



TWDB Progress Report for Contract 2000012405

Date: 7/15/2020
To: Andrea Croskrey, Geoscientist Innovative Water Technologies (TWDB Project Manager)
Erika Mancha, Manager Innovative Water Technologies
From: Kristi Shaw PE (HDR Project Manager)
Subject: TWDB Contract 2000012405 Progress Report for Invoice #4 (Reporting dates 05/24/20 through 06/27/20)

Work Completed:

Task 1 - Literature Review

No work completed in reporting period.

Problems Encountered this period: None

Task 2 - Hydrogeological Parameter Screening

Received and reviewed TWDB staff comments. Follow-up with team with suggested updates to address TWDB comments.

Problems Encountered this period: None

Task 3 - Excess Water Screening

Preparation for TWDB workshop on May 28, 2020 to discuss excess water screening tool including parameters, weights, and scores for surface water/stormwater, groundwater and reclaimed water.

Received and reviewed TWDB staff comments. Follow-up with team and developed list of suggested updates to address TWDB comments.

Updated geodatabase tool for ranking and weighting of parameters and calculation of excess water scores based on TWDB comments.

QC of updated results of excess groundwater geodatabase prepared by Collier.

Problems Encountered this period: None

Task 4 - Water Supply Needs Screening

Preparation for TWDB workshop on May 26, 2020 to discuss water needs screening tool including parameters, weights, and scores for municipal, steam electric, and manufacturing needs identified in the 2021 draft RWPs.

Received and reviewed TWDB staff comments. Follow-up with team and developed list of suggested updates to address TWDB comments.

Updated geodatabase tool based on revised parameter list for scoring and calculation of excess water scores based on TWDB comments.

Problems Encountered this period: None

Task 5 - Final Suitability Rating

Developed draft approach and methodology for combining screening scores into a final suitability rating. Internal QC.

Prepared and submitted draft geodatabase(s) and memo on June 26th for TWDB consideration to include method, list of parameters for screening, proposed scoring and weighting.

Problems Encountered this period: None

Task 6 - Public Data Display

Public data display team coordination beginning end of May and weekly meetings to discuss StoryMap and Web Application tools.

Coordination with TWDB staff on royalty free images. Development of high resolution flowcharts and images to support draft StoryMap.

Problems Encountered this period: None

Task 7 - Draft and Final Report

Began preparing draft report to summarize results of main tasks, including results and future work discussions.

Problems Encountered this period: None

Task 8 - Project Management

Coordination with subconsultants. Project management.

Communication with TWDB staff to discuss progress, data requests, and other items as necessary. Preparation of detailed monthly progress report.

Participation of team members in TWDB workshops on May 26 (Task 4), and May 28 (Task 3).

Problems Encountered this period: None