



Board Meeting
&
Workshop

Clearwater Underground Water Conservation District
700 Kennedy Court
Belton, Texas

Wednesday
April 14, 2021
1:30 p.m.

**Clearwater Underground Water Conservation District
Board Members**

Leland Gersbach, Director Pct. 1

President

7872 Hackberry
Holland, TX 76534
Phone: 254-657-2679
E-mail: lgersbach@cuwcd.org

Work: Brockway, Gersbach, Franklin
& Niemeier P.C.
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Gary Young, Director Pct. 2

Secretary

1314 Creek View
Salado, TX 76571
Cell Phone: 972-571-3118
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Jody Williams, Director Pct. 3

15098 FM 437 South
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Florence, TX 76527
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E-mail: sbrooks@cuwcd.org

David Cole, Director At-Large

Vice President

2401 Brown Circle
Killeen, TX 76543-2930
Cell Phone: 254-289-1219
E-mail: dcole@cuwcd.org

Revised Dec. 26, 2018

Agenda

**NOTICE OF THE MEETING OF THE
CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT
TO BE HELD IN PERSON and BY TELECONFERENCE AND
VIDEOCONFERENCE
April 14, 2021**

In accordance with Governor Abbott's declaration of the COVID-19 public health threat, action to temporarily suspend certain provisions of the Texas Open Meetings Act, and Executive Order, a quorum of CUWCD's Board of Directors will hold its regular Board meeting in person and by telephonic conference call and, for redundancy, videoconference. The public may access this meeting and make public comment in person and by phone, pc, tablet and/or notebook using the contact information and instructions on pages 2 of this notice.

Notice is hereby given that the above-named Board will hold a Workshop and Board meeting on Wednesday, April 14, 2021 beginning at 1:30 p.m., in the Clearwater UWCD Board Room located at 700 Kennedy Court, Belton, Texas. The following items of business will be discussed¹.

Workshop:

1. Receive information related to Groundwater Management Area 8, per the Joint Planning and Development of the Round 3 Desired Future Conditions.
2. Receive Legislative Update on 87th Legislative Session from Ty Embrey, Lloyd Gosselink Rochelle & Townsend.
3. Receive update on the status of the BCAMC and efforts with USFWS SSA related to the Edwards BFZ Aquifer.
4. Receive information from District's Legal Council related to permitting criteria per Chapter 36 and District Rules.

Board Meeting:

1. Invocation and Pledge of Allegiance.
2. Public comment².
3. Approve minutes of the March 10, 2021 Board meeting.
4. Discuss, consider and take appropriate action if necessary, to accept the monthly financial report for March 2021 (FY21) as presented.
5. Discuss, consider and take appropriate action if necessary, to accept the monthly investment fund account report for March 2021 (FY21).
6. Discuss, consider and take appropriate action if necessary, to accept the quarterly deferred compensation employee retirement program account report as presented.
7. Discuss, consider, and take appropriate action if necessary, to accept the 2020 CUWCD Annual Report as presented.
8. Discuss, consider, and take appropriate action if necessary, to accept the FY20 financial audit as presented by the District's contracted auditing firm.
9. Discuss, consider, and take appropriate action if necessary, to approve professional services including but not limited to District Joint Planning in Groundwater Management Area 8 technical evaluation, GAM runs and CUWCD Modified GAM updates.
10. Discuss, consider and take appropriate action if necessary, to approve funding the 2021 USFWS-TXF&W Conservation Office Annual (Pete Diaz) Salado Springs & Salamander Monitoring Program under the Reimbursable Task Order.
11. Discuss, consider and take appropriate action if necessary, to approve the FY21 line-item budget amendments as requested.
12. Discuss, consider and take appropriate action if necessary, to approve an exception to setback requirements for the purpose of a replacement well per District Rule 9.5.5(a)(e) for Bruce Whitis, 7899 FM 2843, Salado TX.
13. General Manager's report concerning office management and staffing related to District Management Plan³.
14. Receive monthly staff report and possible consideration and Board action on the following⁴:
 - a) Drought Status reports
 - b) Education Outreach update
 - c) Monitoring Well reports
 - d) Rainfall report
 - e) Well Registration update
 - f) Aquifer Status and Non-exempt Monthly Well Production reports
15. Director comments and reports⁵.
16. Discuss agenda items for next meeting.
17. Set time and place for next meeting.
18. Adjourn.

Dated the 9th day of April, 2021

Leland Gersbach, Board President

By: Dirk Aaron
Dirk Aaron, Asst. Secretary

FILED FOR RECORD
APR 14 2021
10:10 AM
CLERK OF COURTS
BELTON, TEXAS

Agenda items may be considered, deliberated and/or acted upon in a different order than set forth above.

The Clearwater Underground Water Conservation District is committed to compliance with the Americans with Disabilities Act (ADA). Reasonable accommodations and equal opportunity for effective communications will be provided upon request. Please contact the District office at 254-933-0120 at least 24 hours in advance if accommodation is needed.

¹During the meeting, the Board reserves the right to go into executive session for any of the purposes authorized under Chapter 551 of the Texas Government Code, for any item on the above agenda or as otherwise authorized by law.

²Citizens who desire to address the Board on any matter may sign up to do so prior to this meeting. Public comments will be received during this portion of the meeting. Please limit comments to 3 minutes. No discussion or final action will be taken by the Board.

³No formal action will be taken by the Board on these agenda items. These items are on the agenda to provide the District's staff, Public Task Force Committees, and Directors with an opportunity to bring to the public's and each other's attention important activities and issues pertinent to the management of groundwater within the District, including, but not limited to, current events in the District involving groundwater, wells, or District permittees, state or regional developments related to water management, and activities of the staff, Public Advisory Committee, and Directors. Substantive deliberation and formal action on any of these issues will be conducted pursuant to a specific item on a future agenda.

GUIDELINES FOR PUBLIC PARTICIPATION IN CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT BOARD MEETING, WORKSHOP AND PUBLIC HEARINGS

Clearwater UWCD, in order to maintain governmental transparency and continued government operation while reducing face-to-face contact for government open meetings, is implementing measures according to guidelines set forth by the Office of the Texas Governor, Greg Abbott. In accordance with section 418.016 of the Texas Government Code, Governor Abbott has suspended various open-meetings provisions that require government officials and members of the public to be physically present at a specified meeting location. CUWCD's adherence to the Governor's guidance temporary suspension procedure ensures public accessibility and opportunity to participate in CUWCD's open meeting, workshop and hearings.

Members of the public wishing to make public comment during the meeting must register by emailing schapman@cuwcd.org prior to 11:30 a.m. on April 14, 2021. This meeting will be recorded, and the audio recording will be available by contacting the CUWCD's staff after the meeting. A copy of the agenda packet will be available on the CUWCD's website at the time of the meeting.

Public Comment forms can be assessed at:
<http://www.cuwcd.org/wp-content/uploads/2020/03/Public-Comment-eForm-19MAR20.pdf>

You may join CUWCD's Board Workshop, Permit Hearing and Regular Board Agenda as follows:

- ✓ Wed, Apr 14, 2021 1:30 PM - 5:30 PM (CDT)
- ✓ Join the meeting from your computer, tablet or smartphone. <https://global.gotomeeting.com/join/907645989>
- ✓ You can also dial in using your phone. (For supported devices, tap a one-touch number below to join instantly.)
- ✓ United States (Toll Free): 1 866 899 4679 - One-touch: <tel:+18668994679,907645989> Access Code: 907-645-989
- ✓ New to GoToMeeting? Get the app now and be ready when your first meeting starts: <https://global.gotomeeting.com/install/907645989>

FILED FOR RECORD
2021 APR -9 A 10:04
TALLEY, COSTON
CLERK, PUBLIC CO., TX

**NOTICE of CANCELLATION
OF PERMIT HEARING OF THE
CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT**

In accordance with Governor Abbott's declaration of the COVID-19 public health threat, action to temporarily suspend certain provisions of the Texas Open Meetings Act, and Executive Order, a quorum of CUWCD's Board of Directors will **NOT** hold this scheduled Public Hearing as previously noticed. Notice is hereby given that the Board of Directors for the Clearwater Underground Water Conservation District having set the public hearing for April 14, 2021 at 1:30 p.m., **HAS CANCELLED THE SAID HEARING UNTIL FURTHER NOTICE**. Applications for Permits as described below will not be heard as previously noticed, in compliance with the Texas Open Meetings Act. The public may access future meeting and make public comment by going to the District Website <http://www.cuwcd.org/> for the contact information and instructions of which will be available per a future notice.

The hearing will NOT be conducted on the following applications:

Applicant's File Number/Name	Permit Applicant/Holder and Landowner	Location of Well/Wells	Proposed Annual Groundwater Withdrawal Amount & Purpose of Use
<p>Continue Operating Permit Hearing related to:</p> <p>N2-20-007G Existing Well</p>	<p>Victory Rock TX LLC c/o Jon Taliaferro Project Manager Sage ATC Environmental 715 Discovery Blvd, Suite 301 Cedar Park, TX 78613</p> <p>361-215-9994</p>	<p>Existing well will be reworked and equipped with a maximum 2-inch column pipe for a submersible pump rated at 18.6 gallons per minute on the 283-acre tract located at 7170 Solana Ranch Rd West, Jarrell Texas 76537-5008.</p> <p>Latitude 30.876156" Longitude -97.609424"</p>	<p>Request for an Operating Permit on an existing well.</p> <p>N2-20-007G for withdrawal of 30 acre-ft/year or 9,775,000 gallons per year, from the Hensell layer (Middle) of the Trinity Aquifer with a 2-inch column pipe at 18.6 gallons per minute to produce groundwater for the purpose of mining and crushing aggregates.</p>
<p>Combination Drilling & Operating Permit</p> <p>N2-21-001P</p>	<p>Victory Rock TX LLC c/o Jon Taliaferro Project Manager Sage ATC Environmental 715 Discovery Blvd, Suite 301 Cedar Park, TX 78613</p> <p>361-215-9994</p>	<p>New well will be drilled and equipped with a maximum 2-inch column pipe for a submersible pump rated at 20 gallons per minute on the 283-acre tract located at 7170 Solana Ranch Rd West, Jarrell Texas 76537-5008.</p> <p>Latitude 30.878055" Longitude -97.609444"</p>	<p>Request for a Combination Drilling/Operating Permit from a new well.</p> <p>N2-21-001P for withdrawal of 30 acre-ft/year or 9,775,000 gallons per year, from the Hosston layer (Lower) of the Trinity Aquifer with a 2-inch column pipe at 20 gallons per minute to produce groundwater for the purpose of mining and crushing aggregates.</p>
<p>Combination Drilling & Operating Permit</p> <p>N1-21-001P</p>	<p>Kelly Carter P.O. Box 339 Holland TX 76534</p> <p>512-560-2573</p>	<p>Permit will authorize the withdrawal from a new well completed in the Alluvial Aquifer with a 1 1/4-inch column pipe on a 4.01-acre tract located at 15526 Hawk Lane, Holland, Texas.</p> <p>Latitude 30.869424" Longitude -97.359764"</p>	<p>Request for a Drilling Permit to construct and complete a well for domestic use.</p> <p>N1-21-001P to be drilled and completed for withdrawal 0.87 ac-ft per year or 283,970 gallons per year from the Alluvial Aquifer with a 1 1/4 inch column pipe at 5 gallons per minute to produce groundwater for domestic use.</p>

The Applications for Permit and Permit Amendments, if granted, would authorize the permit holders to operate wells within the Clearwater Underground Water Conservation District according to the terms and conditions set forth in the permit.

ISSUED this 7th day of April 2021 in Belton, Texas, on the recommendation of the General Manager.

I, the undersigned authority, do hereby certify that the above NOTICE OF CANCELLATION OF SAID PERMIT HEARING of the Board of Directors of the Clearwater Underground Water Conservation District is a true and correct copy of said Notice. I have posted a true and correct copy of said Notice at the District office located in Belton, Texas, and said Notice was posted on April 7, 2021, and remained posted continuously for at least 10 (ten) days immediately preceding the day of said hearing; a true and correct copy of said Notice was furnished to the Bell County Clerk, in which the above-named political subdivision is located.

Dated 04/07/2021

Clearwater Underground Water Conservation District

By: 
Dirk Aaron, General Manager

APR 7 2021 12:09

**NOTICE OF PERMIT HEARING OF THE
CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT**

In accordance with Governor Abbott's declaration of the COVID-19 public health threat, action to temporarily suspend certain provisions of the Texas Open Meetings Act, and Executive Order, a quorum of CUWCD's Board of Directors will hold this scheduled Public Hearing by telephonic conference call and, for redundancy, videoconference. Notice is hereby given that the Board of Directors for the Clearwater Underground Water Conservation District have set the public hearing set for April 1, 2021 at 1:30 p.m. Applications for Permits as described below will be heard as described above, in compliance with the Texas Open Meetings Act. The public may access this meeting and make public comment by phone, pc, tablet and/or notebook by going to the District Website <http://www.cuwcd.org/> for the contact information and instructions of which will be available on April 9, 2021.

The hearing will be conducted on the following applications:

Applicant's File Number/Name	Permit Applicant/Holder and Landowner	Location of Well/Wells	Proposed Annual Groundwater Withdrawal Amount & Purpose of Use
<p>Continue Operating Permit Hearing related to:</p> <p>N2-20-007G Existing Well</p>	<p>Victory Rock TX LLC c/o Jon Taliaferro Project Manager Sage ATC Environmental 715 Discovery Blvd, Suite 301 Cedar Park, TX 78613</p> <p>361-215-9994</p>	<p>Existing well will be reworked and equipped with a maximum 2-inch column pipe for a submersible pump rated at 18.6 gallons per minute on the 283-acre tract located at 7170 Solana Ranch Rd West, Jarrell Texas 76537-5008,</p> <p>Latitude 30.876156° Longitude -97.609424°</p>	<p>Request for an Operating Permit on an existing well,</p> <p>N2-20-007G for withdrawal of 30 acre-ft/year or 9,775,000 gallons per year, from the Hensell layer (Middle) of the Trinity Aquifer with a 2-inch column pipe at 18.6 gallons per minute to produce groundwater for the purpose of mining and crushing aggregates.</p>
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WATER CONSERVATION DISTRICT BOARD MEETING, WORKSHOP AND HEARINGS**

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If you would like to support, protest, or provide comments on this application, you must comply with District Rule 6.10 and either appear by phone or video conference during the hearing or submit a written Contested Case Hearing Request that complies with District Rule 6.10 and that must be received by the District prior 11:30 a.m. on the date of the hearing by accessing the form at: <http://www.cuwcd.org/wp-content/uploads/2020/03/Hearing-Registration-eForm-19MAR20.pdf>

Public Comment forms can be assessed at: <http://www.cuwcd.org/wp-content/uploads/2020/03/Public-Comment-eForm-19MAR20.pdf>

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(For supported devices, tap a one-touch number below to join instantly.)
- ✓ United States (Toll Free): 1 866 899 4679
- One-touch: tel:+18668994679,907645989# Access Code: 907-645-989
- ✓ New to GoToMeeting? Get the app now and be ready when your first meeting starts:
<https://global.gotomeeting.com/install/907645989>

FILED FOR RECORD
2021 APR -1 P 12:19
SWEETNEY COSTON,
CLERK OF DISTRICT COURT

A person wishing to submit a Contested Case Hearing Request who is unable to appear at the hearing on the date and time set forth above must also file a motion for continuance with CUWCD demonstrating good cause for the inability to not appear by phone and/or video. For additional information about this application or the permitting process, or to request information on the legal requirements on what MUST be included in a Contested Case Hearing Request to be valid, please contact the CUWCD at 700 Kennedy Court (PO Box 1989) Belton, Texas, 76513, 254-933-0120.

ISSUED this 1st day of April 2021 in Belton, Texas, on the recommendation of the General Manager.

I, the undersigned authority, do hereby certify that the above NOTICE OF PERMIT HEARING of the Board of Directors of the Clearwater Underground Water Conservation District is a true and correct copy of said Notice. I have posted a true and correct copy of said Notice at the District office located in Belton, Texas, and said Notice was posted on April 1, 2021 and remained posted continuously for at least 10 (ten) days immediately preceding the day of said hearing; a true and correct copy of said Notice was furnished to the Bell County Clerk, in which the above-named political subdivision is located.

ISSUED this 1st day of April 2021 in Belton, Texas, on the recommendation of the General Manager.

I, the undersigned authority, do hereby certify that the above NOTICE OF PERMIT HEARING of the Board of Directors of the Clearwater Underground Water Conservation District is a true and correct copy of said Notice. I have posted a true and correct copy of said Notice at the District office located in Belton, Texas, and said Notice was posted on April 1, 2021, and remained posted continuously for at least 10 (ten) days immediately preceding the day of said hearing; a true and correct copy of said Notice was furnished to the Bell County Clerk, in which the above-named political subdivision is located.

Dated 04/01/2021

Clearwater Underground Water Conservation District

By: 
Dirk Aaron, General Manager

Workshop Item #3

Talking Points: Salado Salamander SSA

Background: The Service proposed to list as endangered and designate critical habitat in 2012, and was finalized as threatened in 2014- no critical habitat designated. CBD filed suit on 6/3/2019 for Service's failure to designate critical habitat. Stipulated Settlement made on 2/26/2020 requiring proposed designation by 8/12/2020 and final by 8/12/2021. On 9/15/2020, the Service proposed 787 ac of critical habitat, an increase of 415 ac from what was proposed in 2012.

1. The Service has initiated SSAs for Georgetown and Salado salamanders
 - An SSA is a scientific report containing all information or data gathered/submitted to FWS by various stakeholders involved with the species
 - SSAs are used to inform regulatory decisions (whether to list/delist a species, designate critical habitat, promulgate 4 (d) rules, etc.)
 - Before the Service acknowledged they were starting an SSA, our path was to [1] inform critical habitat; [2] develop 4(d) rule; and [3] post-publication process
2. Regulatory decisions will be paused until SSA is complete
 - When the Service announced SSAs for both salamanders, it was clear no regulatory decisions (including promulgation of 4(d) rules) would occur until the SSA is complete since the SSA info would be used in those decisions
 - Due to the upcoming 8/12/2021 critical habitat deadline (regulatory action), and because SSAs are used to inform regulatory actions, it is likely FWS will try to finish SSA by July 2021
3. 4(d) Rule no longer recommended
 - If we continued with the 4(d) rule path, it would take at least 6 months of preparation plus approximately 1 year in the Federal Register for public comment. At that time, the SSA will be complete
 - If the Coalition does not participate in the SSA, they would not have significant input into the analyses and conclusions other stakeholders would be involved with as SSA participants
4. WilCo will try to ensure that their HCP parameters are included in the SSA and decisions that result from the SSA
 - WilCo recently stated they are likely to group all salamanders together and include them in their HCP as covered species
 - Unnecessary restrictions and expense for Bell County
 - Not advantageous for Bell County to be regulated according to WilCo standards
5. Bell County needs a seat at the SSA table
 - Don't want to get grouped together, without a say, into WilCo's HCP
 - Bell County needs a firewall to separate from WilCo's path
6. Distinct Population Segment (DPS) is a good firewall option
 - DPS means the Salado salamanders in Bell County would be considered separate/distinct from the Salado salamanders in WilCo
 - Regardless of WilCo's HCP, Bell County could continue to successfully address threats and conserve the species
7. Consulting Team proposes to support Bell County in SSA process and pursue DPS designation with FWS
 - If we participate in SSA, we can provide FWS with data to support the designation of a DPS for Bell County. Then, FWS will either pursue DPS on their own (based on data presented), or the Coalition may have to petition them (potential phase 3 of revised SOW)

Final Master Literature List and Matrix Review

Participants: Dirk Aaron, General Manager of Clearwater Underground Water Conservation District and Natural Resources Solutions, Consulting Team

Date: April 12th, 2021

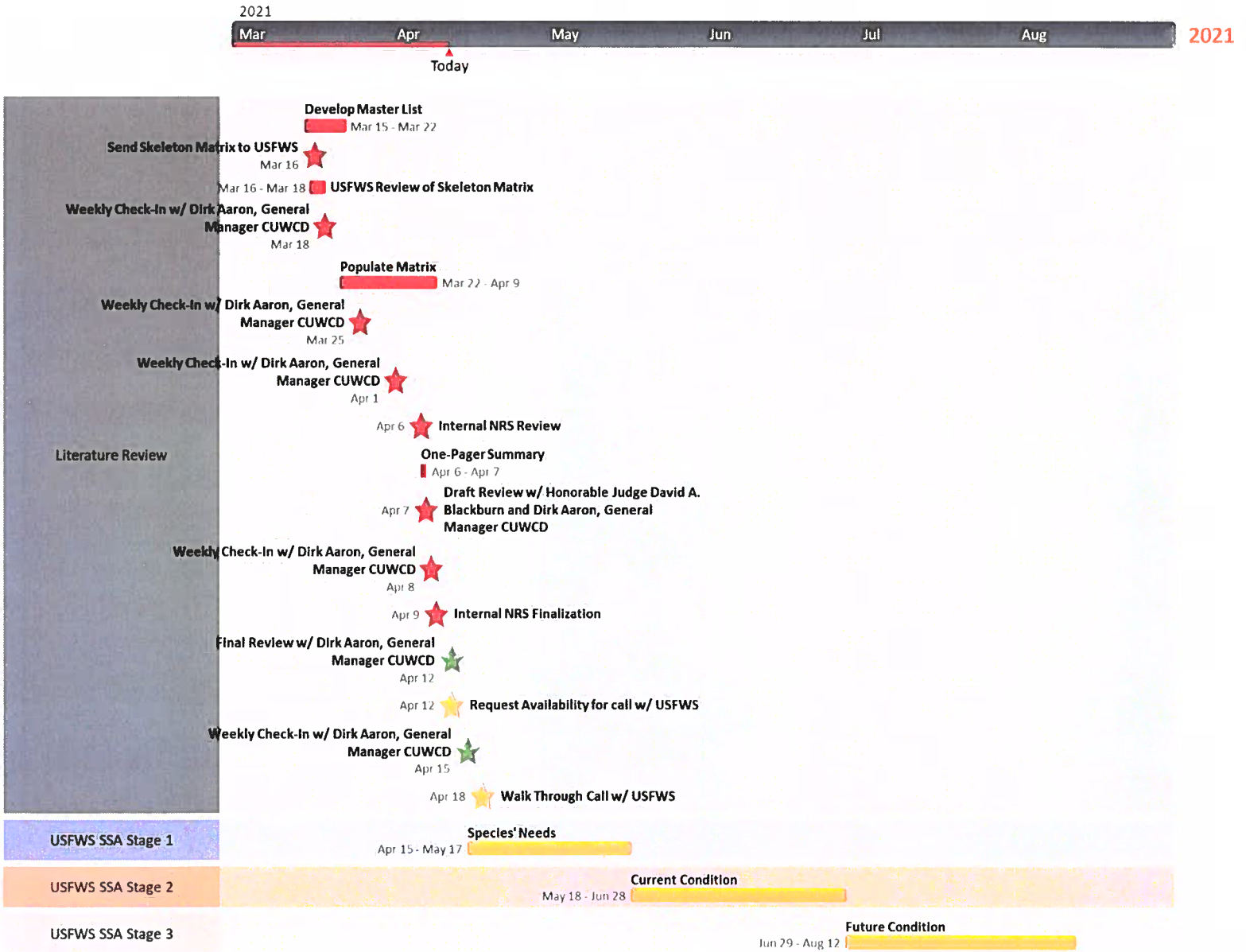
Updates:

- Master literature list and associated matrix is now complete.
- Consulting Team is working to fine-tune both documents, with a focus on:
 - New literature (~2015 to present), and
 - Data and analyzes related to Bell County and the Adaptive Management Coalition's efforts.
- Current Bell County data and analyzes included:
 - All documents in the DropBox link provided by Dirk Aaron;
 - Statutorily Mandated Desired Future Conditions of the Edwards Aquifer- Balcones Fault Zone and Implementing Regulations of the Clearwater Underground Water Conservation District Designed to Protect Spring Flow at Salado Springs in Bell County, Texas;
 - Dirk Aaron 2012 Public Comment on Proposed Rule Recommending Listing of Salado Salamander as Endangered Species;
 - Bell County Adaptive Management Coalition 2013 Update on Developments with U.S. Fish and Wildlife Service's Proposal to List the Salado Salamander as an Endangered Species;
 - Bell County Unincorporated Urbanized Areas TPDES General Permit No. TXR 040000 2007-2012 Storm Water Management Program;
 - Bell County Subdivision Regulations;
 - Bell County Floodplain Management;
 - T. Brown 2012 Public Comment on Proposed Rule Recommending Listing of Salado Salamander as Endangered Species;
 - District Rules for Clearwater Underground Water Conservation District;
 - District Management Plan for Clearwater Underground Water Conservation District;
 - Clearwater Underground Water Conservation District Product Report 2020 Non-Exempt Wells Edwards BFZ;
 - Clearwater Underground Water Conservation District Edwards BFZ Aquifer Status Report
 - Various research reports and PowerPoint presentations from Pete Diaz;
 - M. Gershon 2013 Public Comment on Proposed Rule Recommending Listing of Salado Salamander as Endangered Species and Designation of Critical Habitat;
 - M. Keester 2020 Evaluation of Groundwater Pumping in Travis and Williamson Counties and Summary of Groundwater Pumping Estimates PowerPoint;
 - Salado Water Supply Corporation Water Conservation and Drought Contingency Plan;
 - Smith-Salgado 2020 PowerPoint on the Springshed and Potential Recharge Areas for the Downtown Salado Spring Complex, Salado, Texas;
 - All USGS reports and data from USGS website;
 - Village of Salado Ordinances;
 - Wong 2015 USFWS Research Permit Annual Report 2015 for Permit TE52824B (Salado Salamander);
 - Wong 2020 An Investigation into the Recharge Pathways and mechanisms in the Northern Segment of the Edwards Aquifer, Bell County, Texas (Phases I-III);
 - Yelderman 2013 Tracing Groundwater Flowpaths in the Northern Edwards Aquifer Discharge Zone, Salado Creek, Bell County, Texas;
 - Yelderman 2019 PowerPoint Groundwater Science for Sound Policy: Synoptics; and,
 - Yelderman 2020 The Northern Segment Edwards BFZ Aquifer.

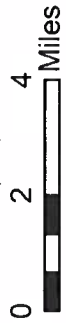
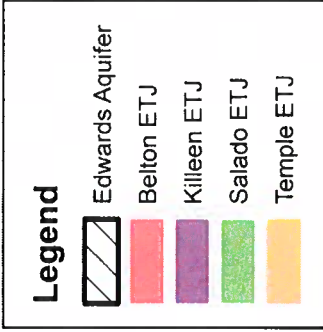
Consulting Team's Tasks:

1. Finalize master list and matrix for Weekly Check-In with Dirk Aaron on April 15th;
2. Reach out to U.S. Fish and Wildlife Service to schedule a call after April 15th to review the master literature list and matrix;
3. Draft a one-page summary to accompany the master list and matrix that describes the overall approach and any pertinent information;
4. Send Dirk Aaron the updated SSA Talking Points and ETJ maps.

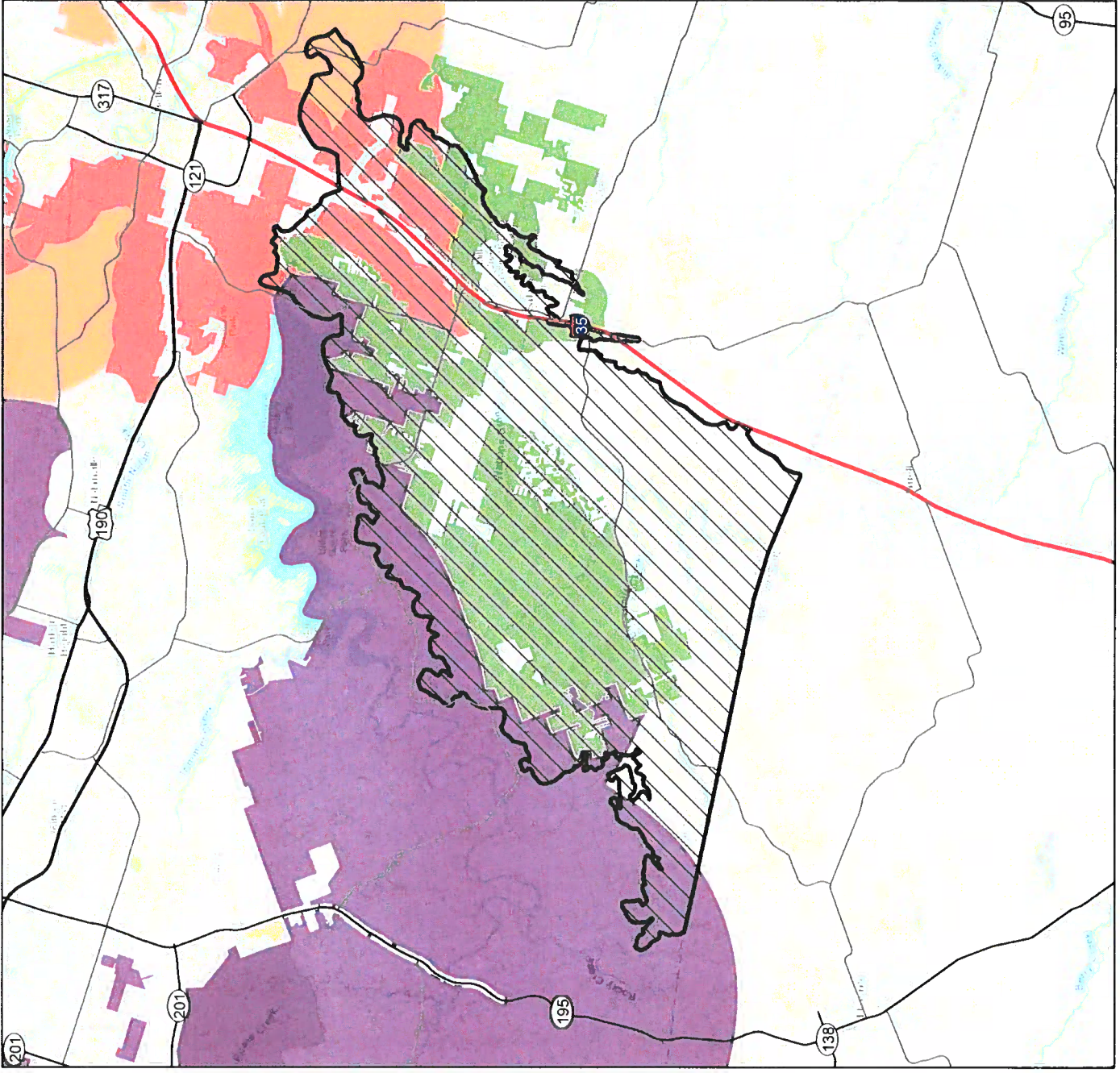
Updated Timeline: As of April 12th, 2021



Edwards Aquifer / Bell County ETJ's



Date: 4/12/2021



Minutes - Item #3

Clearwater Underground Water Conservation District Meeting
700 Kennedy Court
Belton, TX
Wednesday, January 13, 2021
Minutes

In accordance with Governor Abbott's declaration of the COVID-19 public health threat, action to temporarily suspend certain provisions of the Texas Open Meetings Act, and Executive Order, a quorum of CUWCD's Board of Directors held a regular Board meeting by telephonic conference call and, for redundancy, video conference on Wednesday, March 10, 2021 at 1:30 p.m. The meeting originated from the Clearwater UWCD Building, located at 700 Kennedy Court, Belton, Texas.

Board Members Present:

*Leland Gersbach, President, Pct. 1
*David Cole, Vice President, At Large
*Gary Young, Secretary, Pct. 2
*Jody Williams, Director, Pct.
*Scott Brooks, Director, Pct. 4

Absent:

Staff:

* Dirk Aaron, General Manager
* Shelly Chapman, Admin. Manager

Guest: (remote & in person)

*Jim Brown	*Johnny Baird	*Matthew Baird
*Marcus Edwards	*Zach Baird	Dennis Baird
Brian Winterowd	Earl Sterns	Cole Ruiz-Lloyd Gosselink
Randy Gibson	James Beach	John Taliaferro-Victory Rock
Jay Lindholm	Maddie Todd	Mardsen/Hill
Charlot Baird	Amelia Hunter	Marty Kelly
Michael Redman	Mike Keester-LRE	Pete Diaz-US Fish
Jessica Diem	Casey Deweese	Dr. Joe Yelderman- Baylor
Anne Rogers Harrison	Craig Wright	Sandra Blankenship
Bobby Whitson	Michael Spano	Padraic Dillon
Bill Schumann-County Commissioner	*Kirk Michaux-Solana Ranch	*Shannon Seib-7KX
*Ryan Hodge-7KX		

(*in-person)

Board meeting convened with President, Leland Gersbach at 1:30 p.m.

1. Invocation and Pledge of Allegiance.

Vice President, David Cole, gave the invocation.
Secretary, Gary Young, led the Pledge of Allegiance.

2. Public Comment.

No public comments.

3. Approve minutes of the January 13, 2021 Board meeting and Workshop.

Board members received the minutes of the January 13, 2021 Board meeting and workshop in their Board Packet to review prior to the meeting.

Vice President, David Cole, moved to approve the minutes of the January 13, 2021 Board meeting and Workshop. Secretary, Gary Young, seconded the motion.

Motion carried 5-0.

President, Leland Gersbach, asked the Board to skip to item #10 at this time to conduct the public hearing. The Board agreed.

10. Hold public hearing on the following permit applications:

- 1) *Discuss, consider and take appropriate action if necessary, on the proposed operating permit of 30 ac-ft/yr. for Victory Rock LLC authorizing operating production from an existing (well# N2-20-007G) completed in the Middle Trinity Aquifer at 18.6 gpm for mining and crushing aggregate located on a 283-acre site at 7170 Solana Ranch Rd West, Jarrell Texas 76537-5008.*
- 2) *Discuss, consider and take appropriate action if necessary, on a proposed drilling permit to authorize a new well in the Edwards BFZ aquifer for 7KX Investments to produce groundwater for public water supply (well #N2-19-005P) proposed with a maximum 6-inch column pipe at 1000 gpm on a 345.97-acre site located approximately 3 miles south of the Village of Salado Pump, West Side of IH-35, west of the southbound TXDOT rest area.*

President, Leland Gersbach, called the public hearing to order at 1:34 p.m.

Leland gave a summary of the 2 applications before the Board and reviewed the procedures that will apply. He noted for the record that the hearing had been properly noticed according to statute and District rules. Leland instructed anyone wishing to participate in the hearing, in support or protest, to sign up to speak.

As presiding Officer, Leland will hear evidence and sworn testimony, and rule on any procedural issues. He stated that the permit applications must meet certain elements to be approved. General Manager, Dirk Aaron, will cover these elements in his review and recommendations.

Leland noted that the 2 applications before the Board have undergone administrative, legal, and technical review by District staff, General Counsel, and Geoscience Consultants.

First, Leland will take appearances by the parties related to the Victory Rock LLC application. He will hear testimony from Dirk Aaron (General Manager), Mike Keester (Geoscience Consultant), and Cole Ruiz (Legal Counsel), as well as representatives for Victory Rock.

Leland explained that the Board can only rely upon testimony and other information presented by the applicant, applicant's representative, CUWCD General Manager and Consultants. Any person wishing to protest an application must submit a contested case hearing request.

Dirk asked Cole Ruiz, legal counsel, to explain the contested case hearing and procedures. Cole explained what a contested case hearing is.

Leland addressed parties wishing to make public comment and explained the procedures to be followed. Leland administered an oath to all parties who will be speaking on the applications.

Leland asked John Taliaferro, representative for Victory Rock, to layout the application for an operating permit for an existing well on the 283 acre tract and the beneficial needs associated with the proposed groundwater production and any other information he would like to add.

John Taliaferro presented his case and answered questions regarding the application. He noted that after discussion with the District, the applicant would like to alter their request to 2 acre feet for the remainder of 2021 and Victory Rock will submit an application for a new drilling an operating permit for a well to be drilled into the Lower Trinity Aquifer.

Leland asked Dirk Aaron (CUWCD) to describe in general what deems the application as an N2 nonexempt operating permit. Dirk explained the criteria for an N2 operating permit. He presented his executive summary that was provided in the Board packet. He noted for the record that application had been deemed administratively complete, all fees have been paid, and all criteria have been met. Dirk also explained that the applicant will be required to meter the well, report monthly usage, and has agreed to the installation of an observation tube so CUWCD staff can periodically measure drawdown.

Next, Leland addressed Mike Keester (LRE-Water). Mike Keester presented his hydrogeologic review, his assessment, findings, and options/alternatives that have been discussed to the original application. Leland asked if the proposed operating permit of 30-acre feet would adversely impact adjacent well owners. Mike

replied that he felt it would impact their ability to produce. He commented that special provisions should be imposed if the permit is approved. He discussed his recommendations and how to best use the available resources.

Legal Counsel, Cole Ruiz, commented that the District has done a superb job in evaluating this application and working with the applicant and negotiating special provisions and permit conditions. Procedurally everything has been done in line with what required from the statute and District rules.

Leland addressed the applicant. The applicant understands the Board does not have the authority to approve or deny the application beyond the described elements reflected in the General Managers executive summary. The applicant would be willing to possibly modify the application to address concerns of property and well owners. The applicant has agreed to special provisions as laid out by district staff and consultants.

Leland opened the floor up to comments from protestants that have been determined to have a legal standing in the hearing.

Brian Wintrowd – Concerns have been addressed as long as the Board moves to enforce measures to the lower trinity.

Casey Dewees – Experience with VR is one of distrust. He is not confident they can be trusted to do what is required on their own. As long as these requirements are being enforced, then he can't really complain.

Dennis Baird – Appreciates the Board allowing them to attend the hearing. He is a landowner adjacent to Victory Rocks quarry. He listed his credentials. He is concerned there is no signage to deter trespassing or about heavy equipment operating, or that blasting may occur. Fencing is in bad shape. There has been no communication from the applicant. He is concerned about contamination of water in Salado Creek or nearby wells. The quarry could affect property and home values. He is opposed to any water permit.

Earl Sterns – Lives in Hidden Springs. Receives regular notices from CUWCD that water quality is poor because of drawdown in Georgetown. He is opposed to any groundwater use for the quarry.

Johnny Baird – Thanked the Board for allowing him to speak. His family moved to a piece of land outside of the city to enjoy safe, happy place to live. Quarry signage not valid. They contacted TCEQ and they could not locate a permit. Permit was finally found under another name. Blasting has disrupted the serenity of country living. Received notice about the permit hearing. He met with Dirk Aaron. He has concerns about the quarry having a Jerrell address. Why is there no phone # or name of the quarry listed on their signage? Believes dust suppression needs more than 2-acre feet per year. He suggests CUWCD works with TCEQ to understand requirement needed to do what Victory Rock requests. He strenuously objects to this permit being granted.

Marcus Edwards – Property owner near Victory Rock. He has an Edwards well on his property. He believes his well will be affected by the drawdown. His concerns are water quality, demand, and conservation. He believes what is being excavated is the filtration of the Edwards aquifer. He believes the District has the jurisdiction to deny a permit because of that. The District needs to require them to have an engineered plan. Require inspection and verify inspections of the conservation plan. Asked the District to take a leadership role and prevent what is happening in Georgetown.

Matthew Baird – He is against the permit process. His well is the closest to the well and will be affected the most. He is concerned about water quality as well. Does not want a quarry there.

Zach Baird – Has an Edwards well. Would like to drill a Lower Trinity well in the future. He has the same concerns as the others as far as water quality and drawdown.

Jim Brown – Concerned well owner. His well is part of the CUWCD WellIntell program. He is aware of the issues in the Trinity Aquifer. He stated his credentials and accomplishments. His concerns are as follows: Regarding Victory Rock's water use estimates, he was concerned with the information and calculations in the reports. Clearwater needs to work again to verify the numbers are actually correct. Did not

see anything in the calculation about dust control. Issues regarding the Middle Trinity being used by numerous exempt wells in Southern Bell County for Domestic use. He would like to see a 72 hour aquifer test if the well is permitted in order for the impacts to be more accurately assessed. The proposed well would use a significant portion of remaining available exempt use. Water levels in confined aquifers wells respond relatively quickly to prolonged pumping. He is concerned that increased pumping in the long term could cause drawdown that impacts the Hensell Sand wells in Solana Ranch area and Hidden Springs Middle Trinity wells. He strongly recommends CUWCD require Victory Rock to obtain its requested groundwater from the Lower Trinity formation. He is not against business or industry. But it must be done responsibly.

Seeing that all parties have had an opportunity to make their cases, Leland asked if anyone wanted to submit additional evidence. There was none.

Because of multiple concerns and formal arguments, Leland had questions he wanted to address with Legal Counsel in executive session.

Vice President, David Cole, moved to convene executive session. Secretary, Gary Young, seconded the motion. Motion carried 5-0.

Executive Session 3:23-3:58 p.m.

Director, Scott Brooks, moved to continue the hearing at the April 14, 2021 meeting with 2 requirements from the applicant: 1) the applicant needs to work with CUWCD General Manager and Consultant to re-establish/clarify beneficial use analysis; 2) justify 18 month window made during testimony due to unavailability to get a well driller capable of drilling to the Lower Trinity scheduled. Applicant will need to provide letters from 3 well drillers stating such. Secretary, Gary Young, seconded the motions.

Director, Jody Williams, moved to amend the motion to include an application for a Lower Trinity well be submitted by the applicant prior to the April 14th meeting. Secretary, Gary Young, seconded the amended motion.

Motion and amendment carried 5-0.

Leland continued the public hearing on to the application for a drilling permit for 7KX.

Leland will take appearances from General Manager, Dirk Aaron, Mike Keester, and Cole Ruiz. Ryan Hodge and Shannon Sieb are representing 7KX.

Leland asked if anyone wished to provide public comment or protest the application. There were no comments or protests.

Leland administered the oath to all parties who would be speaking on this application.

Leland asked Ryan Hodge to layout the application to drill and equip a new well in the Edwards BFZ Aquifer for Public Water Supply on 345.97 acres.

Ryan Hodge presented his case and request to drill a new well for Public Water Supply.

Leland asked Dirk Aaron (CUWCD) to describe in general what deems the application as an N2 nonexempt operating permit. Dirk explained the criteria for an N2 operating permit. He presented his executive summary that was provided in the Board packet. He noted for the record that application had been deemed administratively complete, all fees have been paid, and all criteria have been met. Dirk also explained that the applicant will be required to meter the well, report monthly usage, and has agreed to the installation of an observation tube so CUWCD staff can periodically measure drawdown.

Next, Leland addressed Mike Keester (LRE-Water). Mike Keester presented his hydrogeologic review, his assessment, and findings for a new well for a potential operating permit of 500-acre feet per year. Mike recommends the Board approve the application with the all special provisions as agreed upon by the applicant.

Legal Counsel, Cole Ruiz, commented that the District has addressed all aspects of the application in its jurisdiction and has no other thoughts necessary to add clarity to the deliberation on the 7KX application.

Leland addressed the applicant. The applicant understands the Board does not have the authority to approve or deny the application beyond the described elements reflected in the General Managers executive summary. The applicant understands the requirements and special provisions that have been laid out for the proposed application.

Leland asked if there were any additional questions or discussions necessary for this application? There were none.

Leland concluded the evidentiary portion of this hearing.

Director, Scott Brooks, moved to approve the drilling permit for 7KX with special provisions as agreed upon. Vice President, David Cole, seconded the motion.

Motion carried 5-0.

Public Hearing concluded and regular Board meeting resumed at 4:30 p.m.

4. *Discuss, consider, and take appropriate action if necessary, to accept the monthly Financial Report for January 2021 (FY21) as presented.*

Board members received the monthly financial report for January 2021 in their Board Packet to review prior to the meeting.

Director, Jody Williams, moved to accept the monthly financial report for January 2021 as presented. Vice President, David Cole, seconded the motion.

Motion carried 5-0.

5. *Discuss, consider, and take appropriate action if necessary, to accept the monthly Financial Report for February 2021 (FY21) as presented.*

Board members received the monthly financial report for February 2021 in their Board Packet to review prior to the meeting.

Vice President, David Cole, moved to accept the monthly financial report for February 2021 as presented. Director, Scott Brooks, seconded the motion.

Motion carried 5-0.

6. *Discuss, consider, and take appropriate action if necessary, to accept the monthly Investment Fund Account report for January 2021 (FY21) as presented.*

Board members received the monthly investment fund account report for January 2021 in their Board Packet to review prior to the meeting.

Secretary, Gary Young, moved to accept the monthly investment fund account report for January 2021 as presented. Director, Jody Williams, seconded the motion.

Motion carried 5-0.

7. *Discuss, consider, and take appropriate action if necessary, to accept the monthly Investment Fund Account report for February 2021 (FY21) as presented.*

Board members received the monthly investment fund account report for February 2021 in their Board Packet to review prior to the meeting.

Vice President, David Cole, moved to accept the monthly investment fund account report for February 2021 as presented. Director, Scott Brooks, seconded the motion.

Motion carried 5-0.

8. *Discuss, consider, and take appropriate action if necessary, to approve the FY21 line item budget amendments as requested.*

Shelly Chapman presented the request for line item budget amendments for the purpose of adjusting line item 50500 (Dues & Memberships) to cover increase in fees for TWCA and AWA, and line item 53305 (database enhancements) to allow Halff to update features on the District database..

Vendor	Line Item	Invoice Amount	Available Funds	Amount Requested	New Balance	From	Available Funds	New Balance
TWCA	50500-Dues/Memberships	\$815.00	\$207.00	\$608.00	\$815.00	50800-Mileage Reimbursement	\$5,000.00	\$4,392.00
AWA	50500-Dues/Memberships	\$83.00	\$0.00	\$83.00	\$898.00	50800-Mileage Reimbursement	\$4,392.00	\$4,309.00
HALFF	53305-DataBase Enhancem	\$1,000.00	\$0.00	\$1,000.00	\$1,000.00	50800-Mileage Reimbursement	\$4,309.00	\$3,309.00
HALFF	53305-DataBase Enhancem	\$500.00	\$0.00	\$500.00	\$1,500.00	50800-Mileage Reimbursement	\$3,309.00	\$2,809.00

Requested By: Shelly Chapman

Verified By: Dirk Aaron

9. *Discuss, consider, and take appropriate action if necessary, to approve registration and sponsorship of the 2021 Texas Groundwater Summit.*

Dirk Aaron informed the Board that the Texas Groundwater Summit will be held in person this year. The event will be in San Antonio. Dirk requested the Board continue to be the “Program” sponsor for the event. The District has sponsored the Program for the last couple of years. Money has been budgeted for this event. He encouraged all Board members to attend.

Director, Scott Brooks, moved to continue with the sponsorship for the Texas Groundwater Summit and directed staff to register for the event. Vice-President, David Cole, seconded the motion.

Motion carried 5-0.

11. *General Manager’s Report concerning office management and staffing related to District Management Plan³.*

- Dirk would like to step away from Facebook social media platform. Doesn’t find it to be beneficial.
- Dirk briefed the Board on issues that occurred regarding subdivision plats. Informed them of the steps the District will take to resolve the issues.

12. *Receive monthly report and possible consideration and Board action on the following:*

- a) *Drought Status Reports*
- b) *Education Outreach Update*
- c) *Monitoring Wells*
- d) *Rainfall Reports*
- e) *Well Registration Update*
- f) *Aquifer Status Report & Non-exempt Monthly Well Production Reports*

Dirk discussed the drought status report.

13. Director comments and reports³.

- **Gary Young:** Commented that he stays in contact with Dirk. He appreciates all the time Dirk has spent with working with Victory Rock prior to the public hearing and all the time and energy he has put in with the Coalition.
- **David Cole:** None
- **Jody Williams:** None
- **Scott Brooks:** None
- **Leland Gersbach:** None

14. Discuss agenda items for next meeting.

- Audit review
- Annual report
- Continuation of the Victory Rock public hearing

15. Set time and place of next meeting.

Wednesday, April 14, 2021

16. Adjourn.

Board meeting adjourned with President, Leland Gersbach, at 4:30 p.m.

Workshop convened with President, Leland Gersbach at 4:32 p.m.

Workshop Item #1. Receive information related to Groundwater Management Area 8, per the Joint Planning and Development of the Round 3 Desired Future Conditions.

Dirk Aaron gave a brief update on the DFC process.

Workshop Item #2. Receive Legislative update on 87th Legislative Session from Ty Embrey, Lloyd Gosselink Rochelle & Townsend.

Ty Embrey updated the Board on the current Legislative session and noted items that are of interest to the District.

Workshop Item #3. Receive annual report from Pete Diaz related to the 2020 Salado Salamander Assessment under the current Reimbursable Task Order.

Pete Diaz presented his annual report on the Salado Salamander Assessment for 2020.

Workshop Item #4. Receive draft of the 2020 Annual Report for the District pursuant with Chapter 35 and District Bylaws.

Dirk Aaron presented the draft of the 2020 Annual Report. He noted that Tristin has been working to get this complete. He asked the Board to review it for corrections or changes that should be made. The final report will be presented for approval at the April Board meeting.

Workshop Item #5. Receive update on the status of the USFWS SSA efforts related to the Edwards BFZ Aquifer.

Dirk presented information related to on-going efforts of the USFWS Salado Salamander Assessment and the Edwards BFZ.

Workshop closed with President, Leland Gersbach at 5:19 p.m.

Leland Gersbach, President

ATTEST:

Gary Young, Secretary or
Dirk Aaron, Assistant Secretary

Financial Report - Item #4

Clearwater Underground Water Conservation
Balance Sheet
As of March 31, 2021

	Mar 31, 21
ASSETS	
Current Assets	
Checking/Savings	
10005 · Cash-Reg Operating	19,369.49
10500 · Cash-TexPool Prime	617,717.22
10505 · Cash - TexPool	612,366.28
Total Checking/Savings	1,249,452.99
Accounts Receivable	
11000 · Accounts Receivable	1,936.74
Total Accounts Receivable	1,936.74
Other Current Assets	
11005 · Accounts Receivable - Taxes	21,737.60
Total Other Current Assets	21,737.60
Total Current Assets	1,273,127.33
Fixed Assets	
15005 · Land	59,981.29
15010 · Leasehold Improvements	19,000.00
15015 · Building	306,734.08
15016 · Storage Building	104,382.03
15018 · Monitor Wells	92,938.18
15019 · Mobile Classroom Trailer	90,688.85
15020 · Field Equipment	17,243.55
15023 · Vehicles	6,920.00
15025 · Office Equipment	71,574.04
15030 · Accumulated Depreciation	-177,272.36
Total Fixed Assets	592,189.66
TOTAL ASSETS	1,865,316.99
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Other Current Liabilities	
21000 · Deferred Tax Revenue	21,737.60
21050 · Compensated Absences Accrued	9,429.60
24000 · Payroll Liabilities	
24010 · TWC	576.00
Total 24000 · Payroll Liabilities	576.00
Total Other Current Liabilities	31,743.20
Total Current Liabilities	31,743.20
Total Liabilities	31,743.20
Equity	
31000 · Unappropriated Fund Balance	863,207.26
32000 · *Retained Earnings	-42,815.22
33000 · Investment in Fixed Assets	592,189.66
Net Income	420,992.09
Total Equity	1,833,573.79
TOTAL LIABILITIES & EQUITY	1,865,316.99

**Clearwater Underground Water Conservation
Profit & Loss Budget vs. Actual
October 2020 through March 2021**

4:27 PM

04/08/2021

Accrual Basis

	Mar 21	Oct '20 - 'Mar 21	FY21 Original Budget	FY21 Amended Budget	\$ Over Budget
Ordinary Income/Expense					
Income					
40005 · Application Fee Income	5,400.00	11,100.00	30,000.00	30,000.00	-18,900.00
40010 · Bell CAD Current Year Tax	46,613.10	688,779.88	736,203.00	736,203.00	-47,423.12
40015 · Bell CAD Delinquent Tax	406.33	3,951.02	12,500.00	12,500.00	-8,548.98
40020 · Interest Income	59.00	567.42	15,000.00	15,000.00	-14,432.58
40030 · Transport Fee Income	0.00	1,936.74	1,500.00	1,500.00	436.74
Total Income	52,478.43	706,335.06	795,203.00	795,203.00	-88,867.94
Gross Profit	52,478.43	706,335.06	795,203.00	795,203.00	-88,867.94
Expense					
50000 · Administrative Expenses					
50100 · Audit	0.00	0.00	7,500.00	7,500.00	-7,500.00
50200 · Conferences & Prof Development	0.00	474.00	4,000.00	4,000.00	-3,526.00
50250 · Contingency Fund	0.00	0.00	26.00	26.00	-26.00
50300 · Director Expenses					
50305 · At Large	0.00	0.00	1,500.00	1,500.00	-1,500.00
50310 · Pct. 1	0.00	0.00	1,500.00	1,500.00	-1,500.00
50315 · Pct. 2	0.00	0.00	1,500.00	1,500.00	-1,500.00
50320 · Pct. 3	0.00	0.00	1,500.00	1,500.00	-1,500.00
50325 · Pct. 4	0.00	0.00	1,500.00	1,500.00	-1,500.00
Total 50300 · Director Expenses	0.00	0.00	7,500.00	7,500.00	-7,500.00
50400 · Director Fees					
50405 · At Large	150.00	750.00	2,550.00	2,550.00	-1,800.00
50410 · Pct. 1	0.00	0.00	2,550.00	2,550.00	-2,550.00
50415 · Pct. 2	150.00	900.00	2,550.00	2,550.00	-1,650.00
50420 · Pct. 3	150.00	750.00	2,550.00	2,550.00	-1,800.00
50425 · Pct. 4	0.00	0.00	2,550.00	2,550.00	-2,550.00
Total 50400 · Director Fees	450.00	2,400.00	12,750.00	12,750.00	-10,350.00
50500 · Dues & Memberships	0.00	2,643.00	2,850.00	3,541.00	-898.00
50550 · Election Expense	0.00	0.00	500.00	500.00	-500.00
50600 · GMA 8 Expenses					
50605 · Technical Committee	0.00	1,000.00	5,000.00	5,000.00	-4,000.00
50610 · Administration	0.00	116.86	5,000.00	5,000.00	-4,883.14
Total 50600 · GMA 8 Expenses	0.00	1,116.86	10,000.00	10,000.00	-8,883.14
50700 · Meals	0.00	0.00	1,000.00	1,000.00	-1,000.00
50800 · Mileage Reimbursements	0.00	0.00	5,000.00	2,809.00	-2,809.00
50900 · Travel & Hotel	0.00	0.00	4,500.00	4,500.00	-4,500.00
Total 50000 · Administrative Expenses	450.00	6,633.86	55,626.00	54,126.00	-47,492.14
52000 · Salary Costs					
52005 · Administrative Assistant	4,093.67	24,562.02	49,124.00	49,124.00	-24,561.98

	Mar 21	Oct '20 - 'Mar 21	FY21 Original Budget	FY21 Amended Budget	\$ Over Budget
52010 · Educational Coord/Support Tech	3,485.00	20,910.00	41,820.00	41,820.00	-20,910.00
52015 · Manager	6,990.67	41,944.02	83,888.00	83,888.00	-41,943.98
52020 · Part Time/Intern	0.00	0.00	2,640.00	2,640.00	-2,640.00
52025 · Office Assistant/Field Tech	3,400.00	20,400.00	40,800.00	40,800.00	-20,400.00
52040 · Health Insurance	2,835.74	20,082.22	41,274.00	41,274.00	-21,191.78
52045 · Payroll Taxes & Work Comp	1,467.76	8,946.45	19,645.00	19,645.00	-10,698.55
52050 · Retirement	739.94	4,439.64	9,704.00	9,704.00	-5,264.36
52055 · Payroll Expenses	8.66	34.64	125.00	125.00	-90.36
52060 · Freshbenies	36.00	216.00	432.00	432.00	-216.00
Total 52000 · Salary Costs	23,057.44	141,534.99	289,452.00	289,452.00	-147,917.01
53000 · Operating Expenses					
53010 · Bank Service Charges	0.00	36.00	50.00	50.00	-14.00
53020 · Advertisement	0.00	1,772.88	3,500.00	3,500.00	-1,727.12
53030 · Appraisal District	1,974.50	3,887.50	8,500.00	8,500.00	-4,612.50
53100 · Clearwater Studies					
53105 · Trinity Studies					
53105.1 · Pumping Distribution	0.00	0.00	0.00	0.00	0.00
53105.2 · Pumping Test	0.00	0.00	0.00	0.00	0.00
53105.3 · Synoptic	0.00	0.00	5,120.00	5,120.00	-5,120.00
53105.4 · GAM Run	0.00	0.00	0.00	0.00	0.00
53105.5 · Mgmt Options	0.00	6,167.50	16,400.00	16,400.00	-10,232.50
53105.6 · Water Quality Studies	12,525.00	12,525.00	57,600.00	57,600.00	-45,075.00
Total 53105 · Trinity Studies	12,525.00	18,692.50	79,120.00	79,120.00	-60,427.50
53110 · Edwards BFZ Studies					
53110.1 · Pumping Distribution	0.00	0.00	0.00	0.00	0.00
53110.2 · Pumping Test	0.00	0.00	0.00	0.00	0.00
53110.3 · Synoptic	0.00	0.00	0.00	0.00	0.00
53110.4 · Spring Shed (Baylor)	0.00	0.00	0.00	0.00	0.00
53110.5 · Water Quality Studies	0.00	0.00	0.00	0.00	0.00
53110.6 · GAM Calibration	0.00	0.00	45,000.00	45,000.00	-45,000.00
Total 53110 · Edwards BFZ Studies	0.00	0.00	45,000.00	45,000.00	-45,000.00
53115 · Drought Contingency Plan	0.00	0.00	0.00	0.00	0.00
53120 · Endangered Species					
53120.1 · Coalition	0.00	0.00	0.00	0.00	0.00
53120.2 · Reimbursable Order	0.00	0.00	0.00	0.00	0.00
53120.3 · 4(d) rule	0.00	0.00	0.00	0.00	0.00
53120.4 · DPS Petition	0.00	0.00	0.00	0.00	0.00
53120 · Endangered Species - Other	0.00	0.00	0.00	0.00	0.00
Total 53120 · Endangered Species	0.00	0.00	0.00	0.00	0.00
53125 · Environmental Flows	0.00	0.00	0.00	0.00	0.00
53130 · General Consulting					
53130.1 · DFC Process	0.00	825.00	10,000.00	10,000.00	-9,175.00
53130.2 · Eval of Rules	0.00	3,455.00	5,000.00	5,000.00	-1,545.00

	Mar 21	Oct '20 - 'Mar 21	FY21 Original Budget	FY21 Amended Budget	\$ Over Budget
53130.3 · Eval. Hydrogeologic Report	0.00	0.00	0.00	0.00	0.00
53130.4 · Investigations	0.00	855.00	7,000.00	7,000.00	-6,145.00
53130.5 · Geo Logging	0.00	5,000.00	5,000.00	5,000.00	0.00
53130.6 · Aquifer Monitor Well Tool	0.00	9,960.00	10,240.00	10,240.00	-280.00
53130.7 · ASR Study	0.00	0.00	20,000.00	20,000.00	-20,000.00
53130.8 · Data Release	0.00	0.00	0.00	0.00	0.00
Total 53130 · General Consulting	0.00	20,095.00	57,240.00	57,240.00	-37,145.00
53135 · Monitor Well Construction	0.00	0.00	0.00	0.00	0.00
53140 · Monitor Wells Expenses	0.00	7,303.94	15,000.00	15,000.00	-7,696.06
53141 · Weather Station Expense	0.00	0.00	2,000.00	2,000.00	-2,000.00
53145 · Spring Flow Gauge	0.00	0.00	0.00	0.00	0.00
53150 · Water Quality	0.00	555.89	2,500.00	2,500.00	-1,944.11
53155 · 3-D Visualization	0.00	24,270.00	40,000.00	40,000.00	-15,730.00
Total 53100 · Clearwater Studies	12,525.00	70,917.33	240,860.00	240,860.00	-169,942.67
53200 · Spring Flow Gage System					
53205 · Op. & Maintenance	0.00	0.00	15,900.00	15,900.00	-15,900.00
53210 · Installation	0.00	0.00	0.00	0.00	0.00
Total 53200 · Spring Flow Gage System	0.00	0.00	15,900.00	15,900.00	-15,900.00
53300 · Computer Consulting					
53305 · Enhancements - Data Base	1,000.00	1,000.00	0.00	1,500.00	-500.00
53306 · Hosting - Data Base	0.00	3,000.00	3,000.00	3,000.00	0.00
53310 · Hosting - PDI	0.00	1,000.00	1,000.00	1,000.00	0.00
53311 · Hosting - Website	0.00	0.00	1,800.00	1,800.00	-1,800.00
53312 · Enhancements - Website	0.00	0.00	0.00	0.00	0.00
53315 · IT Network Sustainment	450.00	2,700.00	5,400.00	5,400.00	-2,700.00
53317 · Management Tool Sustainment	0.00	450.00	1,640.00	1,640.00	-1,190.00
Total 53300 · Computer Consulting	1,450.00	8,150.00	12,840.00	14,340.00	-6,190.00
53400 · Computer Licenses/Virus Prtctn	0.00	0.00	1,500.00	1,500.00	-1,500.00
53450 · Computer Repairs and Supplies	0.00	200.08	1,500.00	1,500.00	-1,299.92
53500 · Computer Software & Hardware	0.00	495.79	4,000.00	4,000.00	-3,504.21
53550 · Copier/Scanner/Plotter	486.56	2,919.30	6,000.00	6,000.00	-3,080.70
53600 · Educational Outreach/Marketing					
53603 · Event Sponsor/Income	0.00	0.00	0.00	0.00	0.00
53605 · Event Cost	5.39	2,776.95	10,000.00	10,000.00	-7,223.05
53615 · Promotional Items	0.00	1,562.48	5,000.00	5,000.00	-3,437.52
53620 · Supplies & Equipment	0.00	42.22	4,500.00	4,500.00	-4,457.78
53625 · Curriculum	0.00	0.00	0.00	0.00	0.00
Total 53600 · Educational Outreach/Marketing	5.39	4,381.65	19,500.00	19,500.00	-15,118.35
53650 · Furniture & Equipment	0.00	0.00	1,500.00	1,500.00	-1,500.00
53700 · Legal					
53701 · Drought Contingency Plan	0.00	0.00	0.00	0.00	0.00
53702 · Endangered Species	0.00	5,212.00	15,000.00	15,000.00	-9,788.00
53703 · General (rules/accountability)	1,772.00	1,968.00	15,000.00	15,000.00	-13,032.00

	Mar 21	Oct '20 - 'Mar 21	FY21 Original Budget	FY21 Amended Budget	\$ Over Budget
53704 · Legislative Research/Analysis	0.00	0.00	2,500.00	2,500.00	-2,500.00
53705 · Legislative Services	5,000.00	12,704.00	34,000.00	34,000.00	-21,296.00
53706 · GMA/DFC/MAG support	0.00	1,522.00	10,000.00	10,000.00	-8,478.00
Total 53700 · Legal	6,772.00	21,406.00	76,500.00	76,500.00	-55,094.00
53720 · Office Supplies	765.89	1,847.04	3,000.00	3,000.00	-1,152.96
53730 · Permit Reviews					
53731 · Geoscience	0.00	1,350.00	15,000.00	15,000.00	-13,650.00
53732 · Legal Evaluation	0.00	64.00	15,000.00	15,000.00	-14,936.00
Total 53730 · Permit Reviews	0.00	1,414.00	30,000.00	30,000.00	-28,586.00
53740 · Postage	63.00	1,346.72	2,500.00	2,500.00	-1,153.28
53750 · Printing	0.00	1,428.62	2,500.00	2,500.00	-1,071.38
53760 · Reserve for Uncollected Taxes	0.00	0.00	20,000.00	20,000.00	-20,000.00
53780 · Subscriptions	0.00	184.88	900.00	900.00	-715.12
53785 · Mobile Classroom Expense	0.00	0.00	2,000.00	2,000.00	-2,000.00
53790 · Vehicle Expense	99.46	1,579.92	4,000.00	4,000.00	-2,420.08
Total 53000 · Operating Expenses	24,141.80	121,967.71	457,050.00	458,550.00	-336,582.29
54000 · Facility Costs					
54100 · Insurance					
54101 · Liability	0.00	1,177.82	1,300.00	1,300.00	-122.18
54102 · Property	0.00	1,740.48	1,800.00	1,800.00	-59.52
54103 · Surety Bonds	0.00	200.00	1,200.00	1,200.00	-1,000.00
54104 · Worker's Comp	0.00	811.60	1,100.00	1,100.00	-288.40
54105 · Liability - Vehicle	0.00	819.28	1,250.00	1,250.00	-430.72
Total 54100 · Insurance	0.00	4,749.18	6,650.00	6,650.00	-1,900.82
54200 · Building Repairs/Maintenance	100.00	3,738.91	5,000.00	5,000.00	-1,261.09
54300 · Janitorial Service	300.00	1,800.00	3,600.00	3,600.00	-1,800.00
54400 · Janitorial Supplies	102.10	181.15	750.00	750.00	-568.85
54500 · Lawn Maintenance/Service	185.00	1,110.00	2,500.00	2,500.00	-1,390.00
54600 · Security	0.00	179.70	375.00	375.00	-195.30
Total 54000 · Facility Costs	687.10	11,758.94	18,875.00	18,875.00	-7,116.06
55000 · Utilities					
55200 · Electricity	194.72	970.45	2,500.00	2,500.00	-1,529.55
55300 · Internet	299.98	749.95	2,000.00	2,000.00	-1,250.05
55400 · Phone	316.84	793.61	2,400.00	2,400.00	-1,606.39
55500 · Water/Garbage	350.70	933.46	2,300.00	2,300.00	-1,366.54
Total 55000 · Utilities	1,162.24	3,447.47	9,200.00	9,200.00	-5,752.53
Total Expense	49,498.58	285,342.97	830,203.00	830,203.00	-544,860.03
Net Ordinary Income	2,979.85	420,992.09	-35,000.00	-35,000.00	455,992.09
Other Income/Expense					
Other Income					
61050 · Reserve Funds from Prior Years	0.00	0.00	35,000.00	35,000.00	-35,000.00
Total Other Income	0.00	0.00	35,000.00	35,000.00	-35,000.00
Net Other Income	0.00	0.00	35,000.00	35,000.00	-35,000.00

Net Income

Mar 21	Oct '20 - 'Mar 21	FY21 Original Budget	FY21 Amended Budget	\$ Over Budget
<u>2,979.85</u>	<u>420,992.09</u>	<u>0.00</u>	<u>0.00</u>	<u>420,992.09</u>

Clearwater Underground Water Conservation Profit & Loss Detail March 2021

04/08/21

Accrual Basis

Type	Date	Num	Name	Memo	Amount	Balance
Ordinary Income/Expense						
Income						
40005 · Application Fee Income						
Invoice	03/05/2021	138	Kelly Carter	Permit Applic...	200.00	200.00
Invoice	03/15/2021	140	7KX	Permit Applic...	5,000.00	5,200.00
Invoice	03/30/2021	139	Denea Reaves	Permit Applic...	200.00	5,400.00
Total 40005 · Application Fee Income					5,400.00	5,400.00
40010 · Bell CAD Current Year Tax						
Deposit	03/03/2021			Deposit	94.25	94.25
Deposit	03/03/2021			Deposit	-1.84	92.41
Deposit	03/03/2021			Deposit	48,972.84	49,065.25
Deposit	03/03/2021			Deposit	10.42	49,075.67
Deposit	03/03/2021			Deposit	-2,462.57	46,613.10
Total 40010 · Bell CAD Current Year Tax					46,613.10	46,613.10
40015 · Bell CAD Deliquent Tax						
Deposit	03/03/2021			Deposit	2.94	2.94
Deposit	03/03/2021			Deposit	-3.72	-0.78
Deposit	03/03/2021			Deposit	747.20	746.42
Deposit	03/03/2021			Deposit	-340.09	406.33
Total 40015 · Bell CAD Deliquent Tax					406.33	406.33
40020 · Interest Income						
Deposit	03/31/2021			Deposit	49.07	49.07
Deposit	03/31/2021			Deposit	9.93	59.00
Total 40020 · Interest Income					59.00	59.00
Total Income					52,478.43	52,478.43
Gross Profit					52,478.43	52,478.43
Expense						
50000 · Administrative Expenses						
50400 · Director Fees						
50405 · At Large						
Bill	03/26/2021	Mar2021	David Cole	Board Mtg - ...	150.00	150.00
Total 50405 · At Large					150.00	150.00
50415 · Pct. 2						
Bill	03/26/2021	Mar2021	Gary Young	Board Mtg - ...	150.00	150.00
Total 50415 · Pct. 2					150.00	150.00
50420 · Pct. 3						
Bill	03/26/2021	Mar2021	Jody Williams	Board Mtg - ...	150.00	150.00
Total 50420 · Pct. 3					150.00	150.00
Total 50400 · Director Fees					450.00	450.00
Total 50000 · Administrative Expenses					450.00	450.00
52000 · Salary Costs						
52005 · Administrative Assistant						
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	4,093.67	4,093.67
Total 52005 · Administrative Assistant					4,093.67	4,093.67
52010 · Educational Coord/Support Tech						
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	3,333.48	3,333.48
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	151.52	3,485.00
Total 52010 · Educational Coord/Support Tech					3,485.00	3,485.00

Clearwater Underground Water Conservation Profit & Loss Detail March 2021

04/08/21

Accrual Basis

Type	Date	Num	Name	Memo	Amount	Balance
52015 · Manager						
Paycheck	03/30/2021	DD1284	Richard E Aaron	Direct Deposit	6,990.67	6,990.67
Total 52015 · Manager					6,990.67	6,990.67
52025 · Office Assistant/Field Tech						
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	3,400.00	3,400.00
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	0.00	3,400.00
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	0.00	3,400.00
Total 52025 · Office Assistant/Field Tech					3,400.00	3,400.00
52040 · Health Insurance						
Check	03/26/2021	Mar21-SWHP	Scott & White Health Pl...	Employee he...	2,464.08	2,464.08
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	500.00	2,964.08
Paycheck	03/30/2021	DD1284	Richard E Aaron	Direct Deposit	500.00	3,464.08
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	-628.34	2,835.74
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	1,219.72	4,055.46
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	-1,219.72	2,835.74
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	0.00	2,835.74
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	616.02	3,451.76
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	-616.02	2,835.74
Total 52040 · Health Insurance					2,835.74	2,835.74
52045 · Payroll Taxes & Work Comp						
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	241.80	241.80
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	56.55	298.35
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	19.20	317.55
Paycheck	03/30/2021	DD1284	Richard E Aaron	Direct Deposit	464.42	781.97
Paycheck	03/30/2021	DD1284	Richard E Aaron	Direct Deposit	108.61	890.58
Paycheck	03/30/2021	DD1284	Richard E Aaron	Direct Deposit	0.00	890.58
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	214.85	1,105.43
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	50.25	1,155.68
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	13.00	1,168.68
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	216.07	1,384.75
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	50.53	1,435.28
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	32.48	1,467.76
Total 52045 · Payroll Taxes & Work Comp					1,467.76	1,467.76
52050 · Retirement						
Paycheck	03/30/2021	DD1283	Corey C Dawson	Direct Deposit	175.50	175.50
Paycheck	03/30/2021	DD1284	Richard E Aaron	Direct Deposit	337.08	512.58
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	122.81	635.39
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	104.55	739.94
Total 52050 · Retirement					739.94	739.94
52055 · Payroll Expenses						
Bill	03/09/2021		Card Service Center	payroll fee	8.66	8.66
Total 52055 · Payroll Expenses					8.66	8.66
52060 · Freshbenies						
Check	03/04/2021	Mar21-TS	New Benefits Ltd - Fres...	Tristin Smith	18.00	18.00
Check	03/04/2021	Mar21-SC	New Benefits Ltd - Fres...	Shelly Chap...	18.00	36.00
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	18.00	54.00
Paycheck	03/30/2021	DD1285	Shelly Chapman	Direct Deposit	-18.00	36.00
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	18.00	54.00
Paycheck	03/30/2021	DD1286	Tristin S Smith	Direct Deposit	-18.00	36.00
Total 52060 · Freshbenies					36.00	36.00
Total 52000 · Salary Costs					23,057.44	23,057.44

Clearwater Underground Water Conservation Profit & Loss Detail March 2021

04/08/21

Accrual Basis

Type	Date	Num	Name	Memo	Amount	Balance
			53000 · Operating Expenses			
			53030 · Appraisal District			
Bill	03/09/2021	3rd Qtr	Tax Appraisal District - ...	3rd Qtr	1,974.50	1,974.50
			Total 53030 · Appraisal District		1,974.50	1,974.50
			53100 · Clearwater Studies			
			53105 · Trinity Studies			
			53105.6 · Water Quality Studies			
Bill	03/26/2021	90877418	USGS	Bill # 90877418	12,525.00	12,525.00
			Total 53105.6 · Water Quality Studies		12,525.00	12,525.00
			Total 53105 · Trinity Studies		12,525.00	12,525.00
			Total 53100 · Clearwater Studies		12,525.00	12,525.00
			53300 · Computer Consulting			
			53305 · Enhancements - Data Base			
Bill	03/26/2021	Inv 10048270	Half Associates, Inc	Inv 10048270	1,000.00	1,000.00
			Total 53305 · Enhancements - Data Base		1,000.00	1,000.00
			53315 · IT Network Sustainment			
Bill	03/09/2021	Inv 17181	Engineer Austin, LLC	Inv 17181	450.00	450.00
			Total 53315 · IT Network Sustainment		450.00	450.00
			Total 53300 · Computer Consulting		1,450.00	1,450.00
			53550 · Copier/Scanner/Plotter			
Bill	03/09/2021	Inv 0127653...	Xerox	Inv 012765359	486.56	486.56
			Total 53550 · Copier/Scanner/Plotter		486.56	486.56
			53600 · Educational Outreach/Marketing			
			53605 · Event Cost			
Bill	03/09/2021		Card Service Center	GoToMtg fee	5.39	5.39
			Total 53605 · Event Cost		5.39	5.39
			Total 53600 · Educational Outreach/Marketing		5.39	5.39
			53700 · Legal			
			53703 · General (rules/accountability)			
Bill	03/09/2021	Inv 97519622	Lloyd Gosselink Attorne...	Inv 97519622	1,772.00	1,772.00
			Total 53703 · General (rules/accountability)		1,772.00	1,772.00
			53705 · Legislative Services			
Bill	03/09/2021	Inv 97519667	Lloyd Gosselink Attorne...	Inv 97519667	5,000.00	5,000.00
			Total 53705 · Legislative Services		5,000.00	5,000.00
			Total 53700 · Legal		6,772.00	6,772.00
			53720 · Office Supplies			
Bill	03/09/2021	Inv IN-1423...	Perry Office Plus	Inv IN-1423024	290.09	290.09
Bill	03/09/2021		Card Service Center	includes late ...	261.92	552.01
Bill	03/26/2021	Inv IN-1425...	Perry Office Plus	Inv IN-1425019	213.88	765.89
			Total 53720 · Office Supplies		765.89	765.89
			53740 · Postage			
Bill	03/09/2021		Card Service Center	certified mail ...	63.00	63.00
			Total 53740 · Postage		63.00	63.00

Clearwater Underground Water Conservation
Profit & Loss Detail
March 2021

04/08/21

Accrual Basis

Type	Date	Num	Name	Memo	Amount	Balance
		53790 · Vehicle Expense				
Bill	03/09/2021	Feb2021	CEFCO	Acct CE0DR	99.46	99.46
		Total 53790 · Vehicle Expense			99.46	99.46
		Total 53000 · Operating Expenses			24,141.80	24,141.80
		54000 · Facility Costs				
		54200 · Building Repairs/Maintenance				
Bill	03/09/2021	Inv 29194	Hartman ABC Pest Con...	Inv 29194	100.00	100.00
		Total 54200 · Building Repairs/Maintenance			100.00	100.00
		54300 · Janitorial Service				
Bill	03/26/2021	Mar2021	Andrea Matl	March 2021	300.00	300.00
		Total 54300 · Janitorial Service			300.00	300.00
		54400 · Janitorial Supplies				
Bill	03/09/2021		Card Service Center	cleaning sup...	102.10	102.10
		Total 54400 · Janitorial Supplies			102.10	102.10
		54500 · Lawn Maintenance/Service				
Bill	03/26/2021	Inv 19501	Greeson Lawn Services...	Inv 19501	185.00	185.00
		Total 54500 · Lawn Maintenance/Service			185.00	185.00
		Total 54000 · Facility Costs			687.10	687.10
		55000 · Utilities				
		55200 · Electricity				
Bill	03/26/2021	B2103190311	AmeriPower	Inv B210319...	194.72	194.72
		Total 55200 · Electricity			194.72	194.72
		55300 · Internet				
Bill	03/09/2021	Inv 0192419...	Spectrum	Inv 01924190...	149.99	149.99
Bill	03/09/2021		Card Service Center	Paid via CC ...	149.99	299.98
		Total 55300 · Internet			299.98	299.98
		55400 · Phone				
Bill	03/09/2021	Inv 0192419...	Spectrum	Inv 01924190...	158.23	158.23
Bill	03/09/2021		Card Service Center	Paid via CC ...	158.61	316.84
		Total 55400 · Phone			316.84	316.84
		55500 · Water/Garbage				
Bill	03/09/2021		City of Belton		193.96	193.96
Bill	03/09/2021		Card Service Center	Paid via CC ...	156.74	350.70
		Total 55500 · Water/Garbage			350.70	350.70
		Total 55000 · Utilities			1,162.24	1,162.24
		Total Expense			49,498.58	49,498.58
		Net Ordinary Income			2,979.85	2,979.85
		Net Income			2,979.85	2,979.85

Clearwater Underground Water Conservation
A/P Aging Detail
As of April 7, 2021

<u>Type</u>	<u>Date</u>	<u>Num</u>	<u>Name</u>	<u>Due Date</u>	<u>Aging</u>	<u>Open Balance</u>
Current						
Total Current						
1 - 30						
Total 1 - 30						
31 - 60						
Total 31 - 60						
61 - 90						
Total 61 - 90						
> 90						
Total > 90						<hr/>
TOTAL						<hr/> <hr/>

Investment Fund - Item #5

TexPool Participant Services
 1001 Texas Avenue, Suite 1150
 Houston, TX 77022



Summary Statement

CLEARWATER UNDERGROUND WCD
 ATTN DIRK AARON
 PO BOX 1989
 BELTON TX 76513-5989

Statement Period 03/01/2021 - 03/31/2021
 Customer Service 1-866-TEX-POOL
 Location ID 000079358

GENERAL FUND - 07935800001

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance	Average Balance
TexPool	\$594,356.35	\$43,000.00	-\$25,000.00	\$9.93	\$612,366.28	\$625,937.32
TexPool Prime	\$599,668.15	\$43,000.00	-\$25,000.00	\$49.07	\$617,717.22	\$632,056.83
Total Dollar Value	\$1,194,024.50	\$86,000.00	-\$50,000.00	\$59.00	\$1,230,083.50	

ACCOUNT TOTALS

Pool Name	Beginning Balance	Total Deposit	Total Withdrawal	Total Interest	Current Balance
TexPool	\$594,356.35 ✓	\$43,000.00 ✓	-\$25,000.00 ✓	\$9.93 ✓	\$612,366.28 ✓
TexPool Prime	\$599,668.15 ✓	\$43,000.00 ✓	-\$25,000.00 ✓	\$49.07 ✓	\$617,717.22 ✓
Total Dollar Value	\$1,194,024.50	\$86,000.00	-\$50,000.00	\$59.00	\$1,230,083.50

✓
 4/17/2021
 SEC

**Clearwater Underground Water Conservation
 Reconciliation Summary
 10505 · Cash - TexPool, Period Ending 03/31/2021**

	Mar 31, 21	
Beginning Balance		594,356.35
Cleared Transactions		
Checks and Payments - 1 item	-25,000.00	
Deposits and Credits - 2 items	43,009.93	
	18,009.93	
Cleared Balance		612,366.28
Register Balance as of 03/31/2021		612,366.28
Ending Balance		612,366.28

2:20 PM

04/08/21

**Clearwater Underground Water Conservation
Reconciliation Summary**
10500 · Cash-TexPool Prime, Period Ending 03/31/2021

	<u>Mar 31, 21</u>
Beginning Balance	599,668.15
Cleared Transactions	
Checks and Payments - 1 item	-25,000.00
Deposits and Credits - 2 items	43,049.07
Total Cleared Transactions	<u>18,049.07</u>
Cleared Balance	<u>617,717.22</u>
Register Balance as of 03/31/2021	617,717.22
Ending Balance	617,717.22

Employee Retirement - Item #6

Welcome back, [Shelly Chapman](#) | [Change Q & A](#) | [Change Password](#)

[Plan Administration](#)

[Reporting](#)

Plan Name:

CLEARWATER UNDERGROUND WATER CONSERVATION DISTRICT 457 PLAN

As of **04/07/2021**

[Participant Search](#)

[Plan Information](#)

Plan ID: 613759000

Plan Type: 457

[Summary](#)

[Calendar](#)

[Payroll](#)

[Participants](#)

[Loans](#)

[Withdrawals](#)

[Financials](#)

[Plan Information](#)

As of:

04/07/2021

Balances:

\$157,805.65

YTD Contributions:

\$6,602.96

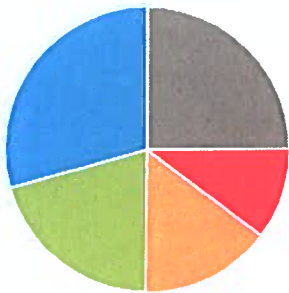
Participants

5

[Plan Assets](#)

[Participation In Plan](#)

View: [Asset Class](#)



Asset Class

- Stable Value
29.35%
- Large Cap
20.56%
- Small Cap
14.87%
- Mid Cap
10.32%
- Other
24.90%

Total Balance:

\$157,805.65

3:48 PM

04/08/21

Clearwater Underground Water Conservation
All Payments Issued for Security Benefit
December 2020 through March 2021

Type	Num	Date	Amount
Dec '20 - Mar 21			
Liability Check	4058	12/29/2020	910.80
Liability Check	4059	12/29/2020	739.94
Liability Check	4099	01/27/2021	1,650.74
Liability Check	4103	02/24/2021	1,650.74
Liability Check	4138	03/25/2021	1,650.74
			<hr/>
Dec '20 - Mar 21			6,602.96
			<hr/> <hr/>

Professional Geo-Science Services
Item #9

**Workshop
April 14, 2021**

**Agenda Item No: 9
Professional GEO-Science Services**

Agenda Item:

Discuss, consider, and take appropriate action if necessary, to approve Professional Geo-Services including but not limited to District Joint Planning in Groundwater Management Area 8 technical evaluation, GAM runs and CUWCD Modified GAM updates.

Narrative: Currently the District has professional geo-science services with LRE Water, Allan Standen, and WSP. January 9, 2021 the district was notified that by WSP that James Beach was no longer with the firm (see attached notice).

Talking points related to Geo-Science Relationships with Allan Standon and WSP

- Fact 1: The District has worked with James Beach (formerly LBG Guyton) since 2014.
- Fact 2: The District worked annually with James Beach receive general guidance on all GMA8 technical guidance and specific GAM runs.
- Fact 3: The District hired James Beach and his team to build a modified GAM (CUWCD GAM) for the purpose of having a bookend engineered understanding of sight specific evaluation of permits.
- Fact 4: The District contracted with James Beach (while at WSP) for a scope and budget to actively participate in the update of the northern segment of the Edwards BFZ with TWDB. Cost was not to exceed \$45,000 in FY21.
- Fact 5: The District GM and Mike Gershon (on January 21, 2021) notified WSP of the districts desire to address the District's contract with WSP and James Beach's recent departure from WSP. Because of the District's long-term relationship with Mr. Beach and expectation that Mr. Beach would be managing and directly involved with the proposed WSP contract work. At that time the notice advised WSP not to proceed with any work or incur any expenses under the contract.
- Fact 6: The WSP scope of work set of \$45,000 (not to exceed) has not been utilized for the scope of work intended to support TWDB's efforts to update the Northern Segment of the Edwards BFZ GAM. TWDB has not conducted nor asked for participation in the project. See update in the attached email from Larry French.

Staff Recommendation:

GM has asked both James Beach, Advanced Groundwater Solutions, LLC and Rohit Goswami, WSP Lead Engineer to provide the board proposals on geoscience consulting services thus allowing the board to guide the GM and staff on which firm to continue the above prescribed professional services and negotiate the needs based the attached.

WSP Notification to CUWCD

Dirk Aaron

From: Goswami, Rohit <Rohit.Goswami@wsp.com>
Sent: Saturday, January 9, 2021 8:32 AM
To: Dirk Aaron
Subject: Important news from WSP

External Email

Dear Dirk,

I am writing to advise you that this week **James Beach resigned from WSP** and is no longer with the firm. I have been named as the interim manager for WSP's Texas groundwater practice, reporting directly to WSP's Texas District Leader, Doug Calhoun and our national water group leader, Karen Block.

I want to assure you that WSP's work for you will continue to be delivered at the highest quality. We will continue to meet the project obligations and exceed your expectations. Our management and technical team at WSP have had the pleasure of working with your group for years and would like to continue being your trusted consultant on all things related to water.

Currently, the WSP team is leading the work on two high profile TWDB research projects: 1. Recharge in Central Texas area, the methodology from which may be applied across Texas in the near future, and 2. Class II injection well buffer zone, which is the first in its class study in the nation and perhaps worldwide to look at the impact of Class II injection wells on a regional scale. Also, as subconsultant to LRE, we are supporting TWDB on a project to deliver pumping analysis for Central Texas aquifers, the methodology from which again may be used across Texas.

I'm confident that the project expertise and experience of WSP will serve you well and help fulfill your goals as we all move forward to secure a better water future for Texas.

I would welcome the opportunity to discuss our team and ensure we are meeting your needs. Please let me know a convenient time to discuss our team and how we can help you achieve your future goals.

Thank you

Rohit R. Goswami, Ph.D., P.E.

Water & Environment



Phone: +1 737-703-3891

E-mail: rohit.goswami@wsp.com

WSP USA

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Dirk Aaron

From: Goswami, Rohit <Rohit.Goswami@wsp.com>
Sent: Friday, January 15, 2021 9:23 AM
To: Dirk Aaron
Cc: Herrera, Jennifer
Subject: Important information
Attachments: WSP_TX_W&E_staff.pdf

Importance: High

External Email

[WSP USA | Confidential]

Dear Dirk,

As you are already aware that last week **James Beach resigned from WSP** and is no longer with the firm. I have been named as the interim manager for WSP's Texas groundwater practice, reporting directly to WSP's Texas District Leader, Doug Calhoun, and National Water Group Leader, Karen Block.

I want to assure you that WSP's work for you will continue to be delivered to the highest quality. We will continue to meet the project obligations and strive to exceed your expectations. Our management and technical team at WSP have had the pleasure of working with you and your group for years and would like to continue being your trusted consultant on all things related to water.

Currently, the WSP team is leading the work on two high profile TWDB research projects including: (1) Recharge in the Central Texas area, the methodology from which may be applied across Texas in the near future, and (2) Class II injection well buffer zones, which is the first in its class study in the nation and perhaps worldwide to look at the impact of Class II injection wells on a regional scale. Also, as subconsultant to LRE, we are supporting TWDB on a project to deliver pumping analysis for Central Texas aquifers, the methodology from which again may be used across Texas.

I have over 12 years of experience in the groundwater industry including 4 years in the groundwater modeling team at the Texas Water Development Board. Our senior groundwater team remains strong with unparalleled experience including **Tyler Davidson** with over 20 years of experience in public water supply well design, construction, and rehabilitation; local and regional groundwater availability studies; hydrologic and water quality studies for municipalities, the Edwards Aquifer Authority, and the Texas Water Development Board, and industrial clients; and in the development and use of various Texas regional groundwater availability models. **Bill Stein** has 34 years of experience as a hydrogeologist specializing in well design, construction, testing, groundwater quality and availability evaluations. **Brad Cross** has worked with groundwater conservation districts since 1986 and has over 40 years of experience with public water supply and underground injection control. **Jennifer Herrera** has 8 years of experience working with the State's regional water planning process and more than 4 years in project accounting and management. **Scott Manahan** is a professional engineer with over three decades of experience in wellfield design, injection well design and permitting, and water supply development. **Dr. Robert Maliva** has 31 years of professional experience focusing on conventional and alternative water supplies development, managed aquifer recharge, and injection well design and permitting. Please see attached resumes of several of our key staff.

As we all move forward to secure a better water future for Texas, I'm confident that the project expertise and experience of WSP will serve you well and help fulfill your goals.

WSP would welcome the opportunity to discuss our team and ensure we are meeting your needs. Please let me know when it might be convenient to discuss our team and how we can help you achieve your future goals.

Thank you

Rohit R. Goswami, Ph.D., P.E.

Water & Environment



Phone: +1 737-703-3891

E-mail: rohit.goswami@wsp.com

WSP USA

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CUWCD Notification to WSP

January 21, 2021

Ms. Jennifer K. Herrera, Texas District Operations Director
Rohit R. Goswami, Ph.D., P.E., Texas Groundwater Practice Interim Manager
WSP USA
1601 S. MoPac Expressway, Suite 325D
Austin, Texas 78746

Re: Clearwater Underground Water Conservation District

Dear Ms. Herrera and Dr. Goswami:

I represent and serve as General Counsel for Clearwater Underground Water Conservation District. I write this letter to address the District's contract with WSP and James Beach's recent departure from WSP. Because of the District's long-term relationship with Mr. Beach and expectation that Mr. Beach would be managing and directly involved with the proposed WSP contract work, the District needs to consider how best to proceed with this important work.

Please do not proceed with any work or incur any expenses under the contract unless you receive a notice to proceed from the District. I will be in touch with you about the District's intention with the contract.

Thank you.

Sincerely,



Michael A. Gershon
Principal and Shareholder of the firm
General Counsel for Clearwater
Underground Water Conservation District

MAG/dsr
8186787

cc: Leland Gersbach, C.P.A., Board President
Mr. Dirk Aaron, General Manager
Clearwater Underground Water Conservation District

Dirk Aaron

From: Dirk Aaron
Sent: Saturday, January 23, 2021 11:05 AM
To: Rohit.Goswami@wsp.com
Cc: Mike Gershon
Subject: Billing

Rohit,

Hope all is well.

Based on the directive of our board, per Mike Gershon's communication to you and Jennifer, we would like all billings thus far in **FY2021 to be sent to our office prior to February 1st**. You had discussed you have a negligible amount of time of professional time that you would be billing us on the Edwards GAM work thus please send those bills asap.

Thanks,
Dirk Aaron
General Manager
Clearwater Underground Water Conservation District
daaron@cuwcd.org
<http://www.cuwcd.org>
254-933-0120 office
254-534-4047 cell
254-933-8396 fax



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A "REPLY TO ALL" OF THIS EMAIL COULD LEAD TO VIOLATIONS OF THE TEXAS OPEN MEETINGS ACT. PLEASE REPLY ONLY TO LEGAL COUNSEL.

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Dirk Aaron

From: Goswami, Rohit <Rohit.Goswami@wsp.com>
Sent: Thursday, March 25, 2021 11:54 AM
To: Dirk Aaron
Cc: Herrera, Jennifer
Subject: Last Invoice on the project (31402492)

External Email

Hi Dirk,

As discussed today I've obtained details on our last invoice for our 2020 consulting project with Clearwater UWCD. It was invoice #1022717 for \$825.00, issued on January 7, 2021 and paid by Clearwater UWCD. **We do not have any remaining outstanding billable amount with Clearwater UWCD.**

Thank you

Rohit R. Goswami, Ph.D., P.E.

Lead Engineer

Water & Environment



Phone: +1 737-703-3891

Cell: +1 561-613-3627

E-mail: rohit.goswami@wsp.com

WSP USA

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WSP's Team Qualifications



JENNIFER K. HERRERA

Texas District Operations Director



Years with the firm

8

Professional qualifications

B.S., Environmental Science and Water Resources

Areas of practice

Water-supply evaluations, Water-resources management planning, Local Project Operations Manager (LPOM) Texas District Operations Director

Languages

English

CAREER SUMMARY

Jennifer Herrera has a wide range of experience with water-supply evaluations and water-resource management planning. She is an Environmental Scientist and the Texas District Operations Director at WSP USA. She is the lead consultant and project manager for two of the 16 water-planning regions in Texas designated by Senate Bill 1. She is a sub-consultant in four additional water-planning regions state-wide. She has authored and co-authored various chapters of the regional water management plans for six of the State's 16 planning regions. Her recent accomplishments include the development of two successful regional water plans during the fifth round of planning that have been both approved and adopted by the planning group members and the Texas Water Development Board (TWDB). In addition, she has authored the Plateau Region 2016 County Summary report, along with an economic Market Analysis report for a private landowner in west Texas. She has also assisted in the development of the 2021 El Paso Water Utilities Integrated Water Management Plan and co-authored several Groundwater Management Area (GMA) Explanatory Reports required by Texas statute.

Her water planning experience includes assessment of available groundwater supplies to meet short- and long-term water needs, evaluation of population and water demand both current and projected, evaluation of current water supplies, identification of water shortages, development of water management strategies and drought contingency water-supply strategies, data entry and use of the TWDB water resource planning database, GIS applications, public interaction and report preparation. She has experience in municipal water-supply development and groundwater conservation district activities, including the development of various management plans.

EDUCATION

B.S., Geography – Environmental Science and Water Resources, Texas State University, San Marcos, Texas 2013

PROFESSIONAL EXPERIENCE

Water Resources

- Project Tasks for Regions E, J, F, A, D, and I, included description and quantification of groundwater resources, evaluation of current and projected water supply and demand, identification of critical groundwater areas, development of water management strategies, development of a water supply plan, use of TWDB GAMs to assess groundwater availability, use of the TWDB Unified Costing Model Tool to calculate project infrastructure costs, environmental impact assessments of projects, public interaction and presentations, and report preparation. Working with the RWPGs in these projects helped to identify regional groundwater concerns and strategies to meet future demand.
- **Far West Texas (Region E), Plateau Region (Region J) and Northeast Texas (Region D) Water Planning** - In addition to the above project tasks, Jennifer authored the drought and water management strategy chapters of the 2021 Regional Water Plans. These chapters involved collection of all municipal drought contingency plans, surveyed, identified and assessed triggers and actions for emergency responses to local drought conditions, identification of projected municipal water shortages, assessment of potentially feasible water management strategies, and development of viable water projects. These tasks were completed in order to develop the region-specific model drought contingency plan, and to



JENNIFER K. HERRERA

Texas District Operations Director

identify potential water supplies that may be considered for temporary emergency use. Additionally, water management strategies were developed and evaluated for all water user groups that were identified with an immediate or projected water supply shortage. Jennifer worked closely with members of each of the planning groups, city managers and utility managers to develop the plans.

- **Panhandle (Region A) and Region F Water Planning** - In addition to the above project tasks, she co-authored the drought chapter of the 2021 Regional Water Plan which identified the existing and potential emergency interconnections and the emergency responses to local drought conditions. This involved collecting information on existing major water infrastructure facilities that may be used in an emergency water shortage. For water users where an emergency interconnect was not feasible, alternative sources were identified. Jennifer worked closely with city and utility managers to develop the plans.

Specific Experience Working with Groundwater Management Areas (GMA's)

- **Groundwater Management Area 12 Joint Planning (GMA-12)** - Jennifer assisted in the development of the desired future conditions explanatory report for GMA-12, to be submitted to the TWDB according to Texas Water Code § 36.108 (d-3). Requirements of the explanatory report include nine factors that need to be identified and discussed. Jennifer authored the section regarding socioeconomic impacts that are reasonably expected to occur. This task included the assessment of all water supplies and demands over the 50-year planning horizon to look at the socioeconomic impacts of not meeting water shortages in GMA-12, evaluation of available water supplies and potentially feasible water management strategies, production costs, reduction in groundwater supply and multiple other socioeconomic impacts that could potentially have either a negative or positive impact on the adopted desired future conditions set for the major and minor aquifers within GAM-12. In addition, extensive survey work was conducted to obtain stakeholder input from across GMA-12's geographical boundaries from a wide variety of interest groups to support this requirement of the explanatory report.
- **Groundwater Management Area 8 Joint Planning (GMA-8)** - Jennifer assisted in the scientific and technical analysis of the desired future conditions (DFC's) for GMA-8, as part of the joint-planning process required by Texas Administrative Code § 356.41(b). This task included the collection and evaluation of all available groundwater for each district within the GMA boundary. This evaluation required the assessment of the TWDB database and all groundwater conservation management plans within the GMA. Information was then provided to other team members for the evaluation of various pumping scenarios using multiple model simulations.

In addition, Jennifer co-authored and assisted in the development of the 2017 management plans for Red River Groundwater Conservation District (GCD) and North Texas GCD required by Texas Administrative Code § 356.52(c). Tasks included updating all tables, graphs, and maps based on current estimated historical water use and 2017 State Water Plan datasets. This required evaluation of current and future water demands for all water-use categories, evaluation of population data, assessment of available water supplies and identification of feasible management strategies to meet both long- and short-term identified water supply needs. In addition, improvements and updates were developed to the district's management goals and performance standards. Jennifer worked closely with other team members to prepare the final reports.



ROHIT R. GOSWAMI, Ph.D., P.E.

Lead Engineer



Years with the firm

1+

Years total

12

Professional qualifications

Professional Engineer, 2015 (Texas PE #123986)

Areas of practice

Hydrogeology; Groundwater Modeling; Mine Dewatering; Environmental (ESA I/II/III); Contaminant Fate and Transport; Water Resources

CAREER SUMMARY

Dr. Goswami is a lead engineer with over 12 years of experience as a project manager, technical lead, and technical reviewer on various hydrogeological, hydrological, and environmental projects for industrial, federal, commercial, and municipal clients. His project experience includes environmental data review and analysis for project planning purposes, development of conceptual models for hydrogeologic systems, and construction and simulation of groundwater models to conduct predictive project evaluations, and assisting with regional water planning process in Texas. Additionally, he also has experience in designing water well specifications and managing project contracts for clients. Dr. Goswami also actively presents technical work at industry conferences and serves as a technical reviewer for various leading academic journals.

Rohit's strengths include:

- Hydrogeology: hydrogeological data evaluation, aquifer testing and analysis, conceptual model development, analytical and numerical groundwater flow and transport modeling, vadose zone modeling, calibration of groundwater models, water well design specifications and construction management
- Environmental: hydrological modeling, Water quality evaluation, contaminant fate and transport modeling, hydrogeochemical modeling, environmental site assessment studies, remediation system design and performance monitoring

EDUCATION

Ph.D., Civil Engineering, Auburn University, Auburn, Alabama	2008
M.C.E., Civil Engineering, Auburn University, Auburn, Alabama	2007
B.E., Civil Engineering, Punjab University, Chandigarh, India	2002

ADDITIONAL TRAINING

Groundwater Modeling using MODFLOW 6, IGWMC, Golden, CO	2019
Solver parameters for MODFLOW family of codes, Webinar, GSI	2018
Groundwater modeling using MODFLOW-USG, Webinar, ESI	2016
Integrated modeling using PARFLOW, IGWMC, Golden, CO	2015
Groundwater Modeling, Calibration, and Uncertainty, Tampa, FL	2009
Hydrus 1D/2D/3D Modeling, Auburn University, Auburn, AL	2006
Groundwater modeling using SEAWAT, USGS, FL	2005

PROFESSIONAL MEMBERSHIPS

- American Society of Civil Engineers (ASCE)
- National Ground Water Association (NGWA)



ROHIT R. GOSWAMI, Ph.D., P.E.

Senior Engineer/Groundwater Modeler

PROFESSIONAL EXPERIENCE

- Project Manager and lead investigator on research project funded by the Texas Water Development Board to estimate recharge and groundwater- surface water interactions in Central Texas aquifers. The project is estimated to be completed by the end of 2021.
 - Project Manager and lead investigator on research project funded by the Texas Water Development Board to estimate buffer zones for Class II well injectate across the State. The project is estimated to be completed by the October 2021.
 - Update of an existing model for groundwater availability assessment at a mining site, Eriteria: Modeler responsible for analyzing latest observation data (groundwater levels, pumping) and recalibrating the existing model to improve the predictive ability for groundwater availability.
 - Groundwater Model update for Hill Country Underground Water Conservation District, TX, USA: Lead Modeler responsible for analyzing latest observation data (groundwater levels, streamflow, pumping rates) available since the last model update. The data was incorporated into the previous model and the model was recalibrated using PEST suite of tools to improve the predictive capabilities.
 - Regional Water Planning, RWA: A, E, F, and I: Prepared and reviewed cost estimates for the various water management strategies for the Regional Water Planning Areas A, E, F, and I.
 - Development of Groundwater Model for Confidential Client, Southern portion of GMA 13, TX, USA: Lead Modeler responsible for analyzing latest observation data (groundwater levels, pumping rates) provided by the client. The data was used to update a part of the previous GAM for the region by recalibrating the appropriate model layers in the region of interest.
 - Vadose zone modeling to predict net recharge through evapotranspiration covers for multiple sites, TX, USA: Lead modeler responsible for compilation of observed climatic data, construction of appropriate numerical model using vadose zone codes such as Unsat-H, Hydrus-1D, Shaw, and HELP. Comparing and calibrating the numerical models to obtain convergent and consistent results for submission to clients and state agencies.
 - Groundwater Model for assessment of recoverability of aquifer storage and recovery (ASR) system in FL, USA: Task manager and lead modeler responsible for development of site conceptual model, and construction of a numerical variable-density flow and transport model. Model was calibrated to the available water quality data collected over the past injection and recovery cycles. Future recoverability was predicted based on the calibrated groundwater model.
 - Confidential Client, Groundwater Supply Development, TX, USA: Responsible for preparing and submitting applications to the Texas Commission on Environmental Quality (TCEQ) for operating 18 wells completed in the Simsboro and Carrizo aquifers in Burleson County. The project is expected to deliver 50,000 acre-feet per year of groundwater to the City of San Antonio starting in 2020 via a 142-mile pipeline.
- Conducted regional-scale groundwater modeling using the Groundwater Availability Model (GAM) for the Carrizo-Wilcox Aquifer for pump setting and permitting purposes.
- Multiple aquifer tests during various groundwater development studies in TX, USA: responsible for managing and analyzing multiple aquifer tests at various sites throughout Texas during groundwater development studies. The aquifer tests were analyzed using spreadsheets as well as industry standard software such as Aqtesolv.
 - Canyon Regional Water Authority, Groundwater Supply Development, TX, USA: Responsible for preparing and submitting permit applications to obtain approval from the Texas Commission on Environmental Quality (TCEQ). The project consists of the development of an approximately 10,000 acre-feet per year Carrizo-Wilcox aquifer groundwater supply in Gonzales and Guadalupe Counties for Canyon Regional Water Authority (CRWA) through 15 high-capacity wells.



ROHIT R. GOSWAMI, Ph.D., P.E.

Senior Engineer/Groundwater Modeler

- Sanderson Farms, Groundwater Supply Development, TX, USA: The project consists of installation of up to two production wells in the Trinity aquifers to serve as potable supplies for one large poultry processing facility near the city of Tyler, Texas. Provided services for the drilling contractor selection process and for contract negotiations as well as permitting through the TCEQ. Responsible for preparing well construction specifications, and for preparing and submitting permit applications for the construction approval as well as operation of the groundwater wells.
- Lower Rio Grande Valley Groundwater Transport Model, TX, USA: Monitored the contractor's performance to ensure services conformed to contract requirements. Reviewed contract deliverables and compiled comments on the submitted project deliverables. Monitored budget and authorized payments as per rules and the contract terms.
- Groundwater Availability Modeling (GAM) Technical review, multiple GAMs, TX, USA: Attended project and stakeholder meetings. Reviewed and provided comments on the submitted draft project deliverables on the GAMs for the High Plains Aquifer System, Brazos River Alluvium Aquifer, Capitan Reef Complex Aquifer, Llano Uplift Aquifer System, and Northern Trinity and Woodbine Aquifers.
- Desired Future Condition Review and Estimation of Modeled Available Groundwater for Groundwater Management Areas 1 and 16, TX, USA: Reviewed desired future conditions and simulated the groundwater availability model files. Compiled the model results and generated required tables, charts, and reports for the stakeholders including regional water planning division at the Texas Water Development Board and groundwater conservation districts.
- Groundwater Model Runs and Preparation of Reports in support of Management Plans for Groundwater Conservation Districts, TX, USA: Compiled model simulation results and generated required maps, tables, and reports for various groundwater conservation districts. This included compilation of water budgets as stipulated by the Texas legislature.
- Predictive Modeling using the Updated GAM for the central Queen City, Sparta, and Carrizo-Wilcox aquifers, TX, USA: Translated the pumpage and other boundary condition modules from the current round of desired future conditions and modeled available groundwater for GMA 12 to the recently updated groundwater availability model which uses an unstructured grid and the Modflow-USG code. The results were used to prepare amendment to an existing permit application for a confidential industry client. The results were also shared and discussed with the hydrogeology consultant for GMA 12.
- Multiple slug tests during various environmental assessment studies in FL, USA: responsible for conducting as well as managing and analyzing multiple slug tests at various sites throughout Florida during environmental site assessment studies. The analysis was conducted using customized spreadsheets and industry standard software such as Aqtesolv.
- Multiple Groundwater Transport Models at various sites in Florida for NASA, FL, USA: Task manager and lead modeler responsible for assessment and compilation of analytical results obtained from laboratory, site conceptual model development, and construction of appropriate analytical and numerical contaminant transport models in support of remedial system design and long term monitoring.
- Groundwater Transport Modeling and review for solvent contamination at an industrial site in CA, USA: Lead modeler responsible for reviewing and using an existing numerical contaminant transport model for predictive analysis in a liability litigation case.
- Groundwater Transport Model for metal contamination at an industrial site in Houston, TX, USA: Task manager and lead modeler responsible for assessment and compilation of analytical results obtained from laboratory, site conceptual model development, and construction of a numerical contaminant transport model in support of remedial system design.
- Groundwater Transport Model for multi-species chemicals at an industrial site in MI, USA: Task manager and lead modeler responsible for development of site conceptual model, and construction of



ROHIT R. GOSWAMI, Ph.D., P.E.

Senior Engineer/Groundwater Modeler

a numerical contaminant transport model. Statistical techniques available within the PEST suite of calibration software were used to conduct predictive probability analysis on the efficacy of potential remedial system designs.

- Environmental site assessment studies at various industrial and commercial sites in FL, USA: responsible for conducting as well as managing field site assessment and collection of samples for air, surface water and groundwater quality analysis. Compiled and analyzed laboratory results and prepared reports for submission to attorneys, clients, as well as Florida Department of Environmental Protection (FDEP). Tasks included preparation for deposition in litigation cases of environmental liability.
- Groundwater Model update for assessment of retention pond volume requirement for a power plant in FL, USA: Task manager and lead modeler responsible for analyzing the existing model and the latest field data. Client observed flooding of the retention ponds contrary to predictions made by the existing model. Model was updated based on the available observations and latest predictions used to make modifications to system design in the field.

PUBLICATIONS AND PRESENTATIONS

- **R.R. Goswami**, R. Mace, and M. Alfieri, Whose water is it anyway? CA vs FL vs TX; **2019**, MODFLOW and MORE Conference 2019, Golden, CO. (Conference Presentation)
- **R.R. Goswami**, B. Hutchison, and S. Panday, Do we need fully-coupled variable-density groundwater models to analyze the impact of long-term inland brackish groundwater pumping? Case-study from the Lower Rio Grande Valley, Texas; **2019**, MODFLOW and MORE Conference 2019, Golden, CO. (Conference Poster)
- **R.R. Goswami**, L. French, S. Panday, B. Hutchison, and J. Rumbaugh, Groundwater availability model for the northern portion of the Queen City, Sparta, and Carrizo-Wilcox aquifers; **2017**, Stakeholder Advisory Forum meeting; Corpus Christi, TX (Stakeholder Presentation)
- B. Hutchison, S. Pandey, J. Rumbaugh, S. Schorr, and **R.R. Goswami**, Lower Rio Grande Valley groundwater transport model: predictive simulations; **2017**, Stakeholder Advisory Forum meeting; Weslaco, TX (Stakeholder Presentation)
- B. Hutchison, S. Pandey, J. Rumbaugh, S. Schorr, and **R.R. Goswami**, Lower Rio Grande Valley groundwater transport model: status report; **2017**, Stakeholder Advisory Forum meeting; Weslaco, TX (Stakeholder Presentation)
- B. Hutchison, T. Bailey, **R.R. Goswami**, S. Pandey, J. Rumbaugh, and S. Schorr, Lower Rio Grande Valley groundwater transport model: Stakeholder Advisory Forum #2; **2016**, Stakeholder Advisory Forum meeting; Weslaco, TX (Stakeholder Presentation)
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ROHIT R. GOSWAMI, Ph.D., P.E.

Senior Engineer/Groundwater Modeler

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ROHIT R. GOSWAMI, Ph.D., P.E.

Senior Engineer/Groundwater Modeler

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Senior Engineer/Groundwater Modeler

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WSP's Current Scope of Work



VIA ELECTRONIC MAIL

April 12, 2021

Dear Mr. Aaron:

As requested by you, WSP is submitting this revised proposal (original proposal submitted in November 2020 and attached herewith) for providing previously identified potential groundwater professional services during fiscal year 2021. This revised proposed supersedes our original proposal in totality. Also, Dr. Rohit Goswami, groundwater team lead for WSP in Texas, will be the technical lead and PM for the scope of work described herein.

Our detailed scope and fee schedule are described in detail below.

TASK 1 – SUPPORT FOR TWDB NORTHERN EDWARDS GAM UPDATE

WSP has been assisting Clearwater UWCD in discussing the currently ongoing model update of the Northern segment of the Edwards Aquifer groundwater availability model (GAM). In 2020, WSP initiated discussions with TWDB staff (Mr. Larry French, Director, Groundwater Division and Dr. Ian Jones, Hydrogeologist, GAM team) in conjunction with CUWCD staff on the model update efforts. WSP also assisted CUWCD staff in reviewing the draft conceptual model report and drafting a comment letter submitted to TWDB. At present, the GAM update has reached a stage where the base numerical model has been developed and preliminary calibration simulations are underway. Based on previous discussions with TWDB staff, status of the GAM update, and concerns shared by CUWCD staff, WSP opines that the following subtasks would maximize the value for CUWCD:

1. The DFC for the Northern EBFZ in CUWCD is tied to streamflow conditions in Salado Creek. Therefore, the calibrated groundwater – surface water interactions in the updated model are important to CUWCD. WSP is currently developing estimates of recharge and groundwater-surface water interactions on a TWDB-funded project in the region south of Clearwater UWCD. We propose to apply a similar analysis to Clearwater UWCD with the goal of those estimates being considered by TWDB staff during the model calibration process.
2. Review the draft updated numerical model report and files (containing TWDB draft calibrated model) upon notification of completion. During and after the review of the draft numerical model, assist the district staff in developing comments and recommendations. This effort will include the following:
 - a. Assessing draft model files to evaluate simulated output at selected critical targets in the region of interest
 - b. Simulate one predictive scenario with the draft updated numerical model to evaluate the impact on DFC/MAG. This scenario may be based on the assumptions (drought of record from the 1950s) made in the current DFC model run and will be determined in discussions with district staff.
3. Provide a technical memo and presentation to the district based on the work proposed to be conducted above.

TASK 2 – GENERAL HYDROGEOLOGICAL PROFESSIONAL SERVICES AND PLANNING SUPPORT

WSP has been assisting Clearwater UWCD with general hydrogeological professional services for the past several years including work on the Northern Trinity Woodbine GAM for Clearwater UWCD. Our team has performed modeling and a critical issues analysis for joint planning and the desired future conditions process, hydrogeological and hydrological data processing such as the Clearwater UWCD water level assessment tool, and assistance in evaluation of water well permits. WSP would like the opportunity to continue providing these professional services on as needed basis coordinating with Clearwater UWCD staff including the General Manager, Mr. Dirk Aaron. We will build on our previous work, capitalize on the data we have, and leverage our local & firmwide capabilities in groundwater and general hydrology to perform all necessary tasks effectively.

PROJECT SCHEDULE

WSP can initiate this work upon receipt of a signed contract. Progress on tasks will also be dependent on TWDB schedule and progress.

Project Costs

We will complete this Task 1 on a time and materials basis not to exceed \$25,000. Please note that the reduction in cost is associated with change in scope of the items under Task 1 from the previously submitted proposal. Task 2 will be conducted on a time and materials basis as directed by CUWCD staff. At your request, WSP will develop and submit separate scope & fee for approval before proceeding with Task 2 work.

Terms and Conditions

The services provided pursuant to this proposal shall be governed by the terms and conditions set forth in Enclosure B.

If you have questions concerning this proposal or contract, please contact me at (225) 281-4879. We look forward to working with you on this project.

Sincerely,



Atri Sen, PE, PMP
Senior Director, WSP
Enclosures :

The contents of this proposal have been reviewed and the designee below authorizes WSP to initiate work on the proposed scope of work, in accordance with the project budget and schedule proposed herein. The terms and conditions described herein shall apply to all work performed on this project.

Accepted and agreed to by:

By: _____

Title: _____

Date: _____

Attachment A: Previously submitted Proposal dated November 27, 2020



VIA ELECTRONIC MAIL

November 27, 2020

Dear Mr. Aaron:

Based on the recent approval of the 2021 Budget for Clearwater Underground Conservation District, we are providing a contract for the approved scope items.

TASK 1 – SUPPORT FOR TWDB NORTHERN EDWARDS GAM UPDATE

1. Assist the TWDB staff, during the numerical model construction process, to numerically incorporate recharge, pumping, and groundwater- surface water interactions within the region of interest. Work proposed above to be completed in the remainder of FY2020 will provide critical information for this task.
2. Communicate and assist TWDB staff during the model calibration process. This would include assistance with developing appropriate targets for calibration as well as help to identifying and testing different approaches for calibration which may include the PEST suite of tools.
3. Review the draft updated numerical model report and files (containing TWDB draft calibrated model) upon notification of completion. During and after the review of the draft numerical model, assist the district staff in developing comments and recommendations. This effort will include the following:
 - a. Assessing draft model files to evaluate simulated output at selected critical targets in the region of interest
 - b. Conduct a limited sensitivity analysis on key processes identified within the region of interest in discussions with district staff
 - c. Simulate one predictive scenario with the draft updated numerical model to evaluate the impact on DFC/MAG. This scenario may be based on the assumptions (drought of record from the 1950s) made in the current DFC model run and will be determined in discussions with district staff.
 - d. Simulating an additional predictive scenario to evaluate the DFC/MAG, which may include an analysis of the springflow based DFC metrics within the region of interest
4. Provide a technical memo and presentation to the district based on the work proposed to be conducted above.

PROJECT SCHEDULE

WSP can initiate this work upon receipt of a signed contract. Progress on task will be dependent on TWDB schedule and progress.

Project Costs

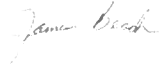
We will complete this Task 1 on a lump sum basis not to exceed \$45,000.00.

Terms and Conditions

The services provided pursuant to this proposal shall be governed by the terms and conditions set forth in Enclosure B.

If you have questions concerning this proposal or contract, please contact me at (512) 501-5563. We look forward to working with you on this project.

Sincerely,



James Beach, P.G.
Senior Supervising Hydrogeologist and Area Manager

Enclosures

The contents of this proposal have been reviewed and the designee below authorizes WSP to initiate work on the proposed scope of work, in accordance with the project budget and schedule proposed herein. The terms and conditions described herein shall apply to all work performed on this project.

Accepted and agreed to by:

By: _____

Title: _____

Date: _____

AGS LLC Team Qualifications



Basic Statement of Qualifications

Advanced Groundwater Solutions, LLC (AGS) specializes in professional groundwater and hydrogeologic consulting. AGS was formed in January 2021 by James Beach, PG and John Nelson, PG, who have worked together professionally for 21 years at their previous firms, LBG-Guyton Associates and WSP. James and John formed AGS as a way of providing specialized professional groundwater consulting service to clients in the groundwater and water industry. Chris Drabek, PG joined the AGS team in February 2021, and brings significant experience working with multiple GCDs in several aquifers across Texas. Additionally, AGS has a subcontract with Brant Konetchy, who is an independent hydrogeologist with programming and modeling skills and experience with the Northern Trinity Woodbine GAM, the Clearwater NTWGAM, and the Clearwater UWCD Water Level Assessment Tool.

James and John have been trusted advisors to their clients since 1989. With advanced degrees and 60 years of combined and complimentary experience, they offer clients broad groundwater expertise. Their clients have included water supply entities, groundwater conservation districts, municipalities, industrial and manufacturing companies, river authorities, utility districts, engineering firms, attorneys, and many other entities.

Services

Services to Groundwater Conservation Districts

- Developing rules and management plans
- Reviewing hydrogeologic reports
- Assessing well spacing and special conditions
- Developing monitoring plans and assessing aquifer conditions
- Modeling, quantitative hydrogeology, Desired Future Conditions
- Permit review and impact analysis
- TWDB GAM use, refinement, and development
- Public and stakeholder interaction and education
- Expert witness for contested case hearings

Hydrogeologic Assessments

- Assimilation of public and commercial hydrogeologic data and logs
- Geophysical and geologic evaluations
- Developing conceptual models for potential groundwater sources
- Evaluating sustainability of groundwater supplies
- Brackish groundwater resource studies
- Assessment of groundwater/surface water interaction
- Field measurements, groundwater sampling, stream flow gauging and tracer tests



Groundwater Availability Studies

- Assimilation of historical aquifer demands, usage, and monitoring data
- Assessing aquifer characteristics and recharge
- Evaluating impacts to aquifer and streams
- Groundwater recharge estimation
- Brackish groundwater studies, development, and modeling
- Evaluation of water level decline in wells and wellfields

Groundwater Modeling and Quantitative Hydrology

- TWDB GAM use and development
- Implementation of field programs to develop data for models
- Construction and validation of groundwater availability models
- Evaluation and modeling of long-term water supplies and wellfields
- Stakeholder education and interaction
- Quantitative assessments for permitting

Groundwater Supply Development and Management

- Assimilation of data to determine feasibility of new sources
- Test drilling programs
- Design, execution, and evaluation of pumping tests
- Well and pump equipment design
- Well specifications and construction oversight
- Assessment of water quality
- Permitting support, regulatory assistance
- Well and pump rehabilitation specifications and construction observation
- Well performance testing and maintenance
- Well field optimization and monitoring
- Aquifer recharge and aquifer storage and recovery (ASR)



Contact Information

PO Box 741
Dripping Springs, TX 78620

Austin: (512) 796-8636 james.beach@advancedgw.com
Houston: (281) 813-9064 john.nelson@advancedgw.com

Coming soon: www.advancedgw.com

AGS LLC
Proposed Scope of Work

VIA ELECTRONIC MAIL

March 31, 2021

Mr. Dirk Aaron
General Manager
Clearwater Underground Water Conservation District
700 Kennedy Court
Belton, Texas 76513
daaron@cuwcd.org

Re: Proposal for 2021 Professional Groundwater Consulting Services

Dear Mr. Aaron:

As you requested, Advanced Groundwater Solutions, LLC (AGS) has developed a proposal regarding potential work with Clearwater Underground Water Conservation District (the District) for consulting services in fiscal year 2021. Below is a description of potential scope items and a fee schedule to complete the project. As needed, and always at your direction, we will complete tasks and projects related to the scope of services identified below.

SCOPE OF SERVICES

Northern Edwards GAM

1. As necessary, possible, and appropriate, assist the TWDB GAM staff during the numerical model construction process, to numerically incorporate recharge, pumping, and groundwater-surface water interactions within the region of interest.
2. Assist TWDB GAM staff during the model calibration process. This would include assisting them in selecting calibration targets and in applying various calibration methodologies.
3. Review the draft updated numerical model report and files (containing TWDB draft calibrated model) upon notification of completion. During and after the review of the draft numerical model, assist the district staff in developing comments and recommendations. This effort will include the following:
 - Assessing draft model files to evaluate simulated output at selected critical targets in the region of interest
 - Simulate one predictive scenario with the draft updated numerical model to evaluate the impact on DFC/MAG.
 - Complete a predictive scenario to assess the springflow based DFC metrics within the region of interest.



- Provide a technical memo and presentation to the district based on the work proposed to be conducted above.

Our not-to-exceed budget to conduct these tasks is \$25,000. Because the process to update the numerical model may be delayed due to unforeseen circumstances, including TWDB schedule, each scope item will be coordinated with district staff throughout the process.

Northern Trinity Woodbine GAM and General Planning

AGS will work on an as needed basis to update the Clearwater NTWGAM and incorporate hydrogeologic data in Bell County. Additionally, we will support the district in any modeling efforts and strategic planning to prepare for joint planning and improvement of science and modeling related to implementing DFCs locally. The scope and budget for this task are on an as needed basis and as directed by the General Manager.

PROJECT SCHEDULE

AGS is prepared to initiate work immediately upon receipt of written authorization to proceed from the District.

TERMS AND CONDITIONS

The services provided pursuant to this proposal shall be governed by the terms and conditions set forth in our standard contract as attached.

PROJECT COSTS

AGS proposes to perform the work on a time and materials plus expenses basis. A copy of our Fee Schedule is attached. Therefore, we recommend that we work closely with you each month to identify AGS involvement in meetings, studies, and other scoped items and seek your verbal approval for work effort, travel, and expenses as needed.

We appreciate the opportunity to work with you and the District on these important issues. Please do not hesitate to contact me at (512) 796-8636 if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads 'James Beach'.

James A. Beach, PG
Principal



The contents of this proposal have been reviewed and the client’s designee below authorizes AGS to initiate work on the proposed scope, in accordance with the project budget and schedule proposed herein. The terms and conditions described herein shall apply to all work performed on this project.

Accepted and agreed to by:

Signature: _____

Name: _____

Title: _____

Date: _____

USFWS Reimbursable Task Order
Item #10

**Board Meeting
April 14, 2021**

**Agenda Item: #10
USFWS, Pete Diaz, Reimbursable Task Order**

Agenda Item: #10

Discuss, consider and take appropriate action if necessary, to approve funding the 2021 USFWS-TXF&W Conservation Office Annual (Pete Diaz) Salado Springs & Salamander Monitoring Program under the Reimbursable Task Order.

Narrative:

Pete Diaz has completed and provided the District his 2020 annual report on March 10, 2021. We have funded his work since 2015 collectively with the Bell Adaptive Management Coalition, yet funds are not available this fiscal year due to the coalition being only CUWCD and Bell County in a focused effort to participate in the SSA Development with USFWS.

Pete's continued monitoring of the "springs" and the associated "spring shed" for population and the relationship of the groundwater flow and water quality is needed even though the future of the Coalition's efforts to produce science is coming to an end. CUWCD has been the repository of all the scientific data as well as has been the local entity navigating access to both springs and wells in the defined area since 2011.

Historically the District anticipated an end to the shared desire of other entities to collectively develop science. It is in the best interest of the District that we fund the scientific efforts each year coupled with our commitment to fund the maintenance and operation of the spring flow gage with USGS. Both efforts allow the district to responsibly manage the Edwards BFZ to the Desired Future Condition as well as our Drought Management Plan for the Edwards BFZ Aquifer.

Staff Recommendation:

We reaffirmed the reimbursable task order for another five years in
Amend the budget necessary to fund the 2021 work at \$22,054.70 per the attached scope of work.

2021 USFWS

Pete Diaz

Scope of Work

Salado Salamander Monitoring Plan

Fiscal Year 2021

Submitted to Dirk Aaron of Clearwater Underground Water Conservation District



By: Peter Diaz
United States Fish and Wildlife Service
Texas Fish and Wildlife Conservation Office
500 East McCarty Lane
San Marcos, TX 78666
(512) 353-0011, ext. 235
Fax (512) 392-0270
Pete_diaz@fws.gov

Background

The Texas Fish and Wildlife Conservation Office (TXFWCO) began monitoring for the Salado salamander in 2015. With closure of the 6th year of monitoring data more information about the salamander is known than in previous years. Based on the data collected from these monitoring events over the course of the last five years, we know that the salamanders:

- are reliably present at most localities although hard to detect
- are at Anderson Spring
- have surface populations that are low ($N < 200$) even at prime sites highlighted by the mark and recapture study at Solana Ranch Spring #1
- can be tracked individually using the head photos based on work from Solana
- associate with cobble and gravel substrates occasionally with *Nasturtium* sp. (watercress) when present
- have a large prey base within the aquifer
- appear to have similar reproduction cycle to the Georgetown and Jollyville salamanders
- tend to maintain fidelity to areas close to the spring origin

For continuing efforts at the springs for Salado salamanders we propose quarterly sampling at the Downtown Complex, Robertson, Solana Ranch, Gault and other locations as they arise. Sampling will consist of active timed searches at the springs, comparable to previous years. Following the active search drift nets should be deployed to passively sample for salamanders and document the aquifer community. Using these two types of sampling techniques maximized the opportunity to document the salamanders at these locations given the small surface populations.

The one caveat to this sampling regime would be if there is a draw-down of the aquifer to where the springs go dry. If this were to occur, then sampling should occur post cessation of flows.

Scope of Work

The TXFWCO proposes to continue monitoring of the salamander populations at the Solana Ranch and within the Salado Springs Complex in Bell County, Texas. Sampling in 2021 will be done **quarterly**. Goals of the monitoring include:

- examine other locations within the complex that salamanders may inhabit
- continuing gathering data on population size
- log habitat association data
- collect data on timing of gravidity
- continue work at the Gault site and other locations
- sample wells using pull nets

Photographic identification of individuals will continue along with injecting captured juvenile salamanders with visible implant elastomer. The TXFWCO has all required permits for monitoring.

Habitat data will include:

- Characterization of the substrate for each site according to a modified Wentworth scale
- Basic water chemistry measurements, including dissolved oxygen, specific conductance, pH, and temperature.
- A measure of water quantity such as spring discharge, stream/pool depth, stream/pool

width, and/or flow rate.

Products

Data collected from this sampling will provide:

- Habitat associations within each site
- Data on where salamander are within the springs
- Data on population shifts over the course of the year and collections for long term dataset
- midterm report
- End of year report
- The duration of the project is from January 1, 2021 to December 31, 2021, to be amended as necessary.

Hours	Daily Cost	Sampling Events	Days	Total		
GS 11	\$410	30		\$12,300.00		
Analysis/Write ups	\$410	15		\$6,150.00		
Total Salaries				\$18,450		
Fuel	Miles	MPG	Gallons	Cost/gal	Cost Per Trip	Number of Trips
Truck	160	10	16	\$3.50	\$56.00	13
Sub-Total						\$728.00
						\$19,178.00
FWS Overhead @ 15%						\$2,876.70
Total						\$22,054.70

2020 USFWS
Reimbursable Agreement

REIMBURSABLE AGREEMENT

Between

U.S. Fish & Wildlife Service, Region 2
Texas Fish and Wildlife Conservation Office
500 East McCarty Lane
San Marcos, TX 78666

and

Clearwater Underground Water Conservation District (Bell County)
PO Box 1989
Belton, TX 76513

1. REIMBURSABLE AGREEMENT RECIPIENT

Texas Fish and Wildlife Conservation Office
500 East McCarty Lane

Recipient Class: Government Agency

2. AUTHORITY

This agreement between the U.S. Department of the Interior, Fish & Wildlife Service (hereinafter referred to as "Service") and Clearwater Underground Water Conservation District (hereinafter referred to as CUWCD) is hereby entered into under the authority of Partnerships for Fish and Wildlife Purposes (16 U.S.C. 661 *et seq.*).

3. PURPOSE

The Clearwater Underground Water Conservation District has requested that the Service's Texas Fish and Wildlife Conservation Office to continue to monitor the spring complex within the Salado area for the listed Salado salamander (*Eurycea Chisholmensis*). The species is endemic to Bell County, and is considered to be a species of management concern to both State and Federal resource agencies. The species has a very restricted geographic distribution and the projected growth along the I-35 corridor is expected to move north to Bell County. Monitoring of the species needs to be continued in order to gather long term data on trends and build a large data set of collections given the small surface populations present within the county.

The objectives are to 1.) The goal of informing and adding to the collective knowledge about this species was successful during the first five years of this program. We have determined habitat associations, a basic understanding of the life cycle, new localities, and basic understanding of the aquifer species present

absence during the duration of the study. To accomplish this, the Conservation Office will implement the following: Salamanders will be monitored quarterly. Using methods established during the first five years of the monitoring program.

4. BACKGROUND

As population density increases and the pursuit of water for industrial and municipality purposes heightens, what is seen by ecologists and land managers is a frequently growing problem for aquatic systems in Texas; a lack of water. In particular perennial spring systems of Texas are at great risk and are being threatened by pumping and transfer of water out of the area. The loss of water during an already intense drought may cause irreversible ecological damage and potentially localized extirpation of endemic spring associated species.

Since the description of the Salado salamander (*Eurycea chisholmensis*) in 2000 only sporadic sampling has occurred, but no systematic or regimented sampling has been undertaken at known locations since. In 2014, the Salado salamander was petitioned for federal listing as threatened under the Endangered Species Act. At that time known sites included springs within the downtown area of the City of Salado along Salado Creek and to the west of I-35 at Robertson Ranch, along with one other site to the south on the Solana Ranch. Hence, a monitoring program was initiated in 2015 to gather basic ecological data on the Salado salamander within the known geographical range at the time and find new locations, thereby expanding the knowledge of the species.

5. SCOPE

The TXFWCO proposes to continue monitoring of the salamander populations at the Solana Ranch and within the Salado Springs Complex in Bell County, Texas. Sampling in 2020 will be done **quarterly**. Goals of the monitoring include:

- examine other locations within the complex that salamanders may inhabit
- continuing gathering data on population size
- log habitat association data
- collect data on timing of gravidity
- develop temperature profiles relating to recharge at the springs
- continue work at the Gault site and other locations
- find wells suitable for sampling

Photographic identification of individuals will continue along with injecting captured juvenile salamanders with visible implant elastomer. The TXFWCO has all required permits for monitoring.

Habitat data will include:

- Characterization of the substrate for each site according to a modified Wentworth scale
- Basic water chemistry measurements, including dissolved oxygen, specific conductance, pH, and temperature.
- A measure of water quantity such as spring discharge, stream/pool depth, stream/pool width, and/or flow rate.
- Temperature profile at certain springs

- A. The Service will: Provide vehicles to transport FWS personnel and equipment between CUWCD study sites; collection equipment; laboratory space, reagents and equipment; software and computers to do analyses; and labor to collect samples, analyze data, and prepare report.
- B. CUWCD will: Provide \$17,448.95 to Service at the start of the project

6. PERIOD OF PERFORMANCE

The overall period of performance of this agreement is a period of 12 months beginning on the date of the last signature below.

7. AWARD AMOUNT

Financial contribution made by CUWCD to carry out this project is \$17,448.95 for the period of performance identified above.

8. BILLING PROCEDURES AND PAYMENT TERMS

CUWCD has provided one payment in the amount of \$17,448.95.

9. MODIFICATIONS TO THE AGREEMENT

This agreement may be modified only by mutual agreement, in writing, by CUWCD and the Service. Such modifications shall not be binding unless they are in writing and signed by personnel authorized to bind each of the parties

10. TERMINATION

Either party may terminate this agreement upon 30 days prior to written notification to the other party. If this agreement should be terminated by the USFWS, its liability shall extend only to the release of its work products and related materials to CUWCD by the termination date. If this agreement should be terminated by CUWCD, its liability shall extend only to payment for the actual and reasonable cost of services rendered and the costs of any non- cancelable obligations incurred in accordance with the terms of this agreement prior to the effective date of terminate.

11. ADMINISTRATIVE OFFICER

A. U.S Fish & Wildlife Service
Stewart Jacks, ARD Fisheries
500 Gold Avenue SW, Room 9100
P.O. Box 1306
Albuquerque, NM 87103-1306
(505) 248-6620
.. Fax: (505) 248-6845
Stewart_Jacks@fws.gov

Clearwater Underground Water
Conservation District
Dirk Aaron, General Manager
Belton Texas 76513
254-933-0120
daaron@cuwcd.org

12. PROJECT OFFICER

A. U.S. Fish & Wildlife Service

Peter Diaz
Texas Fish and Wildlife
Conservation Office
500 East McCarty Lane
San Marcos TX 78666
(512) 353-0011 ext 235
(512) 392-0270
pete_diaz@fws.gov

Clearwater Underground Water
Conservation District
Dirk Aaron, General Manager
Belton Texas 76513
254-933-0120
daaron@cuwcd.org

13. GOVERNANCE

This agreement is entered into pursuant to and under the authority granted by the laws of the United States of America. The provisions of this agreement shall be construed to conform to those laws. It is agreed by the parties that this agreement is neither Federal assistance (i.e., a grant or cooperative agreement) nor a Federal procurement contract as those terms are defined at 41 U.S.C. 6301 - 6308. However, any awards of Federal assistance or procurement made by the Fish and Wildlife Service in connection with this agreement shall conform to the Federal laws and regulations, and Office of Management and Budget circulars, applicable to such actions.

In the event of an inconsistency among the terms of this agreement, or between its terms and any applicable statute or regulation, the inconsistency shall be resolved by giving precedence in the following order:

- A. Applicable Federal statutes and regulations;
- B. Statement of Work (Section 3); then
- C. The remaining provisions of this agreement, including any materials incorporated by reference.

The Service shall also comply fully with all other applicable Federal laws and regulations in completing the work. Any other State, local or tribal laws or regulations known by the requesting party to be applicable to the work of this agreement shall be listed here or in a separate attachment to this agreement:

- Non-discrimination – In carrying out the terms of this Agreement, the Parties agree to comply with Executive Order 99-4 prohibiting discrimination in employment, the provisions of which are incorporated herein by reference.
- Termination for non-availability of funds appropriated or allocated for the payment of such obligation. If funds for the continuance of this Agreement are not allocated or are not available, this Agreement shall terminate automatically on the date of expiration of funding. In the event of such termination, the Parties shall incur no further obligation or liability under this Agreement other than for payment of services rendered prior to the expiration of funding.

In performing this project, the officers and employees of the U.S. Fish and Wildlife Service shall continue to be bound by all ethical laws and rules normally applicable to Federal officers and employees.

14. DISPUTES

The Service: If a dispute should arise between the parties that cannot be settled by their designated Project Managers within 90 days of the first written notice of a dispute, then it will be referred first to the level of the Assistant Regional Director or Division Chief for the Service and to the level of the Chief Financial Officer for CUWCD for further fact-finding and efforts at resolution. If those efforts should fail to achieve resolution within 90 days of referral from the Project Managers, then the dispute will be referred to the Director or Deputy Director of the Service and to the Chief Executive Officer for CUWCD for further fact-finding and efforts at resolution. At any stage, third party mediators or arbitrators may be brought in if agreed by the parties. (The Department of the Interior Office of Hearings and Appeals is available for mediation or arbitration services if requested.) If all reasonable efforts to resolve the dispute should fail, then the matter will be placed before, the Interior Board of Contract Appeals for a final decision. The parties may also decide to terminate this agreement at any stage of the dispute in accordance with the Termination clause herein or by mutual agreement. If the Buyer cancels the agreement, the Seller may collect costs incurred prior to the cancellation of the agreement plus any termination costs.

A. CUWCD: Disputes will be resolved by Texas Government Code chapter 2260.

15. RIGHTS IN DATA

Any research data collected under this agreement shall be jointly owned by the parties to this agreement. Both parties shall have complete and unlimited access to all such data.

16. ALL RELATED UNDERSTANDINGS AND AGREEMENTS CONTAINED HEREIN

The parties intend to include in this agreement and any subsequent written modifications to it all prior and all future understandings or agreements regarding this subject matter. In particular, any understandings or agreements--whether oral or written, currently existing or yet to be made--regarding the subject matter of this agreement but contrary to a plain reading of its terms, shall not be deemed to exist or to bind any of the parties hereto.

17. WAIVER

A failure by either party to exercise its rights under this agreement shall not preclude that party from subsequent exercise of such rights and shall not constitute a waiver of any other rights under this agreement unless stated to be such in a writing signed by an authorized representative of the party to be charged.

18. SEVERABILITY

If any provision of this agreement or any provision of any document incorporated by reference shall be held invalid, such invalidity shall not affect the other provisions of this agreement which can be given effect without the invalid provision, if such remainder conforms to the requirements of applicable law and the fundamental purpose of this agreement, and to this end the provisions of this agreement are declared to be severable

19. ASSIGNMENT

The work to be provided under this agreement, and any claim arising there under, is not assignable or delegable by either party in whole or in part, without the express prior written consent of the other party, which consent shall not be unreasonably withheld:

20. INDEPENDENT CAPACITY

The parties to this agreement are independent entities. The employees or agents of each party who are engaged in the performance of this agreement shall continue to be employees, representatives, or agents, as the case may be, of that party and shall not be considered for any purpose to be employees, representatives, or agents of the other party.

21. NO ENDORSEMENTS IMPLIED ADVANCE APPROVAL OF ADVERTISING

The parties agree that the involvement of the Service in this project shall not be used in any way by the requesting party to imply an endorsement by the Service of the party's actions, products, or services. All advertising or other publicity for the project by either party which mentions the participation of the other party shall first be approved for release by both parties, and approval may be withheld for any reason sufficient to either party. If either party should appear to have violated this clause, the aggrieved party may request the immediate cessation of those actions plus further action to effectively counteract any mistaken impressions in the public mind. If the violating party fails to comply fully with the request, the aggrieved party may unilaterally take any action it considers necessary to correct the mistaken impression and charge the other party for the reasonable costs of that action. Failure to promptly pay those reasonable costs shall be treated as a dispute under the terms of this agreement.

22. PUBLIC INFORMATION

This agreement is subject to the Freedom of Information Act (FOIA). Identify and provide justification for any information contained within this agreement that could cause competitive harm and may therefore be exempt under 5. U.S.C. 552c(4) (confidential business information): None.

23. WARRANTY OF SERVICES

The Service will make every reasonable effort to provide the services and deliverables as described in this agreement. However, as a Federal agency, it cannot provide either an express or implied warranty for its services or products.

24. TAXES

The prices or cost estimates in this agreement are intended to include all applicable Federal, State, and local taxes. The parties understand and agree that the Service is required by law to pay many of these taxes, including Federal taxes. However, the Service will exercise any tax exemptions which are lawfully available to it in the performance of this work.

IN WITNESS WHEREOF, the parties hereto have executed this agreement.

Clearwater Underground Water Conservation

U.S. Fish and Wildlife Service



Digitally signed by L. JACKS
Date: 2020.07.07 10:55:34 -06'00'

Authorized Signature

Authorized Signature

Dirk Aaron, General Manager

Stewart Jacks, FAC ARD

Printed Name and Title

Printed Name and Title

July 7, 2020
Date

July 7, 2020
Date

Subcontract # XXXX

United States Fish and Wildlife Service
Salado Salamander Monitoring

Hours	Daily Cost	Sampling Events	Days				Total
GS 11	\$321	30					\$9,630.00
Analysis/Write ups	\$321		12.65				\$4,062.62
Total Salaries							\$13,693
Fuel	Miles	MPG	Gallons	Cost/gal	Cost Per Trip	Number of Trips	
Truck	160	10	16	\$3.50	\$56.00	13	
							\$728.00
Sub-Total							\$14,420.62
FWS Overhead @ 21%							\$3,028.33
Total							\$17,448.95

Budget Amend - Item #11

**Agenda Item # 11
FY21 Budget Amendments**

**Board Meeting
April 14, 2021**

Agenda Item # 11 :

Discuss, consider, and take appropriate action if necessary, to approve the FY21 line item budget amendments as requested.

Narrative:

The CUWCD Staff requests line item budget amendments for the purpose of:

- Adjusting line item 53120.2 (Reimbursable Order) to cover work to be done by Pete Diaz and US Fish.

This is a simple adjustment between line items.

Vendor	Line Item	Invoice Amount	Available Funds	Amount Requested	New Balance	From	Available Funds	New Balance
US Fish	53120.2 -Reimb. Order		\$0.00	\$22,055.00	\$22,055.00	53110.6-GAM Calibration	\$45,000.00	\$22,945.00

Requested By: Shelly Chapman

Verified By: Dirk Aaron

Board Approved: _____

Amended: Date: _____ By: _____

Recommendation: Staff recommends making the line item adjustments as requested.

Exception to Spacing Requirements
Item #12

**Board Meeting
April 14, 2021**

Agenda Item No: 12
Exception to Spacing Requirements

Agenda Item:

Discuss, consider and take appropriate action if necessary, to approve an exception to setback requirements for the purpose of a replacement well per District Rule 9.5.5(a)(e) for Bruce Whitis, 7899 FM 2843, Salado TX.

Narrative:

Bruce Whitis, representing Whitis Land Investments, submitted an application to the Clearwater Underground Water Conservation District (CUWCD) pursuant to District Rule 9.5.5 on March 26, 2021 for an exception to the District Spacing Rules to authorize drilling of a replacement exempt well for domestic purposes for 17 gpm or 28 ac-ft or 9,125,000 gallons per year with a 2-inch column pipe on the site located at 7899 FM 2843, Salado TX; Latitude 30.914940°, Longitude -97.609648°.

- 1) The district rules require that all wells with 2-inch or less column pipe be 50 feet from adjacent property lines and 100 foot spacing from other wells. Upon review of the Whitis proposed well application and CUWCD rules 9.5.5, due to winter freeze damage destroying the wells casing, applicant wishes to locate the replacement well approximately 20 feet from the south property line between applicant's property and 7806 Adeline Lane Salado, TX.
- 2) The applicant has pursued and received a signed waiver from adjacent property owner Travis Whitis and the signed waiver has been properly presented to the District. The current well and replacement well are shared for domestic purposes for both parties.

Staff Recommendation:

GM recommends the board approve the request and notes all requirements per district rule 9.5.5(a)(e) have been meet and submitted.

March 26, 2021

Clearwater UWCD (CUWCD)
PO Box 1989
700 Kennedy Court
Belton, TX 76513

RE: Request for an Exception to Spacing Requirement Rule 9.5.5 (a)(e)

Dear Mr. Aaron,

I, Bruce Whitis, representing Whitis Land Investments, am formally requesting a property line setback waiver for the purpose of a replacement for an exempt well to be drilled on our property, which was completed to the Middle Trinity aquifer to produce water for domestic use. The district rules limit this domestic well to 17 gpm with a 2-inch column pipe and will be located on Bell CAD Property ID: 209012 (off FM 2843 located adjacent to 7806 Adeline Lane, Salado TX 76571); at approximately Latitude 30.914940° / Longitude -97.609648°.

We currently use the well in a shared agreement with Travis Tee Whitis. The existing well was drilled in 2015 and has served both properties. The well has suffered extensive damage due to extreme cold temperatures during the freeze event in February of this year. Site inspection by CUWCD staff shows the existing well meets the required setbacks to the property lines but the replacement well will need to be closer than 50 feet to my son's adjacent property that the well does serve.

CUWCD District rules currently require the well to be 50 feet from the property line and to comply, I wish to secure a waiver of the spacing requirement per Rule 9.5.5(e) which states:

e) If the applicant presents waivers signed by all landowners and well owners whose property or wells would be located within the applicable minimum distance established under these Rules from the proposed well site stating that they have no objection to the proposed location of the well site, the Board, upon the General Manager's recommendation, may waive certain spacing requirements for the proposed well location.

Attached is a signed waiver by Travis Tee Whitis, owner of Bell CAD Property ID: 486797 addressed at 7806 Adeline Lane Salado TX 76571.

I am presenting this letter to you, the District GM and hope our request goes before the Board on April 14, 2021. I thank you very much for your attention to this matter. If you have any questions, please call.

Sincerely,




Bruce Whitis

WAIVER OF WELL SPACING REQUIREMENT PER DISTRICT RULE 9.5.5(e)

I, Travis Tee Whitis, own the property identified by the Bell County Appraisal District as Property ID: 486797 have no objection to the location of the replacement groundwater well that will continue to serve my home under a current shared well agreement with the owner of Property ID: 209012, Bruce Whitis, representing Whitis Land Investments LTD, for a beneficial use under district rules and will be located at approximately Latitude 30.914940° / Longitude -97.609648° allowing for approximately a 20 foot setback from the identified property line is adjacent to my southern property line.

Travis Whitis

Printed Name



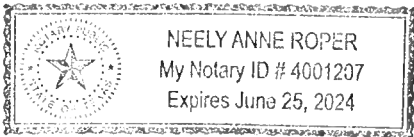
Signature

SWORN and SUBSCRIBED before me by Travis Whitis
on this 29th day of March 2020^{ine}



Notary Public, State of Texas

NEELY A ROPER
(Printed or Stamped Name of Notary)



My Commission Expires: 06-25-2024

Whitts Waiver Map



E-15-059P



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community