



## **Memorandum**

**To:** Daniel Collazo, Contract Manager  
Texas Water Development Board

**From:** Andrew Donnelly

**Copy:** Neil Blandford

**Date:** April 12, 2021

**Subject:** Monthly report for Brackish Well Guidance Manual task order

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The following tasks were done in March, 2021.

We continued to gather relevant information on all of the tasks and prepare sections of the document.

The following is the status of each of the tasks.

### **Task 1- Types of Exploratory Wells**

Most of the basic information and text for Task 1 has been assembled, including both types of exploratory wells and the well drilling methods section. Appropriate case studies have been developed and submitted to the TWDB for review for most of the well types. A draft of “Types of Wells” and “Drilling Methods” have been completed and are being finalized for submittal to the TWDB for review.

### **Task 2- Types of Geophysical Tools**

The geophysical logging section continues to be worked on. Example logs have been identified and incorporated into the text. Drafts for all introductory sections to this task have been completed. Individual tool sections are being written.

### **Task 3- Other Data**

The section on other data continues to be developed.

### **Task 4- Costs of Exploratory Wells**

Cost estimate requests were sent to seven drilling contractors in March.

### **Task 5- Groundwater Logging Resources**

This task is being worked on in conjunction with Task 2. A first draft of this section has been completed and is being expanded as more resources are identified.



## Task 6- Reporting and Stakeholder Meeting

Two sections were submitted to the TWDB for review. All other sections are being assembled.

### Issues

Although we have sent out requests for costs to seven drilling contractors, we are having a great deal of difficulty getting responses. Several have informed us that they will not be providing costs because this request is not for an actual project.

### Percent Complete

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

Task No.	Description	Percent Complete
1	Types of Exploratory Wells	90%
2	Types of Geophysical Tools	55%
3	Other Data	50%
4	Costs for Exploratory Wells	70%
5	Brackish Groundwater Logging Resources	60%
6	Reporting and Stakeholder Meeting	50%

### Budget

The estimated budget expended is shown in the table below.

Task No.	Description	Task Budget	March Total	Budget Remaining
1	Types of Exploratory Wells	\$ 15,000	\$ 1,500	\$ 1,500
2	Types of Geophysical Tools	\$ 12,500	\$ 3,625	\$ 5,625
3	Other Data	\$ 20,000	\$ 7,000	\$ 10,000
4	Costs for Exploratory Wells	\$ 10,000	\$ 1,000	\$ 3,000
5	Brackish Groundwater Logging Resources	\$ 12,500	\$ 4,250	\$ 5,000
6	Reporting and Stakeholder Meeting	\$ 65,000	\$ 19,500	\$ 32,500