

PROGRESS REPORT

To: James Golab, Work Order Project Manager, Texas Water Development Board

From: Van Kelley, Work Order Project Manager, INTERA

Date: May 17, 2021

Re: TWDB Contract Number 2000012442 – Brackish Groundwater Commingling Work Order

Budget and Expenses

This report summarizes project activities and costs for the billing period of April 1 through April 30, 2021. The total billed expenses through April are \$86,391.25. A budget breakdown by task is provided in Table 1 below. A copy of the progress report will be included in our monthly invoice being sent to the TWDB contracts department. The Work Order Notice of Proceed was signed on November 5th, 2020.

TASK	DESCRIPTION	Budget	Invoices			Remaining Budget
			Current	Previous	Total	
1	Project Management	\$ 9,880.00	\$ 1,000.00	\$ 8,748.75	\$ 9,748.75	\$ 131.25
2	Stakeholder Communication	\$ 11,465.00	\$ -	\$ 7,177.50	\$ 7,177.50	\$ 4,287.50
3	Review Statute Terminology Relevant to Commingling of Groundwater	\$ 9,675.00	\$ -	\$ 9,625.00	\$ 9,625.00	\$ 50.00
4	Statewide Survey of Commingling Issues	\$ 29,420.00	\$ 11,117.50	\$ 8,595.00	\$ 19,712.50	\$ 9,707.50
5	Assessment of Commingling in Select Aquifers/Regions	\$ 36,950.00	\$ -	\$ 5,880.00	\$ 35,880.00	\$ 1,070.00
6	Review of Findings	\$ 4,500.00	\$ -	\$ -	\$ -	\$ 4,500.00
7	Recommendations and Need for Further Study	\$ 10,700.00	\$ -	\$ -	\$ -	\$ 10,700.00
8	Reporting	\$ 25,110.00	\$ 2,000.00	\$ 2,247.50	\$ 4,247.50	\$ 20,862.50
Total		\$ 137,700.00	\$ 14,117.50	\$72,273.75	\$ 86,391.25	\$ 51,308.75

Table 1. Project Budget Versus Expenses

Work Completed

This report summarizes activities on project tasks for April of 2021 and is the fifth contract progress report. Tasks 1, 4 and Task 8 were active in the reporting period and had time billed to them. Progress on those tasks will be summarized below.

Task 1 Project Management

INTERA Project Management in March was routine and focused on making sure adequate resources were available for project tasks and oversight and review of ongoing work. Significant technical progress was made in April on the Statewide Assessment (Task 4) and on the Select Region Commingling Assessment (Task). Task 5 activities were focused on getting permission to use well profiling data or documentation. April was a transition month from analysis to getting the various tasks drafted. INTERA held progress review meetings April 13th and on April 30th. The next Project Manager meeting update is scheduled for May 19th.

Task 3 Review Statute Terminology Relevant to Commingling of Groundwater

There was no work performed on Task 3 this reporting period. INTERA submitted a version of this report section to the TWDB on March 24th which had incorporated TWDB's first review. This section was provided to the TDLR for review shortly thereafter. Activities are complete on this task until final draft submittal in June.

Task 4 Statewide Survey of Commingling Issues

In March, the focus on Task 4 was on finalizing an approach and documenting the approach. In the Project Manager Progress Status Meeting held on April 30th, INTERA reviewed the statewide approach and the draft results in a prepared presentation reviewed during the meeting. INTERA shared the presentation of the approach and results with TWDB soliciting comment. It was agreed that INTERA would provide a draft of the statewide section to the TWDB by mid-May.

Task 5 Assessment of Commingling in Select Aquifers/Regions

The technical assessment associated with Task 5 was largely completed in March. Activities since that time moved to documentation and case study development. Documentation performed in association with Task 5 has been accrued under Task 8 – Reporting. In the April 30th Project Management Status Progress Meeting it was agreed that INTERA would provide the Task 5 draft section on the Gulf Coast Aquifer on May 24th to the TWDB for initial comments.

Task 8 Reporting

Activities on Task 8 were twofold. The full report table of contents which was shared with TWDB on the 30th of March was discussed in the April Project Management Status Progress Meetings and based upon discussions refinements to it have been made. Secondly, Task 5 documentation costs were accrued to Task 5.

Problems Encountered to Date

To date no problems or issues have been encountered affecting execution of the scope of work.