

PROGRESS REPORT

To: Olga Bauer, Work Order Project Manager, Texas Water Development Board

From: Daniel Lupton, Work Order Project Manager, INTERA

Date: May 26, 2021

Re: **TWDB Contract Number 2000012442 – Seismic Work Order**

Budget and Expenses

This report summarizes project activities and costs for the billing period of April 2021. The total billed expenses through April 30th are \$108,354.98. 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	Literature Review	\$ 10,000	\$ 120	\$ 9,825	\$ 9,945	\$ 55
2	Seismic Data Vendor Review	\$ 10,000	\$ 180	\$ 9,795	\$ 9,975	\$ 25
3	Data Quality and Limitations	\$ 20,000	\$ 300	\$ 19,680	\$ 19,980	\$ 20
4	Methodology for Application of Seismic data on Brackish Aquifers	\$ 40,000	\$ 18,100	\$ 17,610	\$ 35,710	\$ 4,290
5	Apply Methodology to an Aquifer Study	\$ 70,000	\$ 10,558	\$ 22,187	\$ 32,745	\$ 37,255
Total		\$ 150,000	\$ 29,258	\$ 63,407	\$ 108,355	\$ 41,645

Table 1. Project Budget Versus Expenses

Work Completed

This report summarizes activities on project tasks for April of 2021 and is the fourth contract progress report. Tasks 3 through 5 were active in the reporting period and had time billed to them. Tasks 1 and 2 are considered complete. Progress on those tasks will be summarized below.

Task 3 Data Quality and Limitations

Activity on this Task was related to final adjustments, meetings, and edits. This task is considered complete.

Task 4 Methodology for Application of Seismic data on Brackish Aquifers

Activity on this Task was related to workflow construction and aquifer parameterization. Work also included the writing, editing, and figure making associated with the Task 4 manuscript, which

was submitted at the end of April. We are approximately 80% complete with this task as of the end of April.

Task 5 Application to an Aquifer Study

Activity on this Task was related to delineating stratigraphy in well logs and seismic data, supervising and guiding the processors, performing conventional and some limited unconventional seismic interpretation, and some writing. We are approximately 50% completed with Task 5.

Problems Encountered to Date

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