

60th Street West Wellhead Arsenic Treatment Project**Schedule**

This attachment presents the Project schedule. The schedule presented is reasonable based on the current available information and assuming a grant award date of October 16, 2014. The 30% design for the Project has begun and the Notice to Proceed will be issued prior to April 1, 2015. The justification for each category of the schedule is provided below:

Direct Project Administration: *Task 1: Project Administration* – The Los Angeles County Waterworks District No. 40, Antelope Valley (District) will be responsible for ensuring the steps necessary to complete this Project are underway and will generate invoices for the duration of the Project. A Memorandum of Understanding (MOU) between the District and the California Department of Corrections and Rehabilitation (CDCR) has been drafted and is waiting for the CDCR to review. Additional administrative activities will continue through submitting the final invoices and reports. *Task 2: Labor Compliance Program* – A Labor Compliance Program is in place through the County of Los Angeles Department of Public Works of which the District is a part. Implementation of the program will occur through the duration of construction (April 1, 2015 – January 28, 2016). *Task 3: Reporting* – Quarterly Progress Reports will be produced by District staff for the Project as required for grant funding beginning the first quarter the grant is awarded through the completion of the Project (December 16, 2014 – January 28, 2016). The Final Report will be submitted when the Project is complete (January 28, 2016).

Land Purchase/Easement: *Task 4: Land Purchase/Easement* – An MOU with the CDCR has been drafted and is currently waiting for State review. The MOU will be executed before construction contracting begins (December 29, 2014).

Planning/Design/Engineering/Environmental Documentation: *Task 5: Assessment and Evaluation* – Arsenic testing at the two wells for the Project was completed May 19 and May 20, 2014. A Concept Drawing, Sizing and Estimate for the treatment system, and additional case studies relating to the treatment system have been completed as well. *Task 6: Final Design* – The production of the 30% design plan began in early July 1, 2014. The completion of the 30%, 60%, 90%, and 100% design plans will be completed prior to the beginning of construction contracting (December 29, 2014). *Task 7: Environmental Documentation* – The Project is Categorically Exempt and the Categorical Exemption will be filed with the County of Los Angeles Board of Supervisors upon award of the grant October 16, 2014; it will take approximately two months to complete (December 16, 2014). *Task 8: Permitting* – Permitting will begin after the completion of the 60% Design on October 6, 2014. The Contractor will obtain the Encroachment Permit from the City of Lancaster after the construction contract is awarded, during site mobilization (starting April 1, 2015) since the City will only issue the permit to the contractor. The District will pay all fees and prepare the necessary paperwork for the permit in advance of hiring the contractor. The Drinking Water Program Permit Amendment will be obtained within two months of completing 100% Design (December 30, 2014 – February 26, 2015).

Construction/Implementation: *Task 9: Construction Contracting* – Bid Package preparation will commence upon completion of final design (December 29, 2014). The bid will be awarded and Notice to Proceed (NTP) issued by April 1, 2015. *Task 10: Construction* – Following NTP, the contractor will mobilize to the Project site and prepare the site for construction. Within these two months the contractor will obtain any remaining permits (City Encroachment Permit). Project construction will commence June 2, 2015, and be complete within six months (December 28, 2015). The contractor will demobilize the site and conduct performance testing for the pumps and arsenic treatment system the first month of 2016. *Task 11: Environmental Compliance/Mitigation/Enhancement* – No mitigation or enhancement is required for this Project. *Task 12: Construction Administration* – The District's Construction Division Staff will manage Project construction throughout the duration of the contracting and construction process (December 29, 2014 – January 28, 2016).