



Memorandum

To: Daniel Collazo, Contract Manager
Texas Water Development Board

From: Andrew Donnelly

Copy: Neil Blandford

Date: February 11, 2021

Subject: Monthly report for Exploratory Brackish Well Guidance Manual, Contract No. 2000012441

The following tasks were completed for the months of December, 2020 and January, 2021.

- A project kickoff meeting was conducted with TWDB staff on December 16, 2020. We outlined the project, updated schedule, and general expectations for the project.
- We held an internal project meeting to discuss the document and created a detailed proposed outline. We forwarded the proposed outline to the TWDB contract manager for review and feedback.

We have begun to gather relevant information under each task, and a technical editor has assisted in creating the document structure. The following work has been conducted on each task.

Task 1- Types of Exploratory Wells

Much of the basic information collection and text for Task 1 has been completed. The well drilling methods section has been started.

Task 2- Types of Geophysical Tools

Geophysical logging sections are in process. We have prepared a spreadsheet of pricing for a typical hypothetical logging event, and we have sent the spreadsheet to several logging companies for pricing so that price ranges can be included in the document, similar to the drilling section.

Task 3- Other Data

This task has been initiated.



Task 4- Costs of Exploratory Wells

A cost spreadsheet has been developed and is being refined. We have identified and contacted several drillers to obtain estimated costs.

Task 5- Groundwater Logging Resources

This task has been initiated, and resources will be added as Task 2 is worked on.

Task 6- Reporting and Stakeholder Meeting

A detailed, annotated outline of the overall document was produced. This outline will be modified based on TWDB input.

Issues

We would like to get feedback from the TWDB on some proposed modifications on the types of exploratory wells and how they will be presented in the final document.

Percent Complete

The estimated task completion percentage is shown in the table below.

Task No.	Description	Percent Complete
1	Types of Exploratory Wells	40%
2	Types of Geophysical Tools	25%
3	Other Data	10%
4	Costs for Exploratory Wells	20%
5	Brackish Groundwater Logging Resources	25%
6	Reporting and Stakeholder Meeting	10%

Budget

The estimated budget expended is shown in the table below.



Task No.	Description	Task Budget	Budget Spent
1	Types of Exploratory Wells	\$ 15,000.00	\$ 6,000.00
2	Types of Geophysical Tools	\$ 12,500.00	\$ 3,125.00
3	Other Data	\$ 20,000.00	\$ 2,000.00
4	Costs for Exploratory Wells	\$ 10,000.00	\$ 2,000.00
5	Brackish Groundwater Logging Resources	\$ 12,500.00	\$ 3,125.00
6	Reporting and Stakeholder Meeting	\$ 65,000.00	\$ 6,500.00