

## PROGRESS REPORT

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

From: Van Kelley, Work Order Project Manager, INTERA

Date: June 21, 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 May 1 through May 31, 2021. The total billed expenses through April are \$107,943.25. 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 5<sup>th</sup>, 2020.

| TASK         | DESCRIPTION   | Budget               | Invoices            |                    |                     | Remaining Budget    |
|--------------|---|----------------------|---------------------|--------------------|---------------------|---------------------|
|              |   |                      | Current             | Previous           | Total               |                     |
| 1            | Project Management  | \$ 9,880.00          | \$ 125.00           | \$ 9,748.75        | \$ 9,873.75         | \$ 6.25             |
| 2            | Stakeholder Communication   | \$ 11,465.00         | \$ 0.00             | \$ 7,177.50        | \$ 7,177.50         | \$ 4,287.50         |
| 3            | Review Statute Terminology Relevant to Commingling of Groundwater | \$ 9,675.00          | \$ 0.00             | \$ 9,625.00        | \$ 9,625.00         | \$ 50.00            |
| 4            | Statewide Survey of Commingling Issues                            | \$ 29,420.00         | \$ 5,659.50         | \$19,712.50        | \$ 25,372.00        | \$ 4,048.00         |
| 5            | Assessment of Commingling in Select Aquifers/Regions              | \$ 36,950.00         | \$ 1,000            | \$35,880.00        | \$ 36,880.00        | \$ 70.00            |
| 6            | Review of Findings  | \$ 4,500.00          | \$ 4,500            | \$ 0.00            | \$ 4,500            | \$ 0.00             |
| 7            | Recommendations and Need for Further Study                        | \$ 10,700.00         | \$ 0.00             | \$ 0.00            | \$ 0.00             | \$ 10,700.00        |
| 8            | Reporting   | \$ 25,110.00         | \$ 10,267.50        | \$ 4,247.50        | \$ 14,515.00        | \$ 10,595.00        |
| <b>Total</b> |   | <b>\$ 137,700.00</b> | <b>\$ 21,552.00</b> | <b>\$86,391.25</b> | <b>\$107,943.25</b> | <b>\$ 29,756.75</b> |

**Table 1. Project Budget Versus Expenses**

## **Work Completed**

This report summarizes activities on project tasks for May 1 of 2021 and is the sixth contract progress report. Tasks 1, 4, 5, 6 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. Technical activities in May were singularly focused on documentation. Drafts of report sections were submitted to TWDB for initial review on May 17<sup>th</sup> and May 25<sup>th</sup> and are discussed below. INTERA held progress review meeting on May 19<sup>th</sup>. The next Project Manager meeting update is scheduled for approximately June 22<sup>nd</sup>.

### Task 4 Statewide Survey of Commingling Issues

On May 17<sup>th</sup>, a draft of the Statewide Survey Section was submitted to TWDB for their first review. Activities in May were focused on developing the first draft and documenting the basis for selection criteria of ranking metrics. INTERA was also submitted Appendix B on the 17<sup>th</sup> which documents metrics and relevant references used in metric evaluation. Comments were returned on May 24<sup>th</sup>. The revised section will be submitted with the entire report on June 30<sup>th</sup>.

### Task 5 Assessment of Commingling in Select Aquifers/Regions

INTERA provided the first draft of the Task 5 draft section on the Gulf Coast Aquifer on May 25<sup>th</sup> to the TWDB for initial comments. The work performed on Task 5 included documentation of the regional assessments and documentation of the case studies. Documentation performed in association with Task 5 in June will be accrued under Task 8 – Reporting.

### Task 6 Review of Findings

A draft of the study review of findings was started in May. This section will be completely drafted in June under Tasks 7 and 8. The last technical section of the body of the report will be comprised of three subsections, summary of findings, limitations and conclusions and recommendations.

### Task 8 Reporting

Activities on Task 8 were twofold. In late May, the TWDB met with the TDLR to discuss their comments on Draft Section 2.0 of the report concerning terminology. INTERA submitted a version of Section 2 to the TWDB on March 24<sup>th</sup> which had incorporated TWDB's first review. This section was provided to the TDLR for review shortly thereafter. TWDB met with the TDLR in late May and documented TDLR's comments and passed them back to INTERA on May 28<sup>th</sup>. Section 2 comments were reviewed, and they will be implemented in June.

The remainder of reporting in May focused on the Regional Assessment documentation and further refinement to the overall structure of the report. A draft of the entire report will be submitted to the TWDB for review on June 30<sup>th</sup>.

## **Problems Encountered to Date**

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