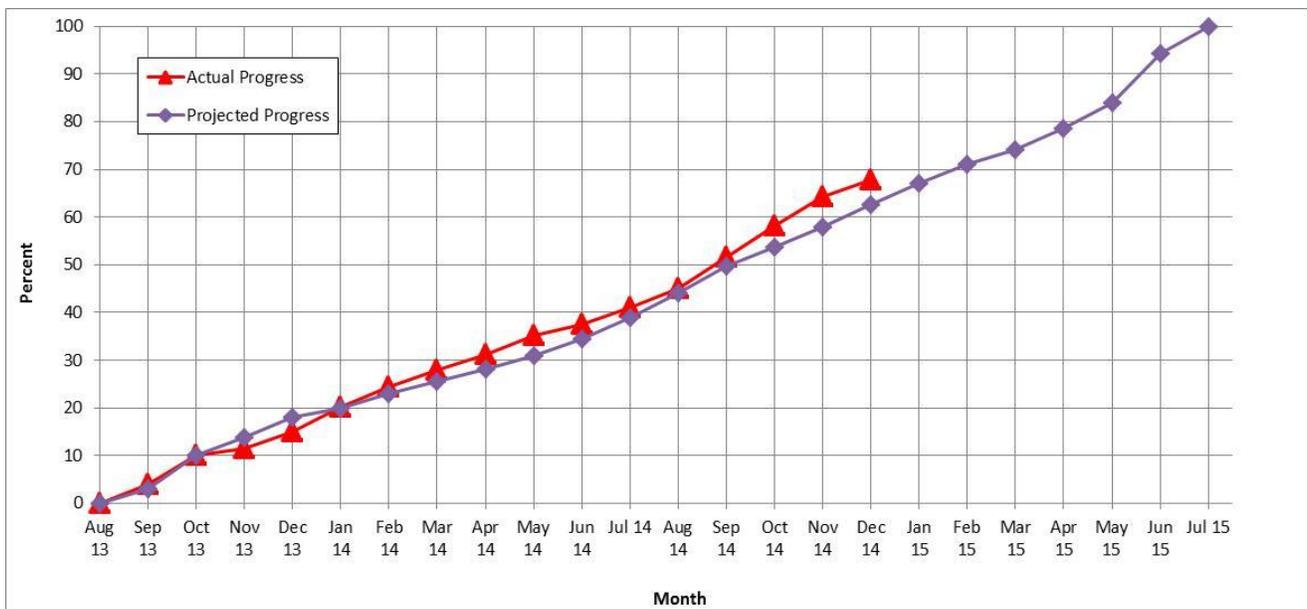
- Coating underside of metal roof decking.
- Received rotary drum thickeners.

Task No. 21 – Construction Management

- Provided project engineer and superintendent in support of construction activities.
- Reviewed submittals and completed RFI's.

Project Progress and Payment Summary

This section presents important data concerning payments authorized, change orders, progress status, and percent of work completed. A progress curve is used as a graphical representation of the general progress of work and its relationship to the amount of contract time elapsed.



Notice to Proceed Date:	August 9, 2013	Original Completion Time:	25 Months
Original Completion Date:	Oct. 5, 2015	Total Approved Time extension:	0
Current Completion date:	Oct. 5, 2015	Current Completion Time:	25 Months
Percent Complete To Date:	68%	Percent of Time Elapsed:	68%

Payment Summary

	This Month	To Date
Earnings of Work and Materials	\$ 782,257.25	\$ 14,965,961.44
Retainage*	\$ 39,112.86	\$ 787,410.87
Total Less Retainage:	\$ 743,144.39	\$ 14,960,807.84
Previous Payment:		\$ 14,217,663.37
This Month		\$ 743,144.39

Original Contract amount: \$25,579,333.00

Change Orders Approved: 0

Work To Be Performed

The following work will be performed in January:

Task Nos.1 – 10 (Subcontract Work Packages):

- Install rollup doors.
- Continue painting and coating.
- Continue painting and coating activities.
- Continue miscellaneous yard piping activities.
- Continue installation of mechanical piping and process equipment in the basement of Building No. 3 and the basement of Building No. 5.
- Continue installation of exposed electrical conduit in the basement of Building No. 3.
- Continue miscellaneous architectural features.
- Receive and install overhead doors.
- Install electrical breaker at Building No. 17.

Task 21 – Construction Management

- Provide project engineer in support of construction activities.

Photographs



Setting CMU Block on the tunnel on the East side of Bldg 5



Demolition of existing piping at Building No. 5.



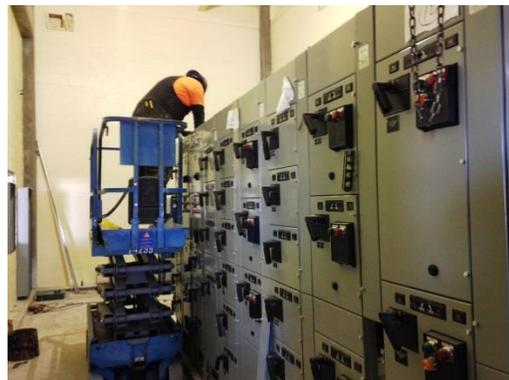
Installation of manhole on northwest corner of Building No. 3.



Installation of yard piping.



Transporting a piece of electrical switchgear to Building No. 3



Electrical switchgear at Building No. 3.

Task Order 5 – Cogeneration Facility Project

General Project Information

Owner	North Davis Sewer District
Engineer:	Brown and Caldwell
Contraction Manager:	Brown and Caldwell Constructors
Contractor	MWH Constructors
Original Completion Time:	29 months
Original Completion Date:	March 18, 2016
Original Contract Amount:	\$21,586,692.00

Project Overview

The new cogeneration facility will consist of a new building that will be designed to house three engine generators and ancillary support equipment including, exhaust boilers, gas blowers, siloxane removal system, oil storage tanks, heating loop pumping equipment, and heat loop and waste heat exchangers. The building will also house a new backup boiler system including boiler water treatment systems. The equipment will be serviced by overhead bridge cranes. The building will be located to the south of the aeration basins in the location of the former first-stage trickling filters.

The building will contain a large process equipment room for generators and boilers, a gas equipment room for the blowers and siloxane system, electrical room, workshop, operators office/control room, bathroom and a utility closet.

General Project Scope

The purpose of Task Order No. 5 is to provide services necessary to construct and startup the new Cogeneration Building. The scope of the project includes construction of the following:

- BC Task 1 – Onsite Engineering Services during Construction
- BC Task 2 – Construction Administration
- BC Task 3 – Project Management
- MWHC Task No. 1 – Vibro Replacement Stone Columns
- MWHC Task No. 2 - Cogeneration Building

Work Performed

The following work was performed in December:

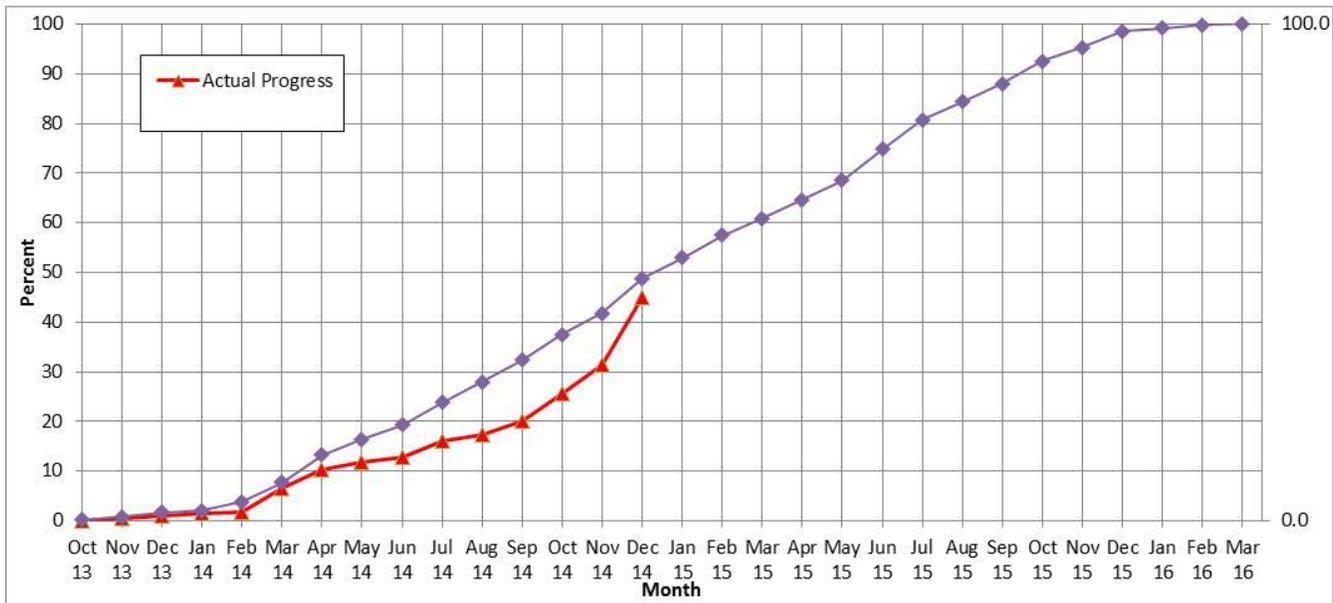
Task No.2 (Subcontract Work Packages):

- Completed installation of the CMU block and brick veneer.
- Completed installation of metal decking for the building roof.
- Received and installed engine generators from Cummins.
- Installed insulation and membrane roofing.

- Installed bridge crane in engine room and monorail in gas treatment room.
- Continue installing lighting and fire alarm conduits.
- Painted electrical room.

Project Progress and Payment Summary

This section presents important data concerning payments authorized, change orders, progress status, and percent of work completed. A progress curve is used as a graphical representation of the general progress of work and its relationship to the amount of contract time elapsed.



Notice to Proceed Date: October 23, 2013	Original Completion Time: 29 Months
Original Completion Date: March 18, 2016	Total Approved Time extension: 0
Current Completion date: March 18, 2016	Current Completion Time: March 18, 2016
Percent Complete To Date: 45%	Percent of Time Elapsed: 51%

Payment Summary

	This Month	To Date
Earnings of Work and Materials	\$ 2,912,696.04	\$ 9,379,899.70
Retainage*	\$ 145,634.80	\$ 468,994.99
Total Less Retainage:	\$ 2,767,061.24	<u>\$ 8,910,904.71</u>
Previous Payment:		\$ 6,143,873.47
Payment This Month		\$ 2,767,061.24

Original Contract amount: \$21,586,692.00	Change Orders Approved: 0
Change Order Percentage of Original Contract Amount: 0%	Change Order Amount to date: 0
	Current Contract Amount: \$21,586,692.00

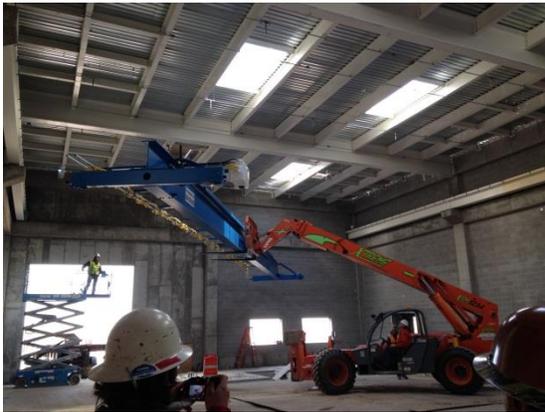
Work To Be Performed

The following work will be performed in January:

Task No.2:

- Paint interior rooms.
- Install overhead rollup and man doors.
- Continue installing lighting and fire alarm conduits on ceiling.
- Install transformer on concrete equipment pads.
- Continue painting and coating activities.
- Continue work on miscellaneous yard piping.
- Inspect electrical switchgear.

Photographs



Installation of bridge crane in engine room.



Offloading the engine generators.



Constructing the new stair well.



Installing yard piping.



Installing electrical conduits.



Installation of monorail in gas treatment room

Task Order 6 – 2014 Site Services

General Project Information

Owner	North Davis Sewer District
Engineer:	Brown and Caldwell
Contraction Manager:	Brown and Caldwell Constructors
Contractor	MWH Constructors
Original Completion Time:	12 Months
Original Completion Date:	December 31, 2014
Original Contract Amount:	\$2,018,900.00

General Project Scope

The purpose of Task Order No. 6 is to provide services necessary to manage construction activities in 2014. The scope of the project includes construction of the following:

Task 1 – Construction management services

Task 2 – Preparation of monthly progress reports

Task 3 – Scheduling and coordination

Task 4 – Establish and maintain field offices

Task 5 – Construction support services including snow removal; street sweeping; road maintenance; site conditions survey, and ice (for construction employees)

Work Performed

The following work was performed in December:

Task 1 – Construction management services:

- Provided construction management team consisting of construction manager, general superintendent, safety professional, and office manager.
- Team focused on executing TO 3 (Secondary Digester Mixers), TO 4 (Primary Sludge Thickening Building) and TO 5B (Cogeneration Facility).

Task 2 – Preparation of monthly progress reports

- Prepared and submitted September 2014 progress report and invoices.

Task 3 – Scheduling and coordination

- Maintained and updated Task Order No. 3 project schedule.
- Maintained and updated Task Order No. 4 project schedule.
- Maintained and updated Task Order No. 5B baseline schedule.

Biosolids Storage Pad

General Project Information

Owner	AG Resources
Engineer:	Brown and Caldwell
Contraction Manager:	Brown and Caldwell
Contractor:	Randy Marriott Construction
Original Completion Time:	9 Months
Original Completion Date:	June 5, 2015
Original Contract Amount:	\$2,335,491.23

Project Overview

This project is a continuation of the Class B Land Application Program that was developed and implemented in 2011. In 2012, the focus changed to monitoring the application of biosolids using the tools developed in 2011, finalizing landowner agreements with Western Basin Land and Livestock (Marriott), and developing an offsite storage area on the Marriott property. The offsite storage area will be constructed in 2014 – 2015 and will provide flexibility in the timing of both hauling biosolids and applying biosolids. The storage facility will also allow the District to move biosolids offsite at any time to better respond to odor issues.

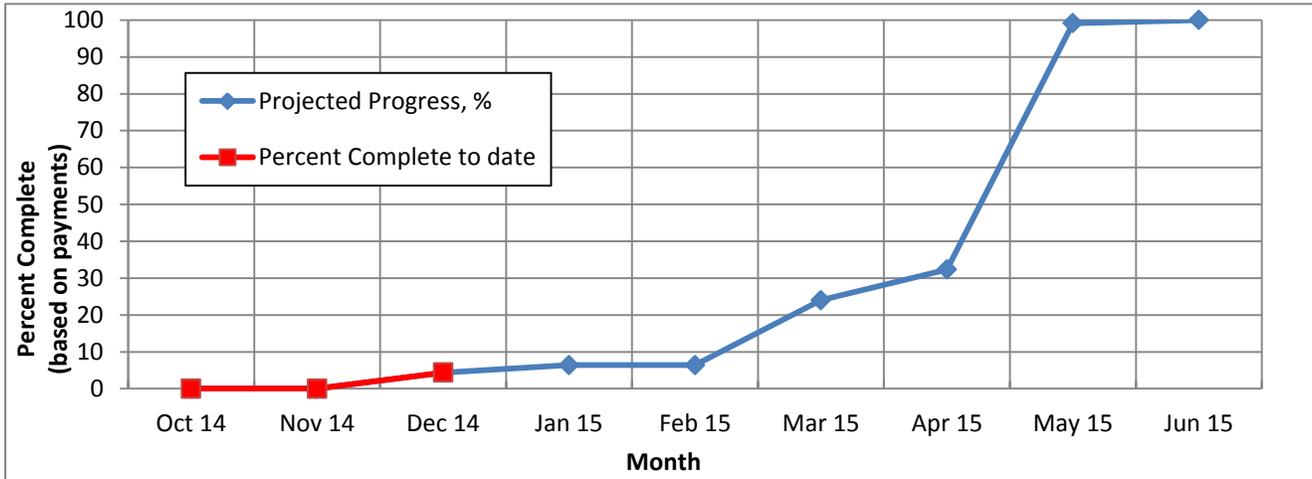
Work Performed

The following work was performed in December:

- BC issued the conformed documents for construction.
- A project kickoff meeting was held on 12/12/14.
- Contractor has continued excavation of pad and pond.
- BC calculated volume of import from area south of pad.
- BC coordinated plan to address drainage with Contractor.

Project Progress and Payment Summary

This section presents important data concerning payments authorized, change orders, progress status, and percent of work completed. A progress curve is used as a graphical representation of the general progress of work and its relationship to the amount of contract time elapsed.



Notice to Proceed Date:	Dec. 2014	Original Completion Time:	7 Months
Original Completion Date:	June. 5, 2015	Total Approved Time extension:	0
Current Completion date:	June 5, 2015	Current Completion Time:	7 Months
Percent Complete To Date:	4%	Percent of Time Elapsed:	33%

Payment Summary

	This Month	To Date
Earnings of Work and Materials	\$ 101,747.00	\$ 101,747.00
Retainage*	\$ 5,087.35	\$ 5,087.35
Total Less Retainage	\$ 96,659.65	\$ 96,659.65
Previous Payment		\$ 0
This Month		\$ 96,659.65
Original Contract amount: \$2,335,491.23	Change Orders Approved: 0	
Change Order Percentage of Original Contract Amount: 0%	Change Order Amount to date: 0	
	Current Contract Amount: \$2,335,491.23	

Work To Be Performed

The following work will be performed in January:

- Contractor will continue earthwork for the pad and pond.
- Contractor and BC will hold constructability meeting on the paving operations.
- Contractor will install drainage beneath pad.
- Contractor will install drainage from natural pond to the east to the natural pond to the north.



Access Road/Berm



Pond



Panorama 1 - Pad Earthwork



Panorama 2 - Pad Earthwork