

ATTACHMENT 6. SCHEDULE

The schedule on the next page summarizes the duration of the four task categories for each project included in this Proposal. This schedule is a roll-up of the individual project schedules that are shown later in this attachment. Of particular note is that the scheduled construction start date is before April 1, 2015 for six of the eight projects included in this application.

The following sections include the schedule for each project and describe how the project schedule shown in realistic, reasonable, and accomplishable based on the state of the project development. The schedules show the start and end dates for each project task and the duration in Gantt chart format. The schedule also illustrates work items that are dependent on one another through linkages. It is important to note that, while the schedules show the Project Performance Monitoring Plan implementation to end with construction, it is understood that project performance monitoring will continue post-construction for a period up to 10 years or as required by the executed funding agreement.

Please note the following conventions that have been used for these schedules:

- Tasks that are ongoing have been given a start date of July 1, 2014. In most cases, work on these tasks actually started well before July 1, 2014.
- Tasks that are complete are shown with 0 day durations at the assumed date of grant award (October 16, 2014). Proof of completion of these tasks and deliverables will be transmitted to DWR after grant award.

The reason for these conventions is to allow the Gantt charts to focus on and show detail during the period after the assumed award date of the grant.

Task Name	Duration	Start	Finish	2015				2016				2017		
				Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
East Stanislaus 2014 Drought Grant Application	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Grant Award Date	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
New Hickman Community Well Project	659 days	Tue 7/1/14	Fri 1/6/17	[Gantt bar spanning from Q2 2015 to Q2 2017]										
Category (a): Direct Project Administration	582 days	Thu 10/16/14	Fri 1/6/17	[Gantt bar spanning from Q3 2015 to Q2 2017]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	654 days	Tue 7/1/14	Sat 12/31/16	[Gantt bar spanning from Q2 2015 to Q4 2016]										
Category (d): Construction/Implementation	370 days	Mon 8/3/15	Fri 12/30/16											
Grayson Water System Efficiency Improvements Project	329 days	Tue 9/2/14	Fri 12/4/15	[Gantt bar spanning from Q3 2015 to Q4 2015]										
Category (a): Direct Project Administration	297 days	Thu 10/16/14	Fri 12/4/15	[Gantt bar spanning from Q3 2015 to Q4 2015]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	151 days	Tue 9/2/14	Tue 3/31/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (d): Construction/Implementation	240 days	Mon 12/29/14	Fri 11/27/15											
South Modesto Infrastructure Efficiency Project	216 days	Tue 7/1/14	Tue 4/29/15	[Gantt bar spanning from Q2 2015 to Q1 2016]										
Category (a): Direct Project Administration	139 days	Thu 10/16/14	Tue 4/29/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	77 days	Tue 7/1/14	Thu 10/16/14	[Gantt bar spanning from Q2 2015 to Q1 2016]										
Category (d): Construction/Implementation	195 days	Tue 7/22/14	Mon 4/20/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Turlock Expanded Non-Potable Water Use	625 days	Mon 7/7/14	Fri 11/25/16	[Gantt bar spanning from Q2 2015 to Q4 2016]										
Category (a): Direct Project Administration	552 days	Thu 10/16/14	Fri 11/25/16	[Gantt bar spanning from Q3 2015 to Q4 2016]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	110 days	Mon 7/7/14	Fri 12/5/14	[Gantt bar spanning from Q2 2015 to Q4 2015]										
Category (d): Construction/Implementation	510 days	Mon 12/8/14	Fri 11/18/16	[Gantt bar spanning from Q4 2015 to Q4 2016]										
Landscape Irrigation Efficiency Program (Turlock)	175 days	Mon 9/8/14	Fri 5/8/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (a): Direct Project Administration	147 days	Thu 10/16/14	Fri 5/8/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	30 days	Mon 9/8/14	Fri 10/17/14	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (d): Construction/Implementation	142 days	Thu 10/16/14	Fri 5/1/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Turlock Landscape Replacement Program	127 days	Thu 10/16/14	Fri 4/10/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (a): Direct Project Administration	127 days	Thu 10/16/14	Fri 4/10/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	30 days	Thu 10/16/14	Wed 11/26/14	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Category (d): Construction/Implementation	122 days	Thu 10/16/14	Fri 4/3/15	[Gantt bar spanning from Q3 2015 to Q1 2016]										
Hughson Potable Supply Offset Project	410 days	Tue 7/1/14	Mon 1/25/16	[Gantt bar spanning from Q2 2015 to Q4 2015]										
Category (a): Direct Project Administration	333 days	Thu 10/16/14	Mon 1/25/16	[Gantt bar spanning from Q3 2015 to Q4 2015]										
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14			◆ 10/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	165 days	Tue 7/1/14	Mon 2/16/15	[Gantt bar spanning from Q2 2015 to Q4 2015]										
Category (d): Construction/Implementation	328 days	Thu 10/16/14	Mon 1/18/16	[Gantt bar spanning from Q3 2015 to Q4 2015]										
North Valley Regional Recycled Water Program	736 days	Tue 7/1/14	Tue 4/25/17	[Gantt bar spanning from Q2 2015 to Q2 2017]										
Category (a): Direct Project Administration	659 days	Thu 10/16/14	Tue 4/25/17	[Gantt bar spanning from Q3 2015 to Q2 2017]										
Category (b): Land Purchase/Easement	476 days	Tue 7/1/14	Tue 4/26/16	[Gantt bar spanning from Q2 2015 to Q4 2016]										
Category (c): Planning/Design/Engineering/Environmental Documentation	476 days	Tue 7/1/14	Tue 4/26/16	[Gantt bar spanning from Q2 2015 to Q4 2016]										
Category (d): Construction/Implementation	450 days	Wed 7/29/15	Tue 4/18/17											

New Hickman Community Well Project (Modesto)

Implementation of the City of Modesto's **New Hickman Community Well Project** will follow the schedule below. The project will begin once the grant is award (assumed to be October 16, 2014) and is expected to be completed by the end of 2016.

Schedule Justification

The **New Hickman Community Well Project** schedule shown is realistic, reasonable, and accomplishable. The City of Modesto has been laying the groundwork for implementation of this project for several years and has completed many of the steps that cause delays and extend schedules, particularly land acquisition and environmental documentation. All of the geological and engineering studies are complete, and the City of Modesto is preparing, at the time of this application submittal, a request for proposal for consulting engineering services for project final design. The project schedule allows ample time for Requests For Proposals, consultant selection, and council approval based on City staff projections and experience with letting previous engineering contracts.

The City of Modesto has budgeted for the design of the project and completing the design by July 2015 should not be problematic for a project of this type and size. The City of Modesto has completed projects like the **New Hickman Community Well Project** before and has accounted for permit lead times and can anticipate permit conditions. Construction is anticipated to start and end in calendar year 2016. Based on City of Modesto experience with projects similar to this one, this duration should be adequate to complete construction of a new well and start delivery from this new water supply.

Task Name	Duration	Start	Finish	2014				2015				2016				20			
				Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1		Qtr 2		
East Stanislaus 2014 Drought Grant Application	659 days	Tue 7/1/14	Fri 1/6/17																
Grant Award Date	0 days	Thu 10/16/14	Thu 10/16/14																
New Hickman Community Well Project	659 days	Tue 7/1/14	Fri 1/6/17																
Category (a): Direct Project Administration	582 days	Thu 10/16/14	Fri 1/6/17																
Task 1: Administration	582 days	Thu 10/16/14	Fri 1/6/17																
Final Invoice Submittal to DWR	0 days	Fri 1/6/17	Fri 1/6/17																
Task 2: Labor Compliance Program (Completed)	0 days	Thu 10/16/14	Thu 10/16/14																
Labor Compliance Program Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14																
Task 3: Reporting	582 days	Thu 10/16/14	Fri 1/6/17																
Quarterly Reports	522 days	Mon 11/3/14	Tue 11/1/16																
Prepare Project Performance Monitoring Plan	20 days	Thu 10/16/14	Wed 11/12/14																
Project Performance Monitoring Plan Submittal to DWR	0 days	Wed 11/12/14	Wed 11/12/14																
Project Completion Report	5 days	Mon 1/2/17	Fri 1/6/17																
Project Completion Report Submittal to DWR	0 days	Fri 1/6/17	Fri 1/6/17																
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14																
Task 4: Land Acquisition (Completed)	0 days	Thu 10/16/14	Thu 10/16/14																
Proof of Property Acquisition	0 days	Thu 10/16/14	Thu 10/16/14																
Category (c): Planning/Design/Engineering/Environmental Documentation	654 days	Tue 7/1/14	Sat 12/31/16																
Task 5: Assessment and Evaluation (Completed)	0 days	Thu 10/16/14	Thu 10/16/14																
2010 Engineer's Report	0 days	Thu 10/16/14	Thu 10/16/14																
2012 Test Well Report	0 days	Thu 10/16/14	Thu 10/16/14																
Task 6: Final Design	284 days	Tue 7/1/14	Fri 7/31/15																
Final Design Package Submittal to DWR	0 days	Fri 7/31/15	Fri 7/31/15																
Task 7: Environmental Documentation (Completed)	0 days	Thu 10/16/14	Thu 10/16/14																
Notice of Determination Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14																
Finding of Conformance Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14																
Statement of Exemption for Test Well Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14																
Task 8: Permitting	284 days	Tue 12/1/15	Sat 12/31/16																
County Encroachment Permit	23 days	Tue 12/1/15	Thu 12/31/15																
County Well Drilling Permit	21 days	Fri 1/1/16	Sun 1/31/16																
Construction Permits Submittal to DWR	0 days	Sun 1/31/16	Sun 1/31/16																
CDPH Well Certification and Operating Permit	22 days	Thu 12/1/16	Sat 12/31/16																
Well Operation Permit Submittal to DWR	0 days	Sat 12/31/16	Sat 12/31/16																
Category (d): Construction/Implementation	370 days	Mon 8/3/15	Fri 12/30/16																
Task 9: Construction Contracting	109 days	Mon 8/3/15	Thu 12/31/15																
Prepare Bid Package	59 days	Mon 8/3/15	Thu 10/22/15																
Bid Period	40 days	Fri 10/23/15	Thu 12/17/15																
Contract Award	10 days	Fri 12/18/15	Thu 12/31/15																
Contract Award Documentation Submittal to DWR	0 days	Thu 12/31/15	Thu 12/31/15																
Task 10: Construction	260 days	Fri 1/1/16	Thu 12/29/16																
Project Acceptance Documentation Submittal to DWR	0 days	Thu 12/29/16	Thu 12/29/16																
Task 11: Environmental Compliance/Mitigation/Enhancement	260 days	Mon 1/4/16	Fri 12/30/16																
Inspection Records Submittal to DWR	0 days	Fri 12/30/16	Fri 12/30/16																
Task 12: Construction Administration	260 days	Mon 1/4/16	Fri 12/30/16																
Final Construction Logs Submittal to DWR	0 days	Fri 12/30/16	Fri 12/30/16																

Grayson Water System Efficiency Improvements Project (Modesto)

Implementation of the City of Modesto's **Grayson Water System Efficiency Improvements Project** will follow the schedule below. The project will commence once the grant is awarded (assumed to be October 16, 2014) and is expected take approximately one year to complete.

Schedule Justification

As discussed in Attachments 7 and 8, the community of Grayson is a disadvantaged community located approximately 14 miles west of the City of Modesto. The Grayson water system is owned and operated by the City of Modesto, and relies entirely on groundwater supply from two water wells and does not have access to any other sources of water.

The **Grayson Water System Efficiency Project** will reduce the community's water losses, which are quite high due to old and undersized steel water mains. Previous leak detection/repairs and water metering in this community have resulted in a large reduction in required water production; however, system-wide pipe leakage still contributes to a significant loss of potable water for this small community as indicated by the difference between metered demand and water production. A more efficient water distribution system would offset the short-term drought impacts in regard to a reduced water supply, and the resulting potential increase in contaminants and provide the DAC with a more reliable water supply.

The proposed project will replace 9,000 linear feet of water main within Grayson. The replacement pipeline design and construction will be straightforward, following both State and City design standards, and will require only City-issued and Stanislaus County-issued permits and limited environmental documentation (Mitigated Negative Declaration). The project is expected to immediately begin upon grant award and be completed within one year. The City anticipates hiring a contractor to design and construct the project.

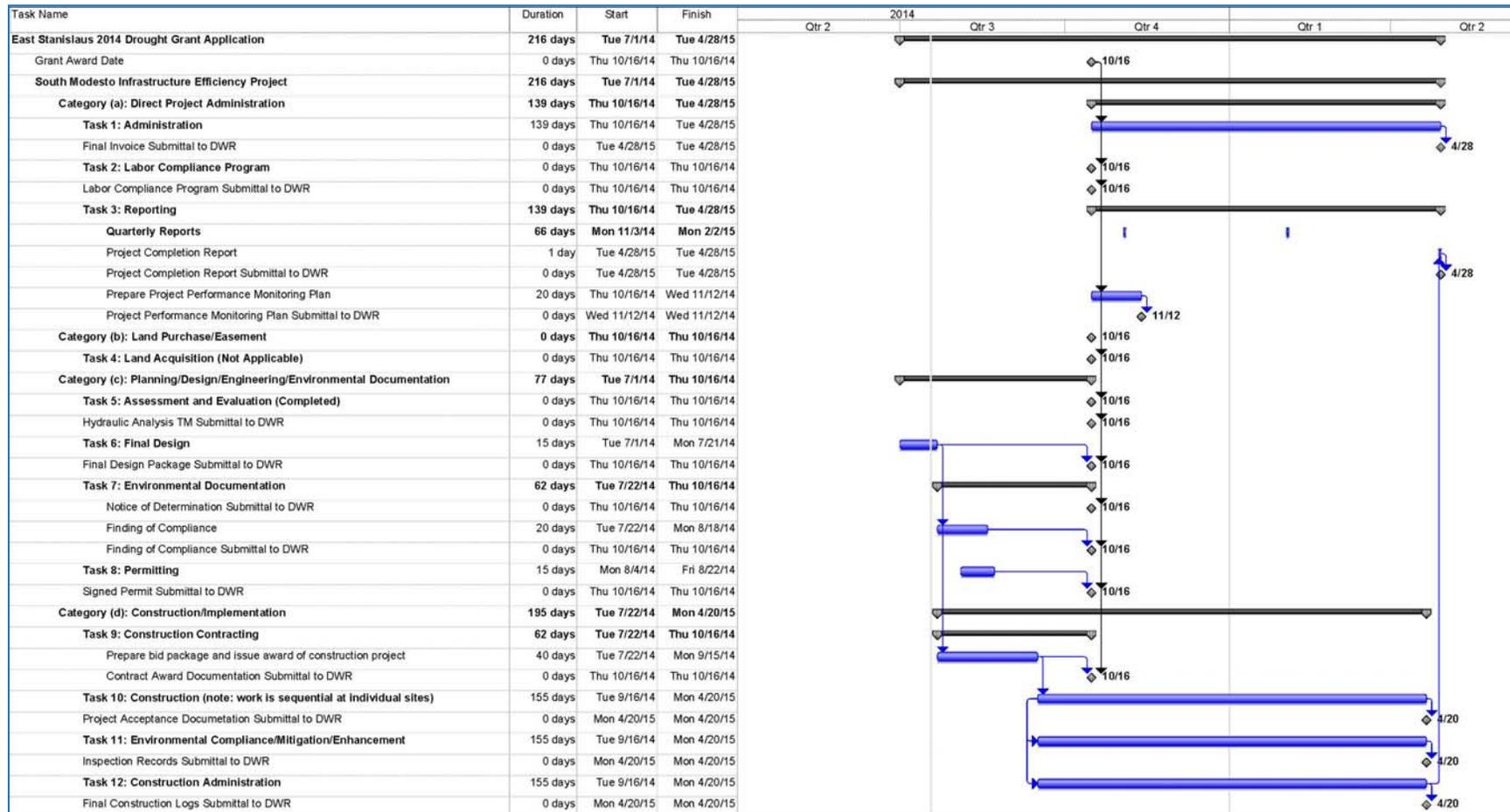
South Modesto Infrastructure Efficiency Project (Modesto)

Implementation of the City of Modesto's **South Modesto Infrastructure Efficiency Project** will follow the schedule below. The project will begin once the grant is award (assumed to be October 16, 2014) and is expected to be completed by the end of April 2015.

Schedule Justification

As discussed in Attachments 7 and 8, the disadvantaged South Modesto community of Bret Harte is dependent on groundwater for its potable water supplies. Recently, several South Modesto wells have been shut down and abandoned due to uranium, gross alpha and nitrates contamination, which has restricted the area's ability to meet potable demands. Until recently, the City of Modesto has been able to make up this loss by using surface water purchased from Modesto Irrigation District (MID); however, the drought has reduced surface water deliveries by approximately 43% starting in May 2014. This severe surface water delivery reduction forced the City to pump more groundwater to make up the shortfall. The City has very little pumping reserve capacity south of the Tuolumne River and has limited ability to bring South Modesto offline wells back online due to existing contamination issues.

The **South Modesto Infrastructure Efficiency Project** will reduce significant system losses to provide immediate relief to strained pumping infrastructure and will aid in preserving existing supplies for community use by limiting system losses. The project is expected to immediately begin upon grant award and be completed by April of 2015. This schedule is achievable as all preliminary design work and CEQA analyses have been completed, and the final design is presently 95% complete and will be completed by July of 2014. Once the final design is complete, the City can quickly prepare and issue the necessary bid documents and obtain the required encroachment permits from Stanislaus County. The City anticipates hiring a contractor to construct the project and will conduct construction management/administration using in-house staff.



Expanded Non-Potable Water Use Project (Turlock)

Implementation of the City of Turlock's **Expanded Non-Potable Water Use Project** will follow the schedule below. The project will begin once the grant is award (assumed to be October 16, 2014) and is expected take approximately two years to complete.

Schedule Justification

In order to expand non-potable water use within the City of Turlock, six new non-potable wells will be constructed per city standards at six different locations. The well design and construction will be straightforward, following both State and City well design standards, and will require only City-issued permits and limited environmental documentation (Mitigated Negative Declaration). The project is expected to immediately begin upon grant award and be completed in approximately two years. Environmental documents will be performed in conjunction with project design and construction. The City anticipates hiring a contractor to design and construct the project.

Task Name	Duration	Start	Finish	2014				2015				2016			
				Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Qtr 1
East Stanislaus 2014 Drought Grant Application	625 days	Mon 7/7/14	Fri 11/25/16												
Grant Award Date	0 days	Thu 10/16/14	Thu 10/16/14												
Turlock Expanded Non-Potable Water Use	625 days	Mon 7/7/14	Fri 11/25/16												
Category (a): Direct Project Administration	552 days	Thu 10/16/14	Fri 11/25/16												
Task 1: Administration	552 days	Thu 10/16/14	Fri 11/25/16												
Final Invoice Submittal to DWR	0 days	Fri 11/25/16	Fri 11/25/16												
Task 2: Labor Compliance Program (Completed)	0 days	Thu 10/16/14	Thu 10/16/14												
Labor Compliance Program Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14												
Task 3: Reporting	552 days	Thu 10/16/14	Fri 11/25/16												
Quarterly Reports	522 days	Mon 11/3/14	Tue 11/1/16												
Project Completion Report	5 days	Mon 11/21/16	Fri 11/25/16												
Project Completion Report Submittal to DWR	0 days	Fri 11/25/16	Fri 11/25/16												
Prepare Project Performance Monitoring Plan	20 days	Thu 10/16/14	Wed 11/12/14												
Project Performance Monitoring Plan Submittal to DWR	0 days	Wed 11/12/14	Wed 11/12/14												
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14												
Task 4: Land Acquisition (Not Applicable)	0 days	Thu 10/16/14	Thu 10/16/14												
Category (c): Planning/Design/Engineering/Environmental Documentation	110 days	Mon 7/7/14	Fri 12/5/14												
Task 5: Assessment and Evaluation	73 days	Mon 7/7/14	Thu 10/16/14												
Project Feasibility and Preliminary Design	60 days	Mon 7/7/14	Fri 9/26/14												
Preliminary Well Installation Plan Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14												
Task 6: Final Design	20 days	Mon 9/29/14	Fri 10/24/14												
Final Design Package Submittal to DWR	0 days	Fri 10/24/14	Fri 10/24/14												
Task 7: Environmental Documentation	35 days	Mon 9/29/14	Fri 11/14/14												
Prepare Mitigated Negative Declaration	20 days	Mon 9/29/14	Fri 10/24/14												
Adopt Mitigated Negative Declaration	0 days	Fri 11/14/14	Fri 11/14/14												
Notice of Determination Submittal to DWR	0 days	Fri 11/14/14	Fri 11/14/14												
Task 8: Permitting	15 days	Mon 11/17/14	Fri 12/5/14												
File for and Obtain City Permits	15 days	Mon 11/17/14	Fri 12/5/14												
City Permit Submittal to DWR	0 days	Fri 12/5/14	Fri 12/5/14												
Category (d): Construction/Implementation	510 days	Mon 12/8/14	Fri 11/18/16												
Task 9: Construction Contracting	100 days	Mon 12/8/14	Fri 4/24/15												
Prepare bid package and issue award of construction project	50 days	Mon 12/8/14	Fri 2/13/15												
Bid Period	40 days	Mon 2/16/15	Fri 4/10/15												
Contract Award	10 days	Mon 4/13/15	Fri 4/24/15												
Issue Notice to Proceed	0 days	Fri 4/24/15	Fri 4/24/15												
Contract Award Documentation Submittal to DWR	0 days	Fri 4/24/15	Fri 4/24/15												
Task 10: Construction (note: work conducted sequentially at individual sites)	410 days	Mon 4/27/15	Fri 11/18/16												
Project Acceptance Documentation Submittal to DWR	0 days	Fri 11/18/16	Fri 11/18/16												
Task 11: Environmental Compliance/Mitigation/Enhancement	410 days	Mon 4/27/15	Fri 11/18/16												
Inspection Records Submittal to DWR	0 days	Fri 11/18/16	Fri 11/18/16												
Task 12: Construction Administration	410 days	Mon 4/27/15	Fri 11/18/16												
Final Construction Logs Submittal to DWR	0 days	Fri 11/18/16	Fri 11/18/16												

Landscape Irrigation Efficiency Program (Turlock)

Implementation of the City of Turlock's **Landscape Irrigation Efficiency Program** will follow the schedule below. The project will begin once the grant is awarded (assumed to be October 16, 2014) and is expected to be complete by June 2015. The program is already in progress with the initial evaluation of the current landscaping efficiency completed. The City researched available technologies during the initial evaluation and has developed an implementation plan to target the installation of the new controllers.

Schedule Justification

Once the grant is awarded, the City will begin to develop the final design and specifications for the purchase and installation of the new controllers. The City will develop midpoint draft design and specifications for review. The final design and specifications will incorporate comments from the midpoint submittal. The final design will be used to prepare the bid documents. The development of final design and specifications is expected to be completed by November 2014.

Because the City owns the project areas, there will be no major tasks related to land acquisition or easements. A Proof of Title Transfer can be obtained with ease at any time during the implementation of the program if required. The City will review applicable permits and environmental documents, but no revisions to existing permits and environmental compliance documents are anticipated. Additionally, new permits or new environmental documents are not anticipated as there are no major changes to the existing areas and new land is not being acquired.

A majority of the bid activities will occur in December 2014, after final design. Installation of the new automatic rain sensor/irrigation controllers will begin once the contractor is selected in December 2014. Additional environmental compliance tasks may be completed concurrently with construction. Installation will be complete in May 2015 and the rain sensor/irrigation controllers will be tested for proper installation. The duration of the testing period may be dependent on the weather, as rain will be required to test the 'real-world' performance of the new controllers. The program will be complete in June 2015.

Task Name	Duration	Start	Finish	2015				
				Qtr 3	Qtr 4	Qtr 1	Qtr 2	Qtr 3
East Stanislaus 2014 Drought Grant Application	175 days	Mon 9/8/14	Fri 5/8/15					
Grant Award Date	0 days	Thu 10/16/14	Thu 10/16/14					
Landscape Irrigation Efficiency Program (Turlock)	175 days	Mon 9/8/14	Fri 5/8/15					
Category (a): Direct Project Administration	147 days	Thu 10/16/14	Fri 5/8/15					
Task 1: Administration	147 days	Thu 10/16/14	Fri 5/8/15					
Final Invoice Submittal to DWR	0 days	Fri 5/8/15	Fri 5/8/15					
Task 2: Labor Compliance Program	0 days	Thu 10/16/14	Thu 10/16/14					
Labor Compliance Program Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14					
Task 3: Reporting	147 days	Thu 10/16/14	Fri 5/8/15					
Quarterly Reports	130 days	Mon 11/3/14	Fri 5/1/15					
Project Completion Report	5 days	Mon 5/4/15	Fri 5/8/15					
Project Completion Report Submittal to DWR	0 days	Fri 5/8/15	Fri 5/8/15					
Prepare Project Performance Monitoring Plan	20 days	Thu 10/16/14	Wed 11/12/14					
Project Performance Monitoring Plan Submittal to DWR	0 days	Wed 11/12/14	Wed 11/12/14					
Category (b): Land Purchase/Easement	0 days	Thu 10/16/14	Thu 10/16/14					
Task 4: Land Acquisition (Not Applicable)	0 days	Thu 10/16/14	Thu 10/16/14					
Category (c): Planning/Design/Engineering/Environmental Documentation	30 days	Mon 9/8/14	Fri 10/17/14					
Task 5: Assessment and Evaluation (Not Applicable)	0 days	Thu 10/16/14	Thu 10/16/14					
Task 6: Final Design	30 days	Mon 9/8/14	Fri 10/17/14					
Final Design Package Submittal to DWR	0 days	Fri 10/17/14	Fri 10/17/14					
Task 7: Environmental Documentation (Not Applicable)	0 days	Thu 10/16/14	Thu 10/16/14					
Task 8: Permitting (Not Applicable)	0 days	Thu 10/16/14	Thu 10/16/14					
Category (d): Construction/Implementation	142 days	Thu 10/16/14	Fri 5/1/15					
Task 9: Construction Contracting	15 days	Mon 10/20/14	Fri 11/7/14					
Prepare Bid Package	3 days	Mon 10/20/14	Wed 10/22/14					
Bid Period and Award Contract	12 days	Thu 10/23/14	Fri 11/7/14					
Issue Notice to Proceed	0 days	Fri 11/7/14	Fri 11/7/14					
Contract Award Documentation Submittal to DWR	0 days	Fri 11/7/14	Fri 11/7/14					
Task 10: Construction	125 days	Mon 11/10/14	Fri 5/1/15					
Project Acceptance Documentation Submittal to DWR	0 days	Fri 5/1/15	Fri 5/1/15					
Task 11: Environmental Compliance/Mitigation/Enhancement (Not Applicable)	0 days	Thu 10/16/14	Thu 10/16/14					
Task 12: Construction Administration	125 days	Mon 11/10/14	Fri 5/1/15					
Final Construction Logs Submittal to DWR	0 days	Fri 5/1/15	Fri 5/1/15					

Landscape Replacement Program (Turlock)

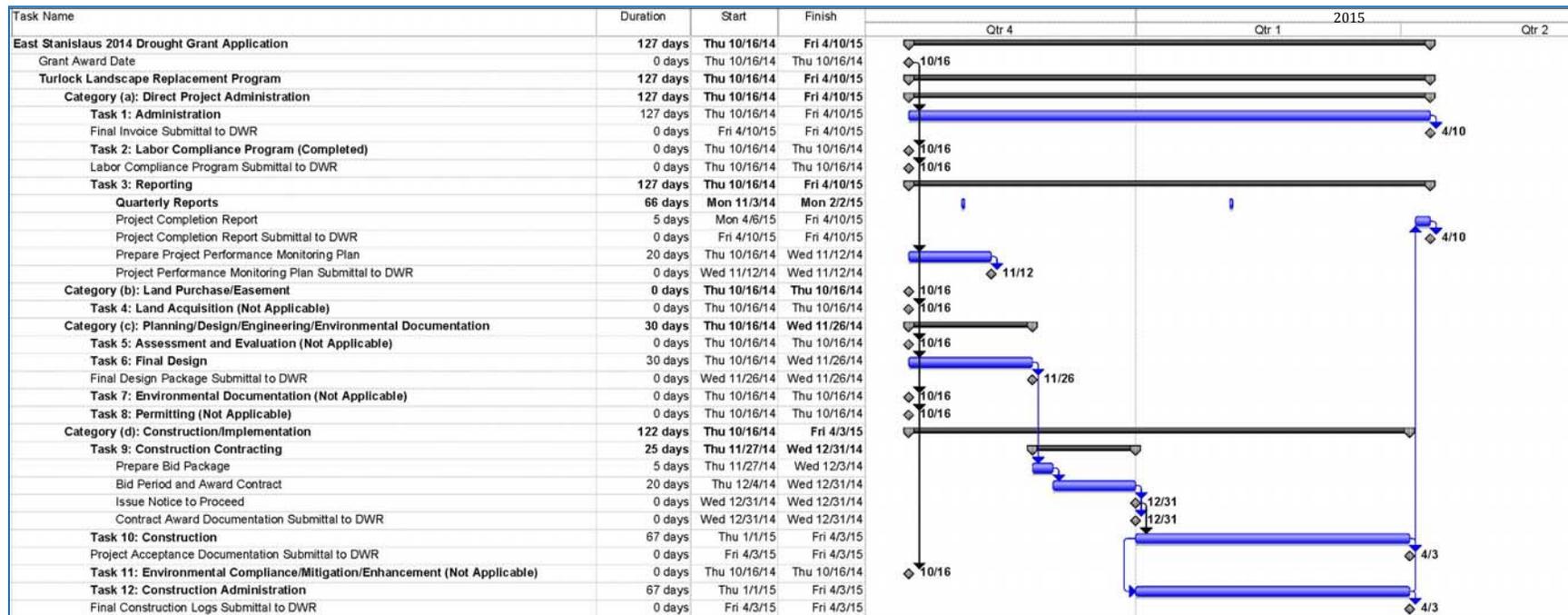
Implementation of the City of Turlock's **Landscape Replacement Program** will follow the schedule below. The project will begin once the grant is awarded (assumed to be October 16, 2014) and is expected to be complete by April 2015. The program is currently in the early planning stages; planting designs can be completed quickly and implemented in time for the fall and winter planting season.

Schedule Justification

Once the grant is awarded, the City will begin to develop the final design and specifications for the installation of new drought-resistant landscaping. The City will develop midpoint draft design and specifications for review. The final design and specifications will incorporate comments from the midpoint submittal, and the final design will be used to prepare the bid documents. The development of final design and specifications is expected to be completed by the end of November 2014.

Because the City owns the project areas, there will be no major tasks related to land acquisition or easements. A Proof of Title Transfer can be obtained with ease at any time during the implementation of the program if required. The City will conduct a review for applicable permits and environmental documents, but no permit activities other than compliance with the Stormwater General Permit is expected and no new environmental compliance documents are anticipated to be required as there are no major changes to the existing areas and new land is not being acquired. The contractor will be responsible for complying with the State's Stormwater General Permit for construction.

Bid activities will occur in November-December 2014, after final design has been completed. Turf removal and replanting will begin once the contractor is selected in December 2014 and a notice to proceed is issued. Additional environmental compliance/monitoring tasks may be completed concurrently with construction. Installation, and the project as a whole, will be completed by April 2015.

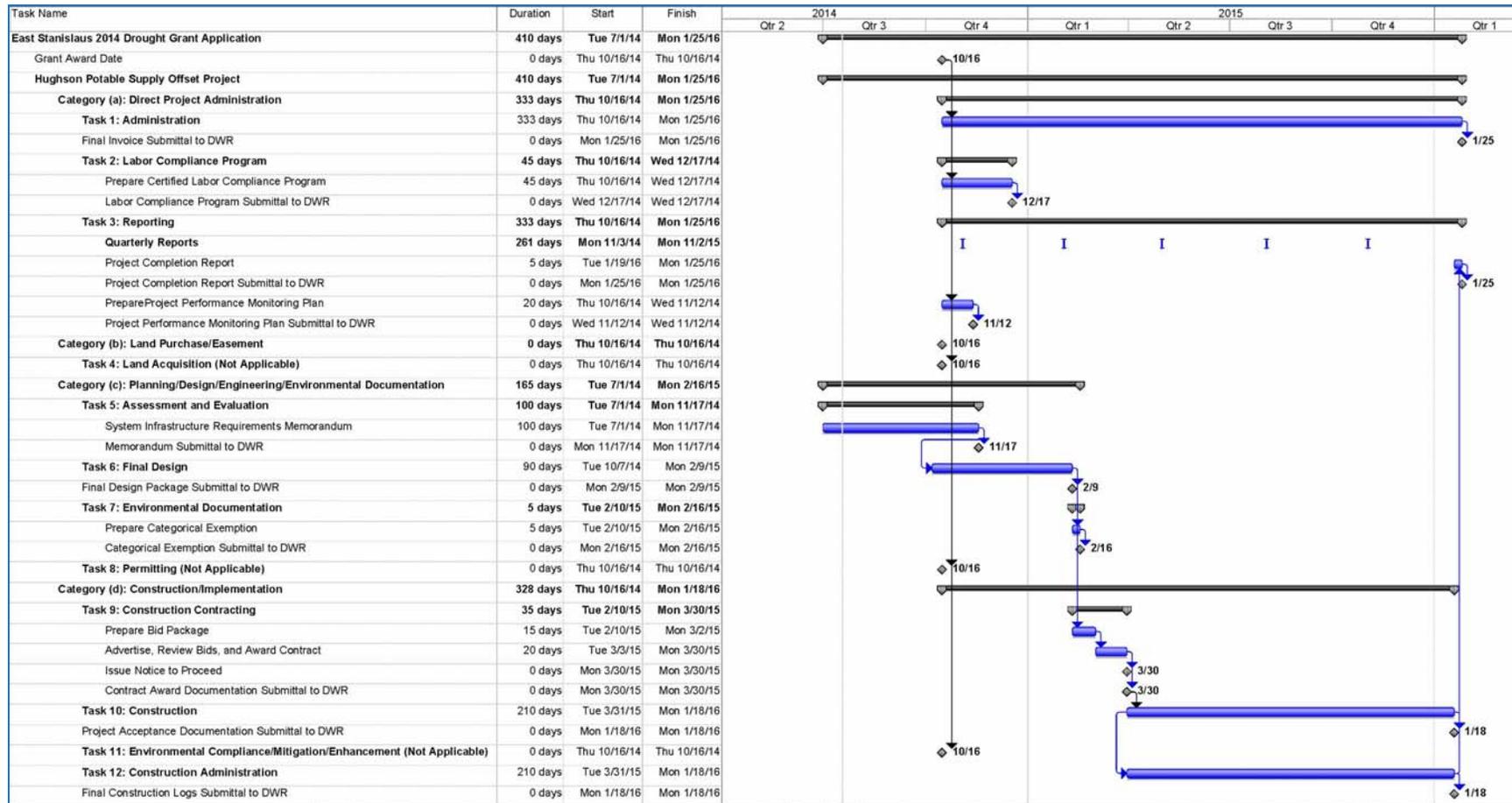


Potable Supply Offset Project (Hughson)

Implementation of the City of Hughson's **Potable Supply Offset Project** will follow the schedule below. The project will begin once the grant is awarded (assumed to be October 16, 2014) and is expected take less than two years to complete.

Schedule Justification

In order to expand non-potable water use within the City of Hughson, 4,729 linear feet (LF) of new non-potable water lines will be installed throughout the City to connect irrigation locations to the existing non-potable water system and two existing non-potable wells. This Project is a continuation of a larger project that began four years ago. Pipeline design is at 90% and is expected to be completed and ready to be put out to bid by December of 2014. The new pipeline will establish the backbone of the non-potable water system for future connections, and will be placed to connect remaining park sites, two schools fields and number of landscape irrigation customers. The design is straightforward, with no permits required and a Class 3 Categorical exemption for environmental documentation. A Notice of Exemption will be filed prior to construction.



North Valley Regional Recycled Water Program (Inter-regional)

Implementation of the **North Valley Regional Recycled Water Program** will follow the schedule below. The inter-regional project, sponsored by the City of Modesto, City of Turlock, and Del Puerto Water District, will begin once the grant is award (assumed to be October 16, 2014) and is expected take less than three years to complete.

Schedule Justification

Construction activities of the NVRWWP are expected to begin in mid-2015. This is a reasonable anticipated start date based on the current project status and the remaining work to be completed prior to implementation.

A significant amount of progress has been made on the NVRWWP over the last few years. The NVRWWP Feasibility Study (FS) was completed in 2013 which identified the preferred alternative of conveying recycled water from the Cities of Modesto and Turlock to DPWD via the Delta-Mendota Canal (DMC). In conjunction with the development of the FS, other studies were completed, such as the Pipeline Corridor Study, the Assessment of Potential Effects on Fisheries Habitat, and the San Joaquin River Flow Analysis. These studies will provide the basis for the Facilities Plan (i.e. pre-design), environmental documentation, and permitting process. A preliminary list of permits required for construction and operation of the NVRWWP has been identified and discussions with the permitting agencies has begun. Preparation of the EIR/EIS began to begin in March 2014 and will be completed in Spring 2015. In parallel to preparation of the EIR/EIS, design will be initiated and permits will be acquired. Upon completion of design and permitting, the City of Modesto, in conjunction with the project partners, will release the advertisement for bid and award a contractor to construct the NVRWWP. Construction activities are anticipated to begin in July 2015 and finish in April 2017. This schedule is realistic, reasonable, and accomplishable. There is significant public and regulatory support for this project resulting in limited institutional and/or regulatory obstacles. The NVRWWP project partners have been in communication with San Luis Delta-Mendota Water Authority (SLDMWA) regarding use of the DMC, the U.S. Bureau of Reclamation, the City Councils of Modesto and Turlock, the State Water Resources Control Board and Regional Water Quality Control Board, DPWD landowners / growers, California Department of Public Health, the Nature Conservancy, and elected representatives at the local, regional, state, and federal levels. Outreach to stakeholders and interested entities will be continued and communication with permitting, regulatory, and partnering agencies will be ongoing. The NVRWWP partners are working on interim water deliveries to help DPWD respond to the 2014 Drought and will work to maintain the schedule to deliver the entire projected volume of recycled water to growers by 2017.

Task Name	Duration	Start	Finish	2014		2015		2016		2017	
				Qtr 1	Qtr 3						
East Stanislaus 2014 Drought Grant Application	736 days	Tue 7/1/14	Tue 4/25/17								
Grant Award Date	0 days	Thu 10/16/14	Thu 10/16/14								
North Valley Regional Recycled Water Program	736 days	Tue 7/1/14	Tue 4/25/17								
Category (a): Direct Project Administration	659 days	Thu 10/16/14	Tue 4/25/17								
Task 1: Administration	659 days	Thu 10/16/14	Tue 4/25/17								
Final Invoice Submittal to DWR	0 days	Tue 4/25/17	Tue 4/25/17								
Task 2: Labor Compliance Program (Completed)	0 days	Thu 10/16/14	Thu 10/16/14								
Labor Compliance Program Submittal to DWR	0 days	Thu 10/16/14	Thu 10/16/14								
Task 3: Reporting	659 days	Thu 10/16/14	Tue 4/25/17								
Quarterly Reports	588 days	Mon 11/3/14	Wed 2/1/17								
Project Completion Report	5 days	Wed 4/19/17	Tue 4/25/17								
Project Completion Report Submittal to DWR	0 days	Tue 4/25/17	Tue 4/25/17								
Prepare Project Performance Monitoring Plan	20 days	Thu 10/16/14	Wed 11/12/14								
Project Performance Monitoring Plan Submittal to DWR	0 days	Wed 11/12/14	Wed 11/12/14								
Category (b): Land Purchase/Easement	476 days	Tue 7/1/14	Tue 4/26/16								
Task 4: Land Acquisition	476 days	Tue 7/1/14	Tue 4/26/16								
Acquisition Documentation for Required Lands and Easements Submittal to DWR	0 days	Tue 4/26/16	Tue 4/26/16								
Category (c): Planning/Design/Engineering/Environmental Documentation	476 days	Tue 7/1/14	Tue 4/26/16								
Task 5: Assessment and Evaluation	202 days	Tue 7/1/14	Wed 4/8/15								
Prepare preliminary assessment and evaluation (Feasibility Study and others)	0 days	Thu 10/16/14	Thu 10/16/14								
Prepare Facilities Plan	202 days	Tue 7/1/14	Wed 4/8/15								
Facilities Plan Submittal to DWR	0 days	Wed 4/8/15	Wed 4/8/15								
Task 6: Final Design	281 days	Tue 7/1/14	Tue 7/28/15								
Final Design Package Submittal to DWR	0 days	Tue 7/28/15	Tue 7/28/15								
Task 7: Environmental Documentation	231 days	Tue 7/1/14	Tue 5/19/15								
Prepare EIR/EIS	231 days	Tue 7/1/14	Tue 5/19/15								
Notice of Determination Submittal to DWR	0 days	Tue 5/19/15	Tue 5/19/15								
Task 8: Permitting	476 days	Tue 7/1/14	Tue 4/26/16								
Identify & Acquire Permits for Construction and Operation of NVRWPP	476 days	Tue 7/1/14	Tue 4/26/16								
Signed Permit Submittal to DWR	0 days	Tue 4/26/16	Tue 4/26/16								
Category (d): Construction/Implementation	450 days	Wed 7/29/15	Tue 4/18/17								
Task 9: Construction Contracting	40 days	Wed 7/29/15	Tue 9/22/15								
Prepare bid package and issue award of construction project	40 days	Wed 7/29/15	Tue 9/22/15								
Contract Award Documentation Submittal to DWR	0 days	Tue 9/22/15	Tue 9/22/15								
Task 10: Construction	410 days	Wed 9/23/15	Tue 4/18/17								
Project Acceptance Documentation Submittal to DWR	0 days	Tue 4/18/17	Tue 4/18/17								
Task 11: Environmental Compliance/Mitigation/Enhancement	410 days	Wed 9/23/15	Tue 4/18/17								
Implement mitigation measures identified in EIR/EIS	410 days	Wed 9/23/15	Tue 4/18/17								
Inspection Records Submittal to DWR	0 days	Tue 4/18/17	Tue 4/18/17								
Task 12: Construction Administration	410 days	Wed 9/23/15	Tue 4/18/17								
Final Construction Logs Submittal to DWR	0 days	Tue 4/18/17	Tue 4/18/17								