



Corpus Christi Aquifer Storage  
& Recovery Conservation District

1201 Leopard St.  
Corpus Christi, TX 78401

## QUARTERLY PROJECT PERFORMANCE REPORT

**Date:** July 28, 2017

**Reporting Period:** Q2 FY17, April 1 – June 30, 2017

**Recipient:** Corpus Christi Aquifer Storage and Recovery Conservation District  
LAF Larijai Francis, CCASRCD Project Manager  
1201 Leopard Street  
Corpus Christi, Texas 78401-2825

**Executive Administrator**

**Designee:** Matthew Webb, TWDB Project Manager

**Subject:** Research Contract between the Corpus Christi Aquifer Storage and Recovery Conservation District and the Texas Development Board, Contract No. 1600011956

**Project:** Corpus Christi ASR Feasibility Study

### **Work Completed:**

Pursuant to Section II, Article II, subsection 3 of the Contract this progress report represents a summary of work completed during the 2<sup>nd</sup> Quarter 2017 for the Corpus Christi ASR Feasibility Study. Exhibit B of the TWDB contract include the Scope of Work. Exhibit B contain six (6) distinct tasks with subtasks. An update to these tasks is provided overleaf and thus serves as the update mechanism for this contract. The Exploratory Test Drilling Program Contract was approved by City Council on July 18, 2017 to Felder Water Well & Pump Service LLC. After the award by City Council and the contractor provides all the insurance and bonding requirements, a Pre-Construction Conference is scheduled (usually 30 days +/-). At the pre-construction conference, the contractor provides a project schedule and an update to the project schedule will be issued.

### **Project Financial Update**

The Corpus Christi Aquifer Storage and Recovery Conservation District have incurred expenditures for the Project in the amount of \$127,203.36. The responsibility for this expenditure has been distributed between the District and TWDB and is reflected on the payment request form for this quarter.



HDR Engineering, Inc.  
Austin, TX 78741  
Phone: (512) 912-5100

## Invoice

Please send remittance with copy of invoice to  
P.O. Box 3488  
Omaha, NE 68103-0488

HDR Invoice No.	1200047004
Invoice Date	4/17/2017
Month Ending	4/1/2017

### Corpus Christi ASR Feasibility Study - Invoice #5

**Task 1 - Formulate Program**

No Work This period.

Problems Encountered this period: None

**Task 2 - Exploratory Test Drilling Program**

Continued coordination of confirmed well locations with City and Corpus Christi International Airport staff.

Contacted potential drillers, received estimates, and performed cursory analysis to estimate driller costs for 100% bidding document.

Participated in conference call and email correspondence on 3/9 and 3/13 to collect and clarify City comments on 100% submittal.

Completed preparation of 100% bidding documents and delivered to City Staff on 3/14.

Received 100% comments from City Staff on 3/21 and 3/22 and addressed and issued Final bidding documents on 3/24.

Printed and delivered two hard-copies of final bidding documents to City Staff on 3/27. Includes printing costs.

Problems Encountered this period: None

**Task 3 - Geochemical Analysis**

No Work This period.

Problems Encountered this period: None

**Task 4 - Field Scale Groundwater Model**

No Work This period.

Problems Encountered this period: None

**Task 5 - ASR Operating Policies**

No Work This period.

Problems Encountered this period: None

**Task 6 - TWDB Coordination, Draft/Final Deliverables and Meetings**

No Work This period.

Problems Encountered this period: None

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APPROVED  
4/27/17



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Austin, TX 78741  
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## Invoice

Please send remittance with copy of invoice to  
P.O. Box 3480  
Omaha, NE 68103-0480

HDR Invoice No. 1200052342  
Invoice Date 5/15/2017  
Month Ending 4/29/2017

### Corpus Christi ASR Feasibility Study - Invoice #6

**Task 1 - Formulate Program**

No Work This period.

Problems Encountered this period: None

**Task 2 - Exploratory Test Drilling Program**

Coordination with City Staff on bidding documents and schedule.

Coordination with Airport Staff on entry/access on Corpus Christi International Airport.

Preparation and attendance of pre-bid meeting on April 11, 2017 including field site visit and marking of well locations for drillers.

Received and developed responses to driller questions/inquiries.

Problems Encountered this period: None

**Task 3 - Geochemical Analysis**

No Work This period.

Problems Encountered this period: None

**Task 4 - Field Scale Groundwater Model**

No Work This period.

Problems Encountered this period: None

**Task 5 - ASR Operating Policies**

No Work This period.

Problems Encountered this period: None

**Task 6 - TWDB Coordination, Draft/Final Deliverables and Meetings**

No Work This period.

Problems Encountered this period: None

4/15/2017  
APPROVED



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Austin, TX 78741  
Phone (512) 912-5100

## Invoice

Please send remittance with copy of invoice to  
P.O. Box 3480  
Omaha, NE 68103-0480

HDR Invoice No.	1200060187
Invoice Date	6/28/2017
Month Ending	5/27/2017

### Corpus Christi ASR Feasibility Study - Invoice #7

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**Task 1 - Formulate Program**

No Work This period.

Problems Encountered this period: None

**Task 2 - Exploratory Test Drilling Program**

- ✓ Summarized bids received in City bid tab form and participated in conference call with District representatives on May 10.
- ✓ Contacted three lowest bidders and received statement of experience by May 15. Reviewed statement of experience, prepared follow-up questions for clarification, and contacted bidders to request additional information.
- ✓ Reviewed additional information provided by bidders and contacting references provided on statement of experience.
- ✓ Discussed qualifications of bidders with HDR team, participated in conference call with City Staff, and prepared A/E recommendation for driller selection and tech memo.
- ✓ Problems Encountered this period: None

AP: APPROVED  
6/21/17

**Task 3 - Geochemical Analysis**

No Work This period.

Problems Encountered this period: None

**Task 4 - Field Scale Groundwater Model**

No Work This period.

Problems Encountered this period: None

**Task 5 - ASR Operating Policies**

No Work This period.

Problems Encountered this period: None

**Task 6 - TWDB Coordination, Draft/Final Deliverables and Meetings**

No Work This period.

Problems Encountered this period: None