

Item 6 – Proposed Build-Out of Mitigation Application

As part of the most recent update to the District database by Halff Associates, a layer was created to handle mitigation of water wells that will be affected by the anticipated UWBVF production project. The skeleton of the application was built and currently resides in the database but was purposely delivered as a “bare bones” layer. At the time it was built, we did not know exactly what the “lay-of-the-land” looked like and what our data needs might be.

As we approach real time mitigation of wells, we now have a true feel for what the mitigation layer should look like, what the results of data entry should be, and how the application should function as proposals are placed on the database for prospective contractors to view and submit proposals.

I have provided the preliminary task order which I asked Conrad Harrison, Halff Associates, to construct and provide to the Board. It is attached and is part of the background material associated with this agenda item.

The General Manager presents this as a line item to be considered and placed into the FY 2026 District Operating Budget. I have been assured that mitigation of the domestic/livestock wells which will be the primary focus of the mitigation application layer will not begin before the end of 2025. It would be my preference to begin construction of the layer in December 2025 allowing for a 2-month build out. This should allow for the layer to be operable prior to any well mitigation (other than possibly the City of Calvert Well #7) begins. This would push payments for services provided by Halff into FY 2026.

It is the recommendation of the General Manager to include the build out of the well mitigation application layer currently housed in the District database in the FY 2026 District Operating Budget using the estimated cost of the effort recently provided to the District by Halff Associates (\$15,200).

From: [Conrad Harrison](#)
To: [Alan Day](#)
Cc: [Hartono Halim](#)
Subject: Mitigation Proposal Portal - Scope/Estimate
Date: Wednesday, September 3, 2025 4:11:55 PM

Good afternoon Alan,

Here is the breakdown of the Scope and Estimate for the Mitigation Proposal Portal:

Item 1 - Mitigation Updates:

- Allow BVGCD Staff to Create New Mitigation Records
- Add Mitigation Types to the Mitigation Records
- Add Minimum Specification Requirements based on Mitigation Type, for Mitigations. Brazos Valley will provide the Minimum Specifications per Mitigation Type.

Item 1 Effort estimate: \$5,400

Item 2 - Mitigation Proposals:

- Allow Mitigation Drillers to view Mitigations that are in the Proposal Stage or have been awarded to them, specifically
- Allow Mitigation Drillers to submit a Proposal on Mitigations in the Proposal Stage.
 1. This will be based on required fields/information from the Mitigation Type specifications
 1. Allow attachments and other information to be provided by the Mitigation Driller on a Proposal
- Allow BVGCD staff to see all Proposals on a Mitigation
- Create a Mitigation Proposal Dashboard for the BVGCD staff that is filterable/sortable with links to the Mitigation and Mitigation Proposal records
- Allow BVGCD to award Mitigations based on a provided Mitigation Proposal.
 1. The Appropriate Mitigation Driller will be assigned to the Mitigation
 1. The Status of the Mitigation record will change to awarded
 1. The Mitigation Proposal accepted for the Mitigation will be flagged as “selected”

Item 2 Effort estimate: \$7,000

Item 3 - Mitigation display on maps

- Create a Mitigations layer that displays Mitigations based on Mitigation Status and Mitigation Type. Locations will be based on the Well record the Mitigation is associated with.
- Create a link back to the Mitigation Record in the info popup.
- Add the Mitigations layer to the Secure Map.
- Create a copy of the Public Map, called the Mitigations Map, and make it accessible to the Mitigation Drillers. Remove the Public Map link for Mitigation Drillers when logged in.
 1. Make the Mitigations the default layer turned on in the Mitigations map.

Item 3 Effort estimate: \$2,800.

TOTAL EFFORT ESTIMATE: \$15,200

Please let me know if you have any questions or concerns for the Mitigation Scope/Estimate. I am happy to discuss! I know this is for budget purposes and the project won't kick off till early next year, but I can create a Task Order whenever you would like.

Also, I'm reviewing the Scope/Estimate for BVWaterSmart and will send it to you tomorrow morning after a final check.

Thanks!
Conrad



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