



BOARD MEETING

AUGUST 8, 2023

LSGCD



**NOTICE OF HEARINGS AND MEETINGS
OF THE BOARD OF DIRECTORS OF THE
LONE STAR GROUNDWATER CONSERVATION DISTRICT**

*To be held on Tuesday, August 8, 2023
Lone Star GCD – James B. "Jim" Wesley Board Room
655 Conroe Park North Drive
Conroe, Texas 77303*

**NOTICE OF PUBLIC HEARING ON
PERMIT AND PERMIT AMENDMENT APPLICATIONS**

TUESDAY, AUGUST 8, 2023, AT 6:00 P.M.

*Held In Person with the option for Public Comment
Remotely by Publicly Accessible Videoconference
(The videoconference opens at 5:45 P.M.)*

1. Call to Order and Declare Hearing Open to the Public
2. Roll Call
3. Prayer and Pledges of Allegiance
4. Any Public Comments or Requests to Contest and General Manager Permit Hearing Report and Recommendation on Granting, Denying, or Amending Applications for the following Operating Permits and/or Meter Exemptions:
 - i. Quadvest, LP. (Mill Creek), for a proposed amendment to OP-19071801A-JSPR, for a proposed Jasper aquifer well to be drilled at 27660 N. Creek Dr., Magnolia, allocation increase of 85 mg for the Jasper annually, Public Supply (PWS) and Irrigation use, spacing exception for District Rule 3.2 requested, (Driller of record: Johnston Water Well);
 - ii. Union Processing Systems, LLC, for a proposed amendment to OP-19051601-CHEV, increase of 2 mg annually, 16185 Creighton Rd, Conroe, Commercial and Irrigation use;
 - iii. Tom Weir dba DNB Enterprises Inc., for a proposed Evangeline well to be drilled at 12495 Churchill Downs Dr., Montgomery, not to exceed 0.5 mg annually, Commercial and Irrigation use, (Driller of Record: AAA Water Well Service, LLC);
 - iv. Texcon Ready Mix, for a proposed amendment to OP-18090902-CHEV, increase of 4 mg annually, 20783 FM 1314, Porter, Industrial and Commercial use;
 - v. CSWR-Texas Utility Operating Company, LLC, for a proposed amendment to OP-11051301-JSPR, well to be drilled at 18154 Breezy Dr., Montgomery, Public Supply (PWS) use, (Driller of record: Weisinger Incorporated);



- vi. Church of God - 7th Day The Way, for a proposed amendment to OP-15062401-JSPR, increase of 0.040 mg annually, 11429 FM 830, Willis, Public Supply use;
- vii. Covenant Christian School, for a proposed amendment to OP-20022003-JSPR, increase of 2 mg annually, 4503 I45 North, Conroe, Irrigation use;
- viii. The Carriage House, for a proposed amendment to OP-14061302-CHEV, increase of 0.8 mg annually, 3845 Sapp Road, Conroe, Public Supply use;
- ix. Aqua Texas, Inc. (Black Oak), for a proposed amendment to OP-16092601-CHEV, well to be drilled at 7899 Black Oak Dr, Magnolia, increase of 59.4 mg annually, Public Supply (PWS) use, hydrogeological report submitted with application, (Driller of record: Ballard Water Well Co LLC);
- x. East Montgomery County MUD 4, for a proposed amendment to OP-07022201-CHEV, well to be drilled at Approx. 15,000 feet west and 2,250 feet north of the intersection of US 59 and SH 242, New Caney, (Lat 30/11/55 Long. -95/12/20), increase of 40 mg annually, Public Supply (PWS) use, hydrogeological report submitted with application, (Driller of record: To be determined);
- xi. Aqua Texas, Inc. (Hidden Forest), for a proposed amendment to OP-06112802E-JSPR, well to be drilled at 20' SE of Hickory Drive, Montgomery, (Lat 30/28/22 Long -95/39-59), increase of 10 mg annually, Public Supply (PWS) use, Driller of record: Ballard Water Well; and
- xii. HMW Special Utility District (Coe Country), for a proposed amendment to OP-06122901-CHEV, well to be drilled at 28227 Vallie Rd, Pinehurst, Public Supply (PWS) use, hydrogeological report submitted with application, (Driller of record: Bussell and Sons LLC).

5. Discussion, consideration, and possible action on the following Operating Permits and/or Meter Exemptions:

- i. Quadvest, LP. (Mill Creek), for a proposed amendment to OP-19071801A-JSPR, for a proposed Jasper aquifer well to be drilled at 27660 N. Creek Dr., Magnolia, allocation increase of 85 mg for the Jasper annually, Public Supply (PWS) and Irrigation use, spacing exception for District Rule 3.2 requested (Driller of record: Johnston Water Well);
- ii. Union Processing Systems, LLC, for a proposed amendment to OP-19051601-CHEV, increase of 2 mg annually, 16185 Creighton Rd, Conroe, Commercial and Irrigation use;
- iii. Tom Weir dba DNB Enterprises Inc., for a proposed Evangeline well to be drilled at 12495 Churchill Downs Dr., Montgomery, not to exceed 0.5 mg annually, Commercial and Irrigation use, (Driller of Record: AAA Water Well Service, LLC);
- iv. Texcon Ready Mix, for a proposed amendment to OP-18090902-CHEV, increase of 4 mg annually, 20783 FM 1314, Porter, Industrial and Commercial use;
- v. CSWR-Texas Utility Operating Company, LLC, for a proposed amendment to OP-11051301-JSPR, well to be drilled at 18154 Breezy Dr., Montgomery, Public Supply (PWS) use, (Driller of record: Weisinger Incorporated);



- vi. Church of God - 7th Day The Way, for a proposed amendment to OP-15062401-JSPR, increase of 0.040 mg annually, 11429 FM 830, Willis, Public Supply use;
- vii. Covenant Christian School, for a proposed amendment to OP-20022003-JSPR, increase of 2 mg annually, 4503 I45 North, Conroe, Irrigation use;
- viii. The Carriage House, for a proposed amendment to OP-14061302-CHEV, increase of 0.8 mg annually, 3845 Sapp Road, Conroe, Public Supply use;
- ix. Aqua Texas, Inc. (Black Oak), for a proposed amendment to OP-16092601-CHEV, well to be drilled at 7899 Black Oak Dr, Magnolia, increase of 59.4 mg annually, Public Supply (PWS) use, hydrogeological report submitted with application, (Driller of record: Ballard Water Well Co LLC);
- x. East Montgomery County MUD 4, for a proposed amendment to OP-07022201-CHEV, well to be drilled at Approx. 15,000 feet west and 2,250 feet north of the intersection of US 59 and SH 242, New Caney, (Lat 30/11/55 Long. -95/12/20), increase of 40 mg annually, Public Supply (PWS) use, hydrogeological report submitted with application, (Driller of record: To be determined);
- xi. Aqua Texas, Inc. (Hidden Forest), for a proposed amendment to OP-06112802E-JSPR, well to be drilled at 20' SE of Hickory Drive, Montgomery, (Lat 30/28/22 Long -95/39-59), increase of 10 mg annually, Public Supply (PWS) use, Driller of record: Ballard Water Well; and
- xii. HMW Special Utility District (Coe Country), for a proposed amendment to OP-06122901-CHEV, well to be drilled at 28227 Vallie Rd, Pinehurst, Public Supply (PWS) use, hydrogeological report submitted with application, (Driller of record: Bussell and Sons LLC).

6. Adjourn or continue permit hearing in whole or in part.

The above agenda schedules for the meetings and hearings of the District represent an estimate of the order for the indicated items and are subject to change at any time.

These public hearings and meetings are available to all persons regardless of disability. If you require special assistance to attend the meeting or hearing, please contact the Lone Star GCD at 936/494-3436 at least 24 hours in advance of the meeting.

At any time during one the above meetings or hearings and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon's Texas Codes, Annotated, the Lone Star Groundwater Conservation District Board may meet in executive session on any of the above agenda items for consultation concerning attorney-client matters (§551.071); deliberation regarding real property (§551.072); deliberation regarding prospective gift (§551.073); personnel matters (§551.074); deliberation regarding security devices (§551.076); and deliberation regarding cybersecurity (§551.089). Any subject discussed in executive session may be subject to action during an open meeting.

Certification

I, the undersigned authority, do hereby certify that on August 4, 2023, at or before 5:00 p.m., I posted and filed the above notices of meeting(s) and hearing(s) with the Montgomery County Clerk's office and also posted a copy in the front window of the Lone Star GCD office in a place



convenient and readily accessible to the general public all times and that it will remain so posted continuously for at least 72 hours preceding the scheduled time of said meeting in accordance with the Texas Government Code, Chapter 551.

/s/ Kirstin H. Hein

Kirstin Hein, Permitting Director
Lone Star Groundwater Conservation District



***NOTICE OF REGULAR MEETING
OF THE BOARD OF DIRECTORS***

TUESDAY, AUGUST 08, 2023, AT 6:00 P.M.
(TO BEGIN UPON ADJOURNMENT OF THE ABOVE LISTED PUBLIC HEARINGS)

***Held In Person with the option for Public Comment
Remotely by Publicly Accessible Videoconference
(The videoconference opens at 5:45 P.M.)***

The Board of Directors may discuss, consider, and take action, including expenditure of funds, on any item or subject matter posted in this agenda.

1. Call to Order and Declare Regular Meeting Open to the Public
2. Roll Call
3. Public Comment on any agenda item or any other matter (Public comment is limited to a maximum of 3 minutes per speaker); *See Comment Card for Other Guidelines and Procedures.*
4. Executive Session - The Board will recess for a closed Executive Session pursuant to Texas Government Code, section § 551.074 and section §551.071, to consult with the District's attorney regarding pending or contemplated litigation, settlement offers; or on matters in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act, Chapter 551, Government Code regarding any agenda item on any of the board meetings or hearings posted for today.

No action will be taken in Executive Session.

5. Re-convene in Open Session.
6. Discuss, consider, and take action as necessary concerning approval of Meeting Minutes:
 - a) July 11, 2023, Hearing on Permit and Permit Amendment Applications
 - b) July 11, 2023, Regular Meeting
7. Receive annual report presentation for 2021-2022 Water Education Program – Joe Thrasher, Tinker LLC
8. Committee Reports:
 - A. Executive Committee – Jim Spigener, Chair
 - 1) Brief the Board on the Committee's activities since the last regular Board meeting.



- B. Budget & Finance Committee – Jonathan Prykryl, Chair
 - 1) Brief the Board on the Committee’s activities since the last regular Board meeting.
 - 2) Review of unaudited financials for the month of July 2023 – Kirstin Hein
 - 3) Discuss, consider, and take action on Resolution #23-005 authorizing water use fee rate schedule for 2024 – Kirstin Hein

- C. External Affairs Committee – Jim Spigener, Chair
 - 1) Brief the Board on the Committee’s activities since the last regular Board meeting

- D. DFC & Technical Committee – Stuart Traylor, Chair
 - 1) Brief the Board on the Committee’s activities since the last regular Board meeting

- E. Rules, Bylaws & Policies Committee – Jim Spigener, Chair
 - 1) Brief the Board on the Committee’s activities since the last regular Board meeting

- 9. Discussion, review, and action as necessary to approve the 2022 Annual Report for the Lone Star Groundwater Conservation District – Justin Saenz

- 10. Receive information from District’s technical consultants regarding subsidence studies and/or discussion regarding the same – Jim Spigener, Board President, and/or District’s technical consultant(s).

- 11. Groundwater Management Area 14 – update the board on the issues related to joint planning activities and development of desired future conditions in GMA 14 – Jim Spigener, Board President and/or District’s technical consultant(s).

- 12. District’s Staff Report – The Permitting Director and Education and Outreach Conservation Coordinator will brief the Board on pertinent operational and management issues that the District, its employees, or consultants have encountered since the last regular Board meeting. – Kirstin Hein and Justin Saenz

- 13. General Counsel’s Report – The District’s legal counsel will brief the Board on any pertinent legal issues and developments impacting the District since the last regular Board meeting, and legal counsel’s activities on behalf of the District, including without limitation: waste injection well monitoring activities and injection well applications filed at the Railroad Commission of Texas or the Texas Commission on Environmental Quality, including District protests or other actions regarding same; District Rules enforcement activities; District Rules and regulations, permitting and District Management Plan development or implementation issues; groundwater-related legislative activities; joint planning and desired future conditions development activities; contemplated and/or pending litigation involving the District; developments in groundwater case law and submission of legal briefs; legislation or legislative



activities; contractual issues related to the District; open government, open records requests, policy, personnel, election matters and financial issues of the District; and other legal activities on behalf of the District. – Stacey V. Reese.

14. New Business.

15. Adjourn.

The above agenda schedules for the meetings and hearings of the District represent an estimate of the order for the indicated items and are subject to change at any time.

These public hearings and meetings are available to all persons regardless of disability. If you require special assistance to attend the meeting or hearing, please contact the Lone Star GCD at 936/494-3436 at least 24 hours in advance of the meeting.

At any time during one the above meetings or hearings and in compliance with the Texas Open Meetings Act, Chapter 551, Government Code, Vernon’s Texas Codes, Annotated, the Lone Star Groundwater Conservation District Board may meet in executive session on any of the above agenda items for consultation concerning attorney-client matters (§551.071); deliberation regarding real property (§551.072); deliberation regarding prospective gift (§551.073); personnel matters (§551.074); deliberation regarding security devices (§551.076); and deliberation regarding cybersecurity (§551.089). Any subject discussed in the executive session may be subject to action during an open meeting.

Certification

I, the undersigned authority, do hereby certify that on August , 2023, at or before 5:00 p.m., I posted and filed the above notices of meeting(s) and hearing(s) with the Montgomery County Clerk’s office and also posted a copy in the front window of the Lone Star GCD office in a place convenient and readily accessible to the general public all times and that it will remain so posted continuously for at least 72 hours preceding the scheduled time of said meeting in accordance with the Texas Government Code, Chapter 551

/s/ Kirstin H. Hein

Kirstin Hein, Permitting Director
Lone Star Groundwater Conservation District

Quadvest, LP. (Mill Creek)

Attn: Mark Urback
26926 FM 2978
Magnolia, TX 77354

Permit No. OP-19071801B

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	85.000
GM Recommendation (MG):	85.000
Water use:	Public Supply (PWS) and Irrigation
Location:	27660 N. Creek Dr., Magnolia
Well Registration:	2022071308
Depth (ft):	1180.0
Diameter (in):	8.0

Information

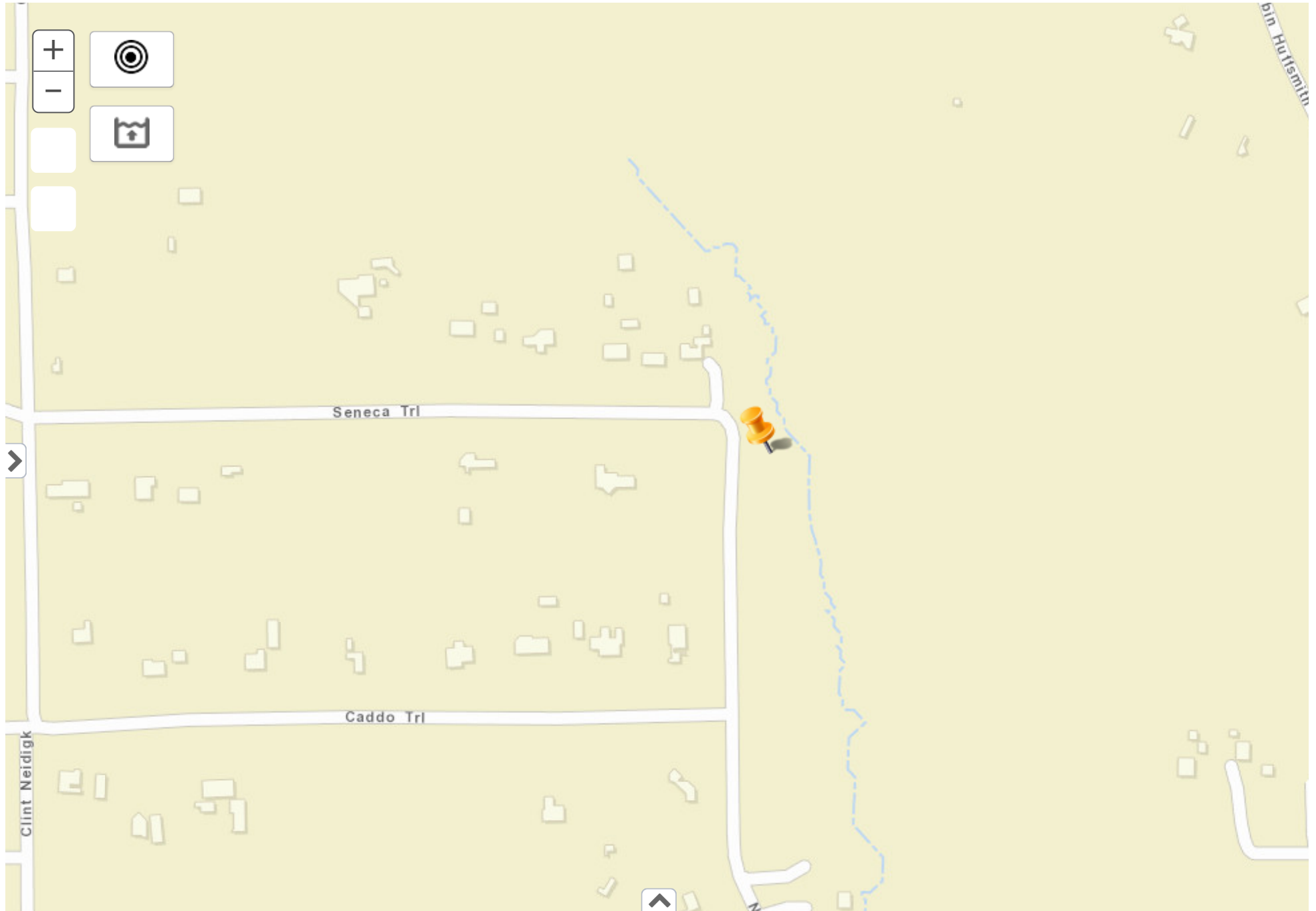
1. **Amend** permit - add well to aggregate system and allocation. Permit Term: commencing August 8, 2023 in perpetuity. (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to allocation 85,000,000 gallons in the Jasper.
5. Applicant currently has an OP in the amount of 26,600,000 gallons in the Evangeline. Amount available pending approval of this application equals 26,600,000 gallons in the Evangeline and 85,000,000 gallons in the Jasper.
6. Applicant's reported pumpage for 2022 equals 15,404,000 gallons.
7. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-19071801A-CHEV with an allocation of 26,600,000 gallons in the Evangeline. Applicant is requesting registration and authorization to drill one new well in the Jasper aquifer. Applicant is also requesting an allocation of 85,000,000 gallons in the Jasper annually. If approved the allocation will be 26,600,000 gallons in the Evangeline and 85,000,000 gallons in the Jasper annually. Water from these wells to supply water to 481 residential connections with a buildout of 932. District staff has reviewed the information supplied by the applicant and recommend to the Permitting Director that she recommends the Board approve that which has been requested.
8. Based on technical review, staff recommends to the Permitting Director that she recommend approval of that which is being requested.



Lone Star Groundwater Conservation District
655 Conroe Park North Drive, Conroe, TX 77303

Quadvest, LP. 1 (Mill Creek) OP-19071801B
27660 N. Creek Dr, Magnolia

Hello, LSGCD Internal!
[Home](#) | [Log off](#) | [Help](#)



Union Processing Systems, LLC

Attn: Bob May
6701 Broadway Ext. Suite 310
Oklahoma City, OK 73116

Permit No. OP-19051601A

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	2.000
GM Recommendation (MG):	2.000
Water use:	Commercial & Irrigation
Location:	16185 Creighton Rd, Conroe
Well Registration:	N/A
Depth (ft):	N/A
Diameter (in):	N/A

Information

1. **Amend permit** - increase allocation. Permit Terms: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 2,000,000 gallons.
5. Applicant currently has an OP in the amount of 2,300,000 gallons in the Evangeline. Amount available pending approval of this application equals 4,300,000 gallons in the Evangeline.
6. Applicant's reported pumpage for 2023 equals 882,859 gallons.
7. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-19051601 with an allocation of 2,300,000 gallons for the Evangeline. Applicant uses the water from this allocation to provide for a non-hazardous industrial wastewater disposal service lab. Applicant is requesting an additional 2,000,000 gallons for the Evangeline annually. If approved the annual allocation will be 4,300,000 gallons for the Evangeline annually. Applicant provides for the sanitary needs of 20 employees 24/7, 15 tank and workstation washing/cleaning. District staff have reviewed the information supplied and recommend to the Permit Director that she recommend the Board approve the requested increase of 2,000,000 gallons for the Evangeline annually.
8. Based on technical review, staff recommends to the Permit Director that she recommend approval of that which is being requested.

Tom Weir dba DNB Enterprises Inc.

20560 FM 1488 Ste. C
Magnolia, TX 77355

Permit No. OP-23071101

Operating Permit

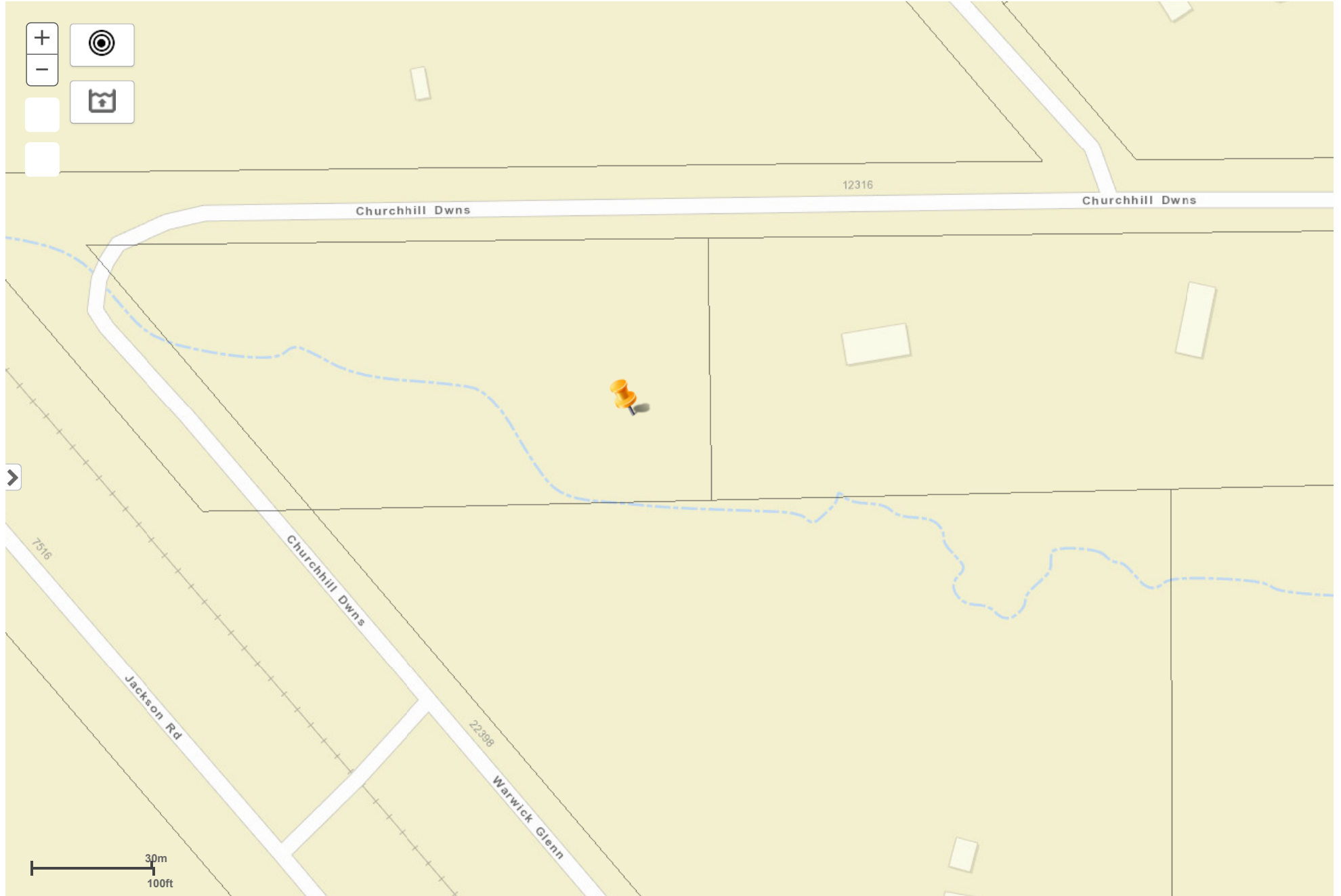
Date of Hearing:	8/8/2023
Request (MG):	0.500
GM Recommendation (MG):	0.500
Water use:	Commercial & Irrigation
Location:	12495 Churchill Downs Dr., Montgomery
Well Registration:	2023071702
Depth (ft):	350.0
Diameter (in):	4.0

Information

1. Issue a permit commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant provides water for a office building.
5. Applicant requests 500,000 gallons for 2023 and annually thereafter.
6. District Staff Technical Review and Recommendation: Applicant is requesting registration of and authorization to begin construction on one new Evangeline well which will serve an office and irrigation well. Applicant is further requesting the issuance of OP-230711011 with an allocation of 500,000 gallons for the Evangeline annually. Applicant's well will be used to provide for an office, fire tank and irrigation. Staff recommends to the Permit Director that she recommend the Board approve the registration and construction of the proposed Evangeline well, and further approve the requested allocation of 500,000 gallons for the Evangeline annually.
7. Based on technical review, staff recommends to the Permit Director that she recommend approval of that which is being requested.



Lone Star Groundwater Conservation District
655 Conroe Park North Drive, Conroe, TX 77303



Texcon Ready Mix

Attn: Mario Palacios
20783 FM 1314
Porter, TX 77365

Permit No. OP-18090902A

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	4.000
GM Recommendation (MG):	4.000
Water use:	Industrial & Commercial
Location:	20783 FM 1314, Porter
Well Registration:	N/A
Depth (ft):	N/A
Diameter (in):	N/A

Information

1. **Amend permit** - increase allocation. Permit Terms: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 4,000,000 gallons.
5. Applicant currently has an OP in the amount of 2,400,000 gallons in the Evangeline. Amount available pending approval of this application equals 6,400,000 gallons in the Evangeline.
6. Applicant's reported pumpage for 2023 equals 2,648,100 gallons.
7. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-18090902 with an allocation of 2,400,000 gallons for the Evangeline. Applicant uses the water from this allocation concrete batch plant. Applicant is requesting an additional 4,000,000 gallons for the Evangeline annually. If approved the annual allocation will be 6,400,000 gallons for the Evangeline annually. Applicant provides for the sanitary needs of 20 employees, trucking staff, 6 days a week. Applicant's batch plant washes down each truck after each load per state requirement. The concrete batch plant has 20 concrete trucks with approximately 1,850 loads a month. District staff have reviewed the information supplied and recommend to the Permit Director that she recommend the Board approve the requested increase of 4,000,000 gallons for the Evangeline annually.
8. Based on technical review, staff recommends to the Permit Director that she recommend approval of that which is being requested.

CSWR-Texas Utility Operating Company, LLC (Vista Verde)

Attn: Karl Stephens
1630 Des Peres Rd., Suite 140
Des Peres, MO 63131

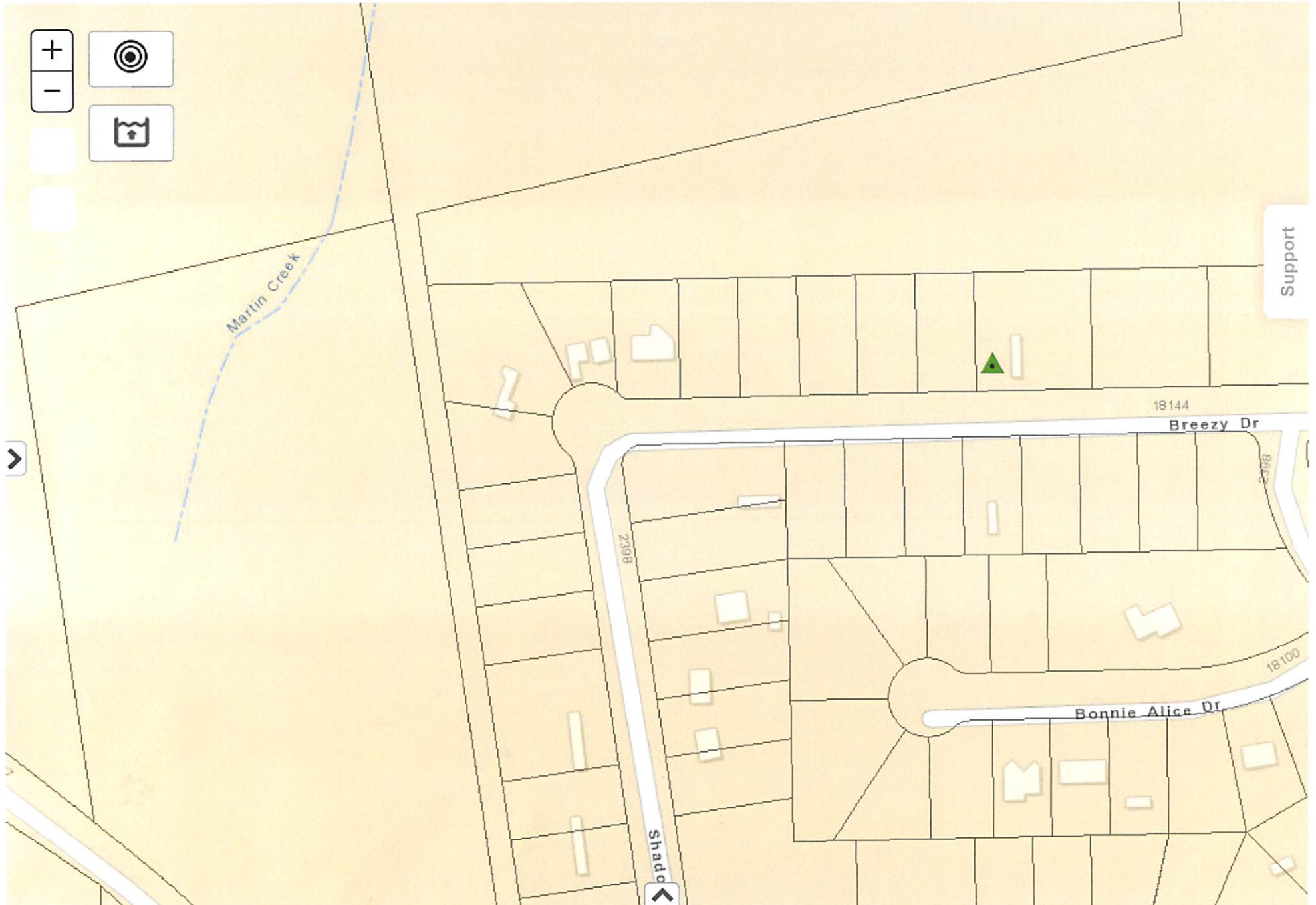
Permit No. OP-11051301E

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	No additional requested
GM Recommendation (MG):	No additional requested
Water use:	Public Supply (PWS)
Location:	18154 Breezy Drive, Montgomery
Well Registration:	2023062901
Depth (ft):	780.0
Diameter (in):	10.0

Information

1. **Amend permit** - add well to aggregate system and increase allocation. Permit Term: commencing August 8, 2023 in perpetuity (unless amended or revoked). Applicant requested and was approved for emergency approval to drill proposed well on June 29, 2023.
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant currently has an HUP in the amount of 1,725,000 gallons and an OP in the amount of 3,107,000 gallons. Applicant is requesting no additional allocation at this time. Amount available pending approval of this application equals 4,832,000 gallons.
5. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-06112802D and HUP234C with an allocation of 4,832,000 gallons and two existing wells. Water from these existing wells serves 80 connections with 240 people. Applicant requested and was granted emergency approval for a new well to be drilled due to the existing wells producing high levels of radionuclides and sand. There is no additional allocation being requested at this time. Water from these wells provides water for the Hidden Forest subdivision. District staff have reviewed the information provided by the applicant. District staff recommends to the General Manager that she recommend the Board approve the registration and construction of the proposed additional well as requested.
6. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.



Church of God - 7th Day The Way

Attn: Anthony Mellado
11375 Forest Trails Dr
Willis, TX 77318

Permit No. OP-15062401B

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	0.040
GM Recommendation (MG):	0.040
Water use:	Public Supply
Location:	11429 FM 830 Rd, Willis
Well Registration:	N/A
Depth (ft):	N/A
Diameter (in):	N/A

Information

1. Amend permit - increase allocation. Permit Terms: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 40,000 gallons.
5. Applicant currently has an OP in the amount of 60,000 gallons. Amount available pending approval of this application equals 100,000 gallons.
6. Applicant's reported pumpage for 2023 equals 54,340 gallons.
7. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-15062401A with an annual allocation of 60,000 gallons in the Jasper aquifer. The water from this permit provides water for a church. The usage for 2023 thus far is 54,340 gallons. Applicant is requesting an additional 800,000 gallons annually due to increased attendance of 200 people and an added kitchen and gym with 2 showers. Staff recommends to the General Manager that she recommend the Board approve the allocation increase of 40,000 gallons annually as requested.
8. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.

Covenant Christian School

Attn: Brent Brock
4503 I45 North
Conroe, TX 77304

Permit No. OP-20022003A

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	2.000
GM Recommendation (MG):	2.000
Water use:	Irrigation
Location:	4503 I45 North, Conroe
Well Registration:	N/A
Depth (ft):	N/A
Diameter (in):	N/A

Information

1. **Amend permit** - increase allocation. Permit Terms: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 2,000,000 gallons.
5. Applicant currently has an OP in the amount of 3,000,000 gallons. Amount available pending approval of this application equals 5,000,000 gallons.
6. Applicant's reported pumpage for 2023 equals 538,300 gallons.
7. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-16092601 with an allocation of 9,000,000 gallons and one existing well and is requesting to register an additional well. Water from these wells provides water for the Black Oak subdivision. Applicant is currently serving 1,000 connections, with 3,500 people. The usage for 2023 thus far is 6,425,000 gallons. Applicant is also requesting an additional allocation of 59,400,000 gallons for 2023 and beyond due to an increase in the connections and new developments in the water system on a monthly basis. District staff have reviewed the information provided by the applicant. District staff recommends to the General Manager that she recommend the Board approve the registration and construction of the proposed additional well, and the allocation increase of 59,400,000 gallons for 2023 and beyond as requested
8. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.

The Carriage House

Attn: Keith Walters
3845 Sapp Rd
Conroe, TX 77304

Permit No. OP-14061302E

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	0.800
GM Recommendation (MG):	0.800
Water use:	Public Supply
Location:	3845 Sapp Road, Conroe
Well Registration:	N/A
Depth (ft):	N/A
Diameter (in):	N/A

Information

1. **Amend permit** - increase allocation. Permit Terms: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 800,000 gallons.
5. Applicant currently has an OP in the amount of 1,500,000 gallons. Amount available pending approval of this application equals 2,300,000 gallons.
6. Applicant's reported pumpage for 2023 equals 1,353,000 gallons.
7. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-14061302D with an annual allocation of 1,500,000 gallons in the Evangeline aquifer. The water from this permit provides water for a wedding event facility. The usage for 2023 thus far is 1,353,000 gallons. Applicant is requesting an additional 800,000 gallons annually due to increased bookings for events available for 7 days a week at the facility with 280 patrons for each event. Staff recommends to the General Manager that she recommend the Board approve the allocation increase of 800,000 gallons annually as requested.
8. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.

Aqua Texas, Inc. (Black Oak)

Attn: Ashley M McCaffrey
19244 Ella Blvd
Spring, TX 77388

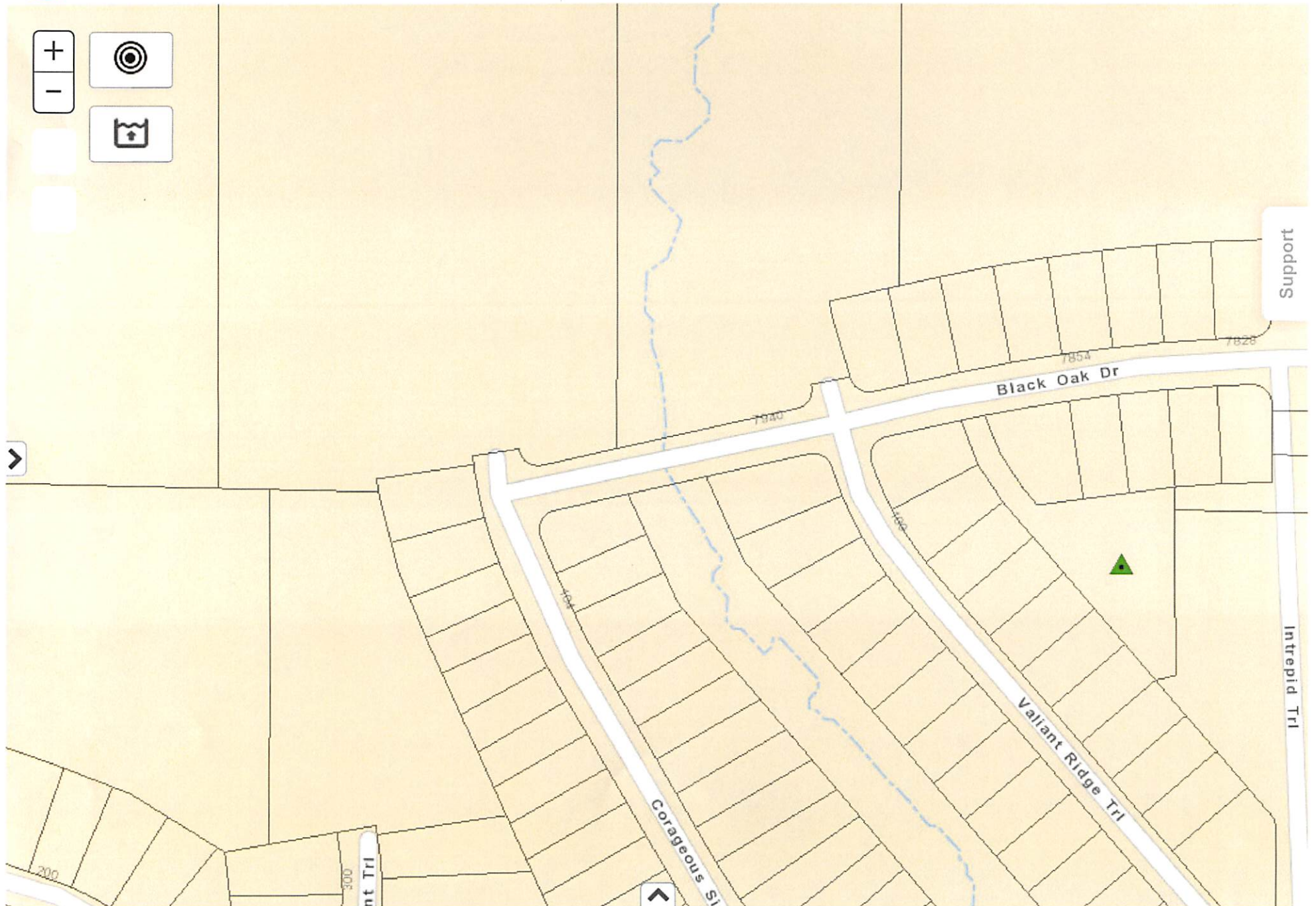
Permit No. OP-16092601A

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	59.400
GM Recommendation (MG):	59.400
Water use:	Public Supply (PWS)
Location:	7899 Black Oak Dr, Magnolia
Well Registration:	2023071901
Depth (ft):	870.0
Diameter (in):	8.0

Information

1. **Amend permit** - add well to aggregate system and increase allocation. Permit Terms: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 59,400,000 gallons.
5. Applicant currently has an OP in the amount of 9,000,000 gallons. Amount available pending approval of this application equals 68,400,000 gallons.
6. Applicant's reported pumpage for 2023 equals 6,425,000 gallons.
7. A hydrogeological report is required due to the maximum GPM of the proposed well is 700 GPM or greater. District consultants have reviewed the submitted hydrogeological report and found it to meet the requirements as detailed in the Hydrogeological Report Guidelines.
8. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-16092601 with an allocation of 9,000,000 gallons and one existing well and is requesting to register and drill an additional well. Water from these wells provides water for the Black Oak subdivision. Applicant is currently serving 1,000 connections, with 3,500 people. The usage for 2023 thus far is 6,425,000 gallons. Applicant is also requesting an additional allocation of 59,400,000 gallons for 2023 and beyond due to an increase in the connections and new developments in the water system on a monthly basis. District staff have reviewed the information provided by the applicant. District staff recommends to the General Manager that she recommend the Board approve the registration and construction of the proposed additional well, and the allocation increase of 59,400,000 gallons for 2023 and beyond as requested
9. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.



East Montgomery County MUD 4

Attn: Marks Richardson
3700 Buffalo Speedway, Suite 830
Houston, TX 77098

Permit No. OP-07022201C

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	40.000
GM Recommendation (MG):	40.000
Water use:	Public Supply (PWS)
Location:	Approx. 15,000 feet west and 2,250 feet north of the intersection of US 59 and SH 242, New Caney Lat 30/11/55.32 Long -95/12/20.88
Well Registration:	2023071902
Depth (ft):	625.0
Diameter (in):	10.0

Recommendation

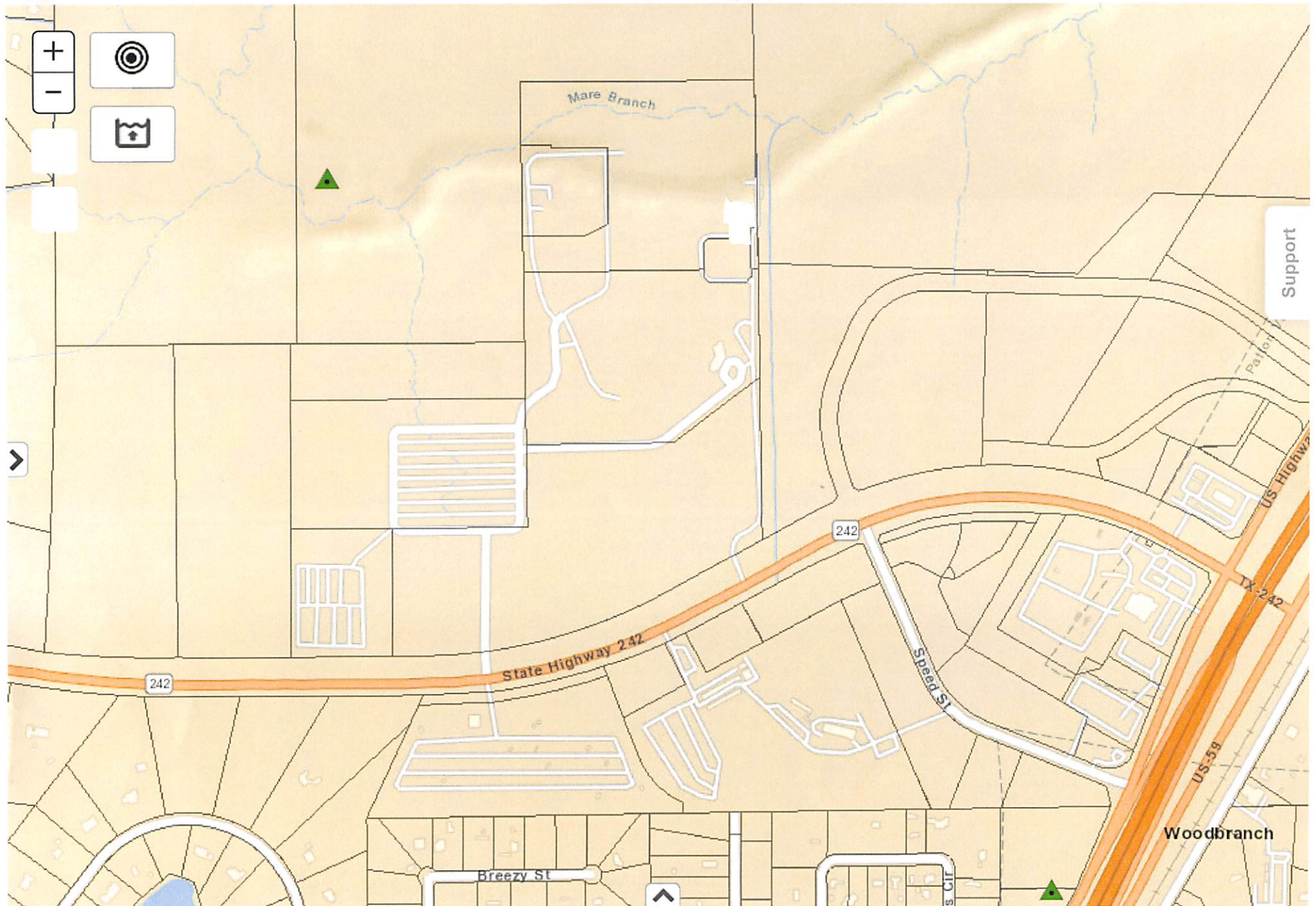
1. **Amend permit** - add well to aggregate system and increase allocation. Permit Term: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 40,000,000 gallons.
5. Applicant currently has OP03-0044 and OP-07022201B in the amount of 65,000,000 gallons. Amount available pending approval of this application equals 105,000,000 gallons.
6. Applicant's reported pumpage for 2023 equals 24,447,000 gallons.
7. A hydrogeological report is required due to the maximum GPM of the proposed well system will be greater than 700 GPM. District consultants have reviewed the submitted hydrogeological report and found it to meet the requirements as detailed in the Hydrogeological Report Guidelines.
8. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-07022201B and OP03-0044F with a combined allocation of 65,000,000 gallons and three existing wells and is requesting to register and drill an additional well. Water from these wells provides water for East Montgomery County MUD 4. Applicant is currently serving 675 connections, with 2,000 people. The usage for 2023 thus far is 24,447,000 gallons. Applicant is also requesting an additional allocation of 40,000,000 gallons for 2023 and beyond due to an increase in the connections and new developments in the water systems. District staff have reviewed the information provided by the applicant. District staff recommends to the General Manager that she recommend the Board approve the registration and construction of the proposed additional well, and the allocation increase of 40,000,000 gallons for 2023 and beyond as requested
9. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.



Lone Star Groundwater Conservation District
655 Conroe Park North Drive, Conroe, TX 77303

East Montgomery County MUD 4
OP-07022201C
Well Reg. 2023071902
Approx 15,000 ft West and 2,250 ft
North of US 59 and SH 242 Intersection

Hello, LSGCD Internal!
Home | Log off | Help



Aqua Texas, Inc. (Hidden Forest)

Attn: Ashley M McCaffrey
19244 Ella Blvd
Spring, TX 77388

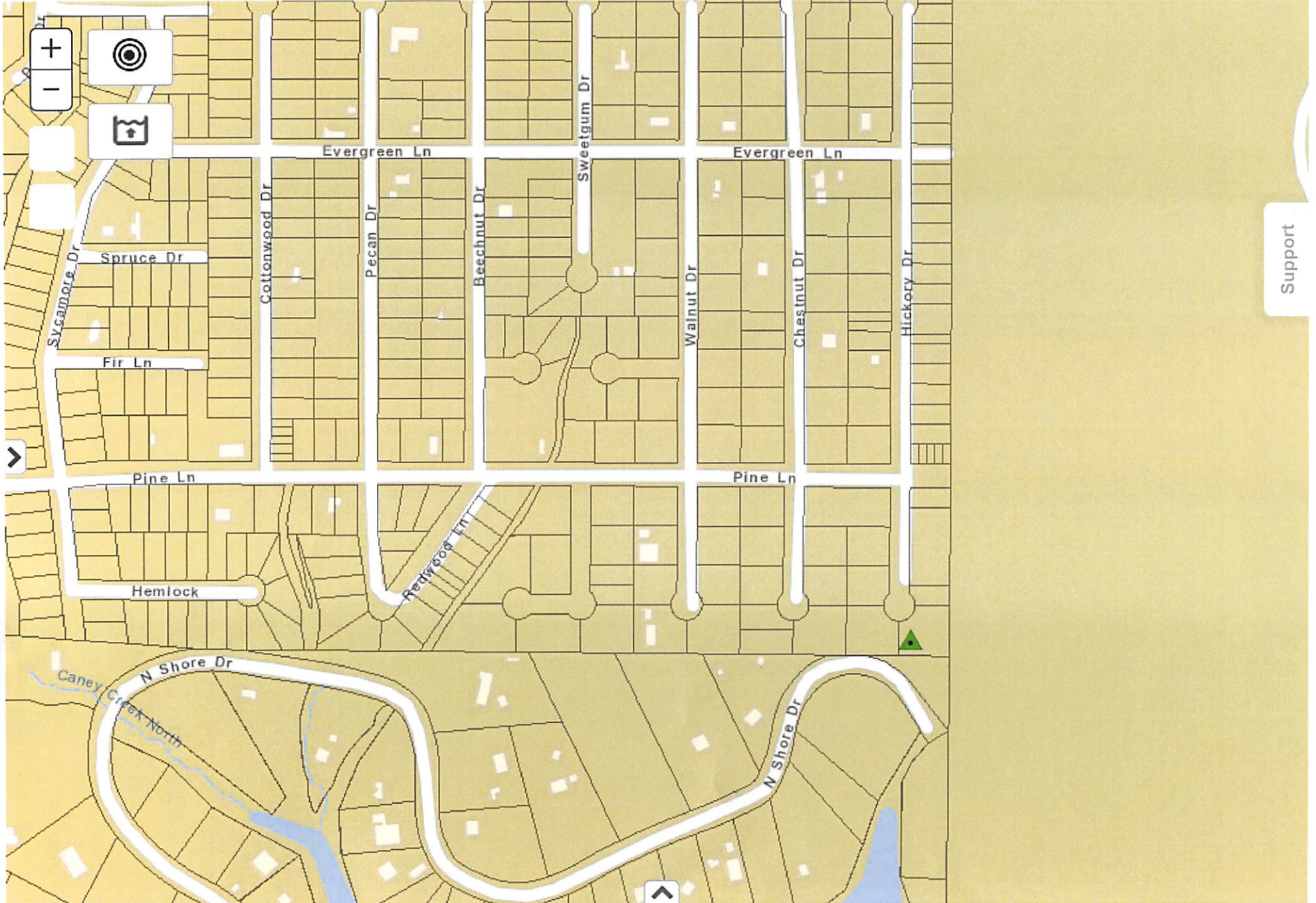
Permit No. OP-06112802E

Amend Operating Permit

Date of Hearing:	8/8/2023
Request (MG):	10.000
GM Recommendation (MG):	10.000
Water use:	Public Supply (PWS)
Location:	20' SE of Hickory Drive, Montgomery
Well Registration:	2023071903
Depth (ft):	430.0
Diameter (in):	6.0

Recommendation

1. **Amend permit** - add well to aggregate system and increase allocation. Permit Term: commencing August 8, 2023 in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant requests to increase allocation by 10,000,000 gallons.
5. Applicant currently has an HUP in the amount of 6,000,000 gallons and an OP in the amount of 6,000,000 gallons. Amount available pending approval of this application equals 22,000,000 gallons.
6. Applicant's reported pumpage for 2023 equals 6,923,000 gallons.
7. A hydrogeological report is required due to the maximum GPM of the proposed well system will be greater than 700 GPM. District consultants have reviewed the submitted hydrogeological report and found it to meet the requirements as detailed in the Hydrogeological Report Guidelines.
8. **District Staff Technical Review and Recommendation:** Applicant currently holds OP-06112802D and HUP204 with a combined allocation of 12,000,000 gallons and one existing well and is requesting to register and drill an additional well. Water from these wells provides water for the Hidden Forest subdivision. Applicant is currently serving 599 connections, with 1,200 people. The usage for 2023 thus far is 6,923,000 gallons. Applicant is also requesting an additional allocation of 10,000,000 gallons for 2023 and beyond due to an increase in the connections and new developments in the water system on a monthly basis. District staff have reviewed the information provided by the applicant. District staff recommends to the General Manager that she recommend the Board approve the registration and construction of the proposed additional well, and the allocation increase of 10,000,000 gallons for 2023 and beyond as requested.
9. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.



Support

HMW Special Utility District (Coe Country)

Attn: Alison Harding, Compliance Coordinator
P. O. Box 837
Pinehurst, TX 77362

Permit No. OP-06122901E

Amend Operating Permit

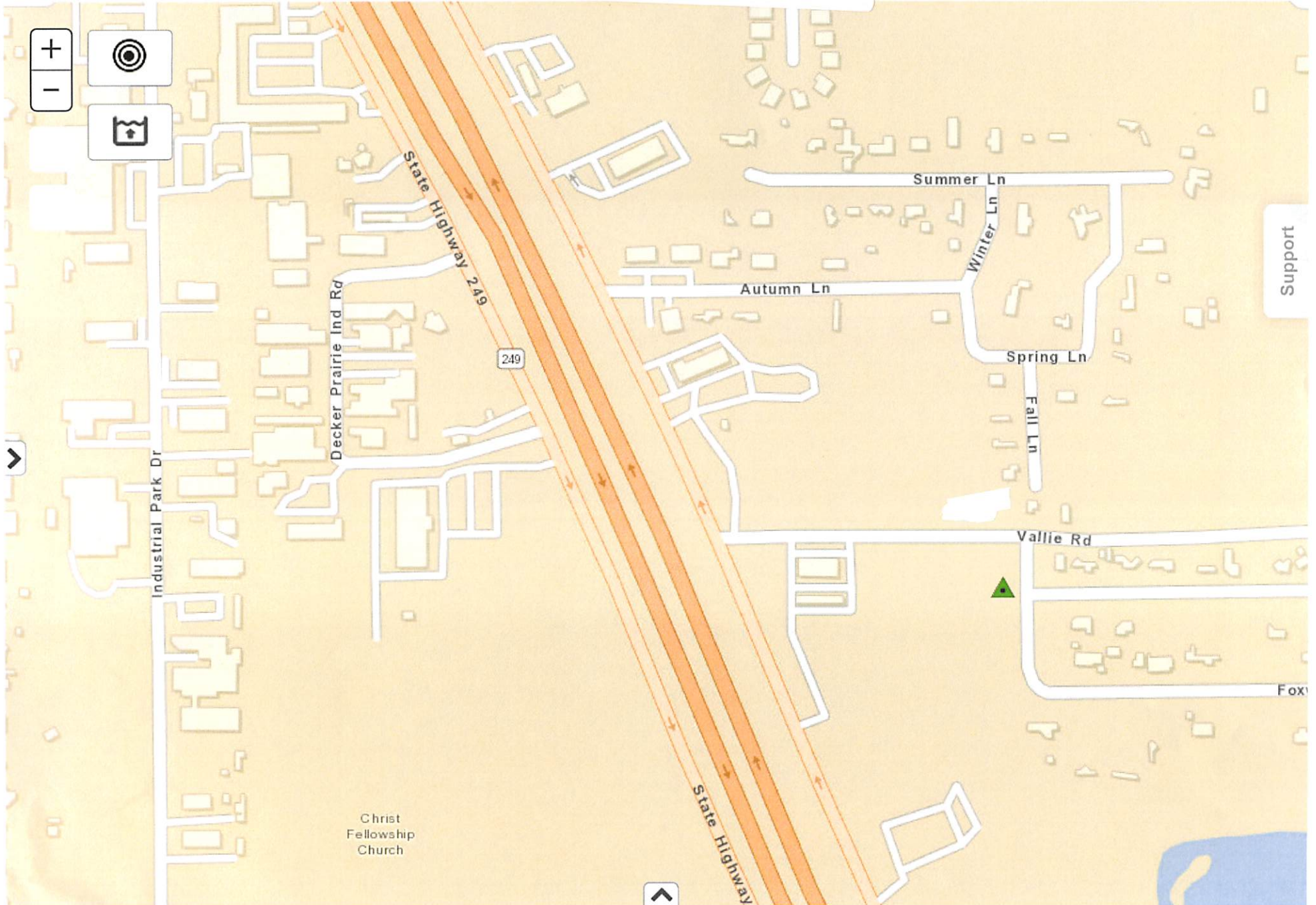
Date of Hearing:	8/8/2023
Request (MG):	None additional requested
GM Recommendation (MG):	None additional requested
Water use:	Public Supply (PWS)
Location:	28227 Vallie Rd, Pinehurst
Well Registration:	2023071905
Depth (ft):	400.0
Diameter (in):	6.0

Information

1. **Amend permit** - add well to aggregate system. Permit Term: commencing August 8, 2023, in perpetuity (unless amended or revoked).
2. No written opposition was received regarding the proposed permit.
3. The permit application is administratively complete.
4. Applicant currently has an HUP in the amount of 52,448,800 gallons and an OP in the amount of 46,821,200 gallons for a combined total of 99,300,000 gallons. Applicant is not requesting additional allocation at this time.
5. A hydrogeological report is required due to the maximum GPM of the proposed well system will be greater than 700 GPM. District consultants have reviewed the submitted hydrogeological report and found it to meet the requirements as detailed in the Hydrogeological Report Guidelines.
6. **District Staff Technical Review and Recommendation:** Applicant currently holds HUP086A and OP-06122901D with an allocation of 99,300,000 gallons and six existing wells and is requesting to register and drill an additional well. Water from these existing wells serves 692 connections with 2,076 people. There is no additional allocation being requested at this time. Water from these wells provides water for the Coe Country and Foxwood subdivisions. District staff have reviewed the information provided by the applicant. District staff recommends to the General Manager that she recommend the Board approve the registration and construction of the proposed additional well as requested
7. Based on technical review, staff recommends to the General Manager that she recommend approval of that which is being requested.



Lone Star Groundwater Conservation District
655 Conroe Park North Drive, Conroe, TX 77303



Support

LONE STAR GROUNDWATER CONSERVATION DISTRICT

July 11, 2023

MINUTES OF PUBLIC HEARING ON PERMIT APPLICATIONS

The Board of Directors of the Lone Star Groundwater Conservation District (“District”) met in regular session, open to the public and held in person in the Lone Star GCD – James B. “Jim” Wesley Board Room located at 655 Conroe Park North Drive, Conroe, Texas, and remotely via the publicly accessible webinar/telephone conference call within the boundaries of the District on June 13, 2023.

CALL TO ORDER:

President Spigener called to order the Public Hearing on Permit Applications at 6:00 PM announcing the meeting open to the public.

ROLL CALL:

The roll was called of the members of the Board of Directors, to wit:

Jim Spigener
Stuart Traylor
Janice Thigpen
Jonathan Prykryl
Jon Paul Bouché
Kenneth Earnest
Garry Dent

Six members of the Board were present, thus constituting a quorum of the Board of Directors. Also, in attendance at said meeting were Samantha Reiter, General Manager; Stacey V. Reese, District Counsel; and members of the public. *Copies of the public sign-in sheets and comment cards received are attached hereto as Exhibit “A” to the Regular Board of Directors Meeting minutes.*

Director Bouché lead prayer and Vice President Traylor lead the US and Texas pledges.

PUBLIC COMMENTS:

No comments were received.

Ms. Hein stated there are 10 permit applications listed for consideration. #1 Mill Creek was pulled due to a spacing waver. She brought attention to items # 2 and #9 as they required a

hydrogeological report to be submitted. It is the Permitting Director's recommendation to approve that which is requested.

July 2023 Permit Hearing GM Recommendations:

1. ~~Quadvest, L.P. (Mill Creek)~~

~~Applicant is requesting an amendment to an Operating Permit OP 19071801-CHEV for registration of a new Evangeline Aquifer well and an increase in production authorization in the amount of 85,000,000 gallons for 2023 and annually thereafter. Application pulled from public hearing at permittee's request.~~

2. San Jacinto River Authority

Applicant is requesting an amendment to an Operating Permit OP03-005Q-CHEV and OP03-0050Q--JSPR for an increase in production authorization in the amount of 112,500,000 gallons for the Chicot/ Evangeline Aquifer and 637,500,000 gallons for the Jasper Aquifer for 2023 and annually thereafter. Due to the combined max gpm of the well system, a hydrogeological report was required for the proposed amendment. LSGCD technical consultants have reviewed the submitted hydrogeological report and found it meets the requirements as detailed in District Rules and guidance documents.

3. Quadvest LP. 1 (Mostyn Manor)

Applicant is requesting an amendment to an Operating Permit OP-07061901H-JSPR for an increase in production authorization in the amount of 107,190,841 gallons for 2023 and annually thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

4. Quadvest, LP. (McCall Sound)

Applicant is requesting an amendment to an Operating Permit OP-06042502E-CHEV for an increase in production authorization in the amount of 5,698,170 gallons for 2023 and annually thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

5. Montgomery County MUD #105

Applicant is requesting an amendment to an Operating Permit OP-13092401E-CHEV for an increase in production authorization in the amount of 105,000,000 gallons for 2023 and annually thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

6. Westwood North Water Supply

Applicant is requesting an amendment to an Operating Permit OP-05110102F-CHEV for an increase in production authorization in the amount of 10,000,000 gallons for 2023 and annually thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

7. Iglesia De Dios Pentecostes "Palabra Viva"

Applicant is requesting an amendment to an Operating Permit OP-19042301-CHEV for an increase in production authorization in the amount of 50,000 gallons for 2023 and annually

thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

8. CLW, Inc,

Applicant is requesting an amendment to an Operating Permit OP-06080402-JSPR for an increase in production authorization in the amount of 375,000 gallons for 2023 and annually thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

9. City of Conroe

Applicant is requesting an amendment to an Operating Permit OP02-0001-JSPR for an increase in production authorization in the amount of 7500500,000 gallons for the Jasper Aquifer for 2023 and annually thereafter. Due to the combined max gpm of the well system, a hydrogeological report was required for the proposed amendment. LSGCD technical consultants have reviewed the submitted hydrogeological report and found it meets the requirements as detailed in District Rules and guidance documents.

10. Arissa Properties Office/Warehouse Water System

Applicant is requesting registration of a new Evangeline Aquifer well and production authorization in the amount of 1,100,000 gallons for 2023 and annually thereafter. Based on a technical review of the information supplied, it is the General Manager's recommendation to approve that which is requested.

Treasurer Prykryl moved to approve item #2-10, as recommended by the Permitting Director and adjourn the July 11, 2023 Pubic Hearing on Permit Applications. Vice President Traylor seconded the motion. Motion passed.

ADJOURN:

The meeting was adjourned at 6:03 pm.

PASSED, APPROVED, AND ADOPTED THIS 8th day of August 2023.

Janice Thigpen, Board Secretary

**LONE STAR
GROUNDWATER CONSERVATION DISTRICT
July 11, 2023
MINUTES OF REGULAR MEETING**

The Board of Directors of the Lone Star Groundwater Conservation District (“District”) met in regular session, open to the public and held in person in the Lone Star GCD – James B. “Jim” Wesley Board Room located at 655 Conroe Park North Drive, Conroe, Texas, and remotely via the publicly accessible webinar/telephone conference call within the boundaries of the District on July 11, 2023.

1. CALL TO ORDER:

President Spigener presided and called to order the regular Board of Directors meeting at 6:03 PM, announcing that it was open to the public.

2. ROLL CALL:

The roll was called of the members of the Board of Directors, to wit:

Jim Spigener
Stuart Traylor
Janice Thigpen
Jonathan Prykryl
Jon Paul Bouché
Kenneth Earnest
Garry Dent

Seven members of the Board were present, thus constituting a quorum of the Board of Directors. In attendance at said meeting were Kirstin Hein, Justin Saenz, Stacey V. Reese, District Counsel; and members of the public. *Copies of the public sign-in sheets and comment cards received are attached hereto as Exhibit "A".*

3. PUBLIC COMMENTS:

No public comments were received

4. EXECUTIVE SESSION:

The Board recessed at 6:04 PM into a closed Executive Session pursuant to Texas Government Code, Sections 551.074 to discuss personnel matters—general manager vacancy and other vacant staff positions and section §551.071, to consult with the District’s attorney regarding pending or contemplated litigation, settlement offers; or on matters in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act, Chapter 551, Government Code regarding any agenda item on any of the board meetings or hearings posted for today.

5. RECONVENE IN OPEN SESSION

Following Executive Session, the board reconvened in Open Session and President Spigener declared it open to the public at 6:35 PM.

6. APPROVAL OF THE MINUTES:

President Spigener stated the Board would consider the meeting minutes as listed for approval. Vice President Traylor move to accept the minutes as presented; Treasurer Prykryl seconded the motion. President Spigener called for a vote, motion passed to accept the minutes as presented.

- 1) June 13, 2023, Hearing on Permit and Permit Amendment Applications
- 2) June 13, 2023, Regular Meeting

7. COMMITTEE REPORTS

A. Executive Committee

- 1) Brief the Board on the Committee's activities since the last regular Board meeting.

President Spigener gave an update on the Executive Committees effort in the General Manager search: The executive committee received five resumes and from those applications, three candidates were shortlisted and extensively interviewed by all members of the committee. Thorough background checks were conducted. The committee reached a unanimous decision to recommend Sarah Kouba for the position. Sarah brought valuable experience working with different entities and local governments, demonstrating her ability to navigate bureaucratic environments and foster collaboration. Her notable involvement in the recovery efforts following Hurricane Harvey in Houston further enhanced her qualifications. The staff also interviewed Ms. Kouba, and it was evident that she was highly regarded and stood out among other candidates. The third and final interview process was a meeting with Ms. Reese, the District's General Counsel.

- 2) Discuss, consider, and take action as necessary related to the appointment of the General Manager – President Spigener called for a motion. Director Dent moved to offer Ms. Kouba the position of General Manager, under the terms and conditions that were discussed in the Executive Session. Director Bouchè second the motion. President Spigener called for a vote, the motion passed unanimously to offer Ms. Kouba the position of General Manager, under the terms and conditions that were discussed in Executive Session.

B. Budget & Finance Committee

- 1) Brief the Board on the Committee's activities since the last regular Board meeting. –

Treasurer Prykryl noted that the committee meet to discuss the budgets for the years 2023 and 2024, as well as water use fees. The budgets are still being finalized, and the team expressed the need for additional guidance and information from the DFC committee regarding Phase III of the Subsidence Study. They specifically requested details about the expected funding required for the study, as it is crucial for effectively creating the budget for the upcoming year. The team recognized that obtaining input from the DFC committee on this matter is essential for making informed decisions.

- 2) Review of unaudited financials for the month of June 2023 – Ms. Hein reported that in June, the income generated amounted to \$492,347.66, while expenses totaled \$140,913.53, resulting in a net income of \$351,443.30. As of June 30th, 2023, the year-to-date net income approached 1.5 million. The organization's total cash on hand stands at \$5.5 million.
- 3) Review of 2nd Quarterly Investment Repo – At the beginning of the second quarter, the money market and tax full accounts had a balance of \$5,223,602.52, which increased to \$5,482,272.25 by the end of the quarter.

C. External Affairs Committee

- 1) Brief the Board on the Committee’s activities since the last regular Board meeting – President Spigener reported the District had a had a successful year working with legislators, effectively stopping unfavorable bills and supporting beneficial ones, leading to a significant impact. They have maintained communication with their legislative consultants and received regular updates. The External Affairs Committee is expected to address the management of legislative consultants now that the session is over. They need to determine the appropriate strategy, considering whether to retain the current consultants or reduce expenses. Cost-effectiveness will be a key consideration in making the decision.
- 2) Discussion, consideration, and possible action on any items related to communications and/or legislative matters pertaining to Lone Star GCD

There was no action to take

D. DFC & Technical Committee

- 1) Brief the Board on the Committee’s activities since the last regular Board meeting – Vice President Traylor reported during their recent committee meeting, updates were provided on stakeholder interest in Phase III of the Subsidence Study. They have scheduled meetings with Porter SUD and South Montgomery County MUD to discuss potential locations for coring and monitoring wells. The DFC Committee is hopeful for a quick progression and plans to release a revised scope with more specific location information for bidding purposes. Additionally, there has been expressed interest from Galveston County, and the organization is cautiously considering their involvement. President Spigener emphasized the need for timely decision-making and data acquisition to inform future planning and avoid being dependent on external agencies. The urgency of the situation was stressed, and it was mentioned that data collection should commence before the end of 2024 to adequately plan for the next session and determine groundwater capacity and subsidence mitigation measures. President Spigener expressed a need to strike the right balance between acting swiftly and avoiding mistakes while ensuring progress is made.

E. Rules, Bylaws & Policies Committee

- 1) Brief the Board on the Committee’s activities since the last regular Board meeting - Since the last board meeting, there haven't been any additional meetings. However, it was mentioned that the Board reopened the rules for public comment for an additional 30 days due to concerns and feedback received from individuals who missed the initial opportunity. The deadline for submitting comments is expected to be on July 13th at 5:00 PM. Currently, there are no draft rules available for comment, as the focus is on collecting written input from

stakeholders. The goal is to be responsive to feedback and improve rules based on the received input. President Spigener indicated interest in holding a workshop where the general public can participate, share ideas, and engage in discussions.

8. Receive information from District’s technical consultants regarding subsidence studies and/or discussion regarding the same – Nothing to report on.

9. Groundwater Management Area 14 – update the board on the issues related to joint planning activities and development of desired future conditions in GMA 14 – Jim Spigener, Board President and/or District’s technical consultant(s).

- A. Discussion, consideration, and possible action on any items related to Lone Star GCD’s proposal(s) to and/or participation in GMA 14. – During the recent meeting held on May 14th in Cleveland, Texas, the decision was made for consultants to collaborate with the other members of the GMA 14 and their consultants and Texas Water Development Board (TWDB) in order to conduct a comprehensive review and refinement of comments related to the Gulf 2023 model. It was also mentioned that the next GMA (Groundwater Management Area) meeting is scheduled to take place in the fall.

Discussion, consideration, and possible action to designate a district representative(s) for joint planning in management area. – Due to the absence of a general manager, President Spigener discussed that a representative is needed to serve on the GMA committee until a general manager is appointed. A motion was requested to assign someone to fulfill this role and represent the organization in GMA-related matters.

Director Bouchè moved to designate President Spigener as the GMA 14 representative. Vice President Traylor second the motion. A vote was called and the motion passed to have President Spigener as the District representative to GMA 14.

10. Discussion and possible action to issue a show cause order directing the following permittees, or their designated representative, to appear at a show cause hearing for that purpose and show cause why appropriate enforcement action should not be taken, including without limitation, initiating a lawsuit against it for failure to submit 2022 production report and/or fines associated with untimely submissions:

- A. Richard Gysler & Cailean McAlister (HUPAG1500026A) – Ms. Hein noted that during the review of the 2022 production reports, it was discovered that one permit was sold, leading to a delay in the report. The district staff has been actively working to bring the permit into compliance, including contacting the new owners. However, they have encountered difficulties and reached an impasse. Based on this information, it was requested that the matter be escalated to a Show Cause hearing.

Vice Present Traylor moved to issue a Show Cause order for Richard Gysler & Cailean McAlister (HUPAG1500026A). Director Earnest seconded the motion, a vote was called and the motion passed to issue a Show Cause order for Richard Gysler & Cailean McAlister (HUPAG1500026A).

11. Discussion and possible action to issue a show cause order directing the following permittees, or their designated representative, to appear at a show cause hearing for that purpose and show cause why appropriate enforcement action should not be taken, including without limitation, initiating a lawsuit against it for failure to remit 2023 water use fees and/or fines associated with untimely submissions:

- A. Richard Gysler & Cailean McAlister (HUPAG1500026A) – Number 11 was removed due to a posting error,

not action to take

12. Discussion and possible action to issue a show cause order directing the following permittees, or their designated representative, to appear at a show cause hearing for that purpose and show cause why appropriate enforcement action should not be taken, including without limitation, initiating a lawsuit against it for overproduction of permitted allocation during the 2022 calendar year and/or fines associated with untimely submissions:

Ms. Hein discussed the remaining overpumpage notices of violation that have not been resolved yet. An updated list was provided, indicating which violations have been closed since the agenda was published. The district staff is actively working with several permittees to bring their permits back into compliance. However, based on the information presented by the district staff, it was recommended that the board take action to direct the listed permittees to appear at a show cause hearing scheduled for August 9th.

- a) Addison Woods – OP-19072403
- b) Aqua Texas (Black Oak) - OP-16092601
- c) Aqua Texas (Carriage Hills) - HUP005A & OP-05111403D
- d) Aqua Texas (Cimarron Country) - HUP006 & OP-05111401C
- e) Aqua Texas (Clear Creek Forest) - HUP007 & OP-05072101F
- f) Aqua Texas (Hidden Forest) - HUP204 & OP-06112802D
- g) Aqua Texas (Indigo Ranch) - HUP014 & OP-05072102H
- h) Aqua Texas (Lake Conroe Village) - HUP016 & OP-07092601I
- i) Aqua Texas (Lake Conroe & Tejas Creek) - HUP015 & OP03-0039C & OP-05092002
- j) Aqua Texas (Lake Creek Forest) - HUP017 & OP-06092601F
- k) Aqua Texas (Legends Ranch Estates) - OP03-0038G
- l) Aqua Texas (Old Egypt) - HUP003
- m) Aqua Texas (Walnut Springs) - HUP022A
- n) Aqua Texas (West Lane) - OP-13032101
- o) Aqua Texas (Wilshire Sub.) - HUP025 & OP-06122801A
- p) Aqua Texas (Woodlands Pkwy) - OP-13082601
- q) Berkshire Woodlands - OP-17012601
- r) CC Woodlands LLC Player - HUP254 & OP-07052401D
- s) City of Magnolia - HUP039 & OP-04041601D
- t) City of Shenandoah - HUP043 & OP-04113002H
- u) Covenant Christian School – OP-20022003
- v) Crown Point Development - OP-11070802A
- w) Crystal Springs Water (Chasewood) - HUP274 & OP-07121703
- x) Crystal Springs Water (Ponderosa Pines) - OP-16092602B
- y) Crystal Springs Water (Waukegan Way) - OP-18081501B
- z) Crystal SpringsWater (White Oak Hills) - HUP273 & OP-07102603B
- aa) DMJM Enterprises LLC – OP-16021501
- bb) East Montgomery County MUD 3 – OP03-0020
- cc) East Montgomery County MUD 12 - OP-19060701B
- dd) Far Hills Utility District (AWS Production Well) - AWS-15120101
- ee) Fish Creek Storage Ltd - OP-14072102
- ff) GBT Realty - OP-21092201
- gg) Grangerland Rentals, LLC - OP-08051901B
- hh) Jo Mark 1 Ltd. - OP-08121201
- ii) Johnston Water Utility, LLC - HUP104 & OP-056201I
- jj) Lake Conroe Hills - HUP112 & OP-21121401A

- kk) Midway Water Utilities - OP-07100402B
- ll) Montgomery County MUD #9 - AWS-13082203E
- mm) Montgomery County MUD #83 - HUP146 & OP-04042802F
- nn) Montgomery County MUD #94 - OP03-0027J
- oo) Montgomery County MUD #96 - OP-13102401C
- pp) Montgomery County MUD 105 - OP-13092401E
- qq) Montgomery County MUD #112 – OP-13092401E
- rr) Montgomery County MUD 137 - OP-14061701E
- ss) Montgomery County MUD 164 - OP-19012902B
- tt) Ann Nguyen - OP02-0002E
- uu) P & S Properties, LLC (Sapphire lessee) - OP-19102801
- vv) Pinehurst Decker Prairie - HUP171&OP-05110202C
- ww) Ernan Puebla - OP-19122701
- xx) Quadvest, LP (Benders Landing) - HUP180 & OP-04030801K
- yy) Quadvest, LP (Indigo Lakes) - HUP181 & OP03-0024
- zz) Quadvest, LP (McCall Sound) - OP-06042502E
- aaa) Quadvest, LP (Mill Creek) - OP-19071801A
- bbb) Quadvest, LP 1 (Mostyn Manor) - HUP282 & OP-07061901I
- ccc) Quadvest, LP 1 (Sendra Ranch) - HUP280 & OP-07061903E
- ddd) Rayford Road MUD – HUP184A
- eee) SCI, Texas Funeral Services, Inc dba Forest Oark The Woodlands Funeral Home - OP-08032601C
- fff) Splendor Pipe Services - OP-11100704B
- ggg) T & W Water Services (Deer Run) - OP-07092807D
- hhh) T & W Water Services (Falls of Wildwood) – HUP286 & OP-07092801B
- iii) T & W Water Services (Grand Harbor) – HUP291 & OP-07092802G
- jjj) T & W Water Services (Harbor Side) – HUP288 & OP-07092803E
- kkk) T & W Water Services (Hidden Springs Ranch) - OP-07092809H
- lll) T & W Water Services (Millers Crossing) – HUP287 & OP-07092804E
- mmm) T & W Water Services (Old Mill Lake) – HUP285 & OP-07092805F
- nnn) T & W Water Services (Thousand Oaks) – HUP283 & OP-07092806I
- ooo) The Springs Events – OP-21082701
- ppp) Undine Texas, LLC (Hazy Hallow) – HUP157C & OP-05061701C
- qqq) Western Rim Property Services (Towers Woodland) – OP13111101C
- rrr) Westwood North Water Supply – HUP242 & OP-05110102G
- sss) White Oak Water Supply Corp – HUP244 & OP03-0056F
- ttt) WMC Steel, LLC – OP-19072404A

President Spigener called for a motion, Director Bouchè moved to issue a Show Cause Order for the listed permits for August 9, 2023. Vice President Traylor seconded the motion. President Spigener called for a vote, motion passed to issue Show Cause Order for the listed permits for August 9, 2023

13. District’s Staff Report – The Permitting Director and Education and Outreach Conservation Coordinator will brief the Board on pertinent operational and management issues that the District, its employees, or consultants have encountered since the last regular Board meeting

Ms. Hein reported the permit department continues to work diligently on addressing over pumpage issues and making revisions to application forms to simplify the process for amendments and new permits. Ms. Hein noted the upcoming TAGD (Texas Alliance of Groundwater Districts) conference in San Antonio, scheduled from August 29th to 31st.

Mr. Saenz reported he met with Tinker LLC regarding their annual report for the 2022-2023 school

year. Mr. Thrasher was invited to present the full report in the upcoming August meeting to provide detailed highlights. The quick highlights mentioned were that the program had 1,470 kits, benefiting an equivalent number of students, which resulted in saving 4,486 gallons of water per year. This educational initiative successfully saved approximately 6.5 million gallons of water during the year. The annual report was shared as a first draft, and some updates were made since the previous version. Mr. Saenz request any suggestions or major changes be submitted by July 25th. The final version would be approved in the August meeting.

- 14. General Counsel’s Report – The District's legal counsel will brief the Board on any pertinent legal issues and developments impacting the District since the last regular Board meeting, and legal counsel's activities on behalf of the District, including without limitation: waste injection well monitoring activities and injection well applications filed at the Railroad Commission of Texas or the Texas Commission on Environmental Quality, including District protests or other actions regarding same; District Rules enforcement activities; District Rules and regulations, permitting and District Management Plan development or implementation issues; groundwater-related legislative activities; joint planning and desired future conditions development activities; contemplated and/or pending litigation involving the District; developments in groundwater case law and submission of legal briefs; legislation or legislative activities; contractual issues related to the District; open government, open records requests, policy, personnel, election matters and financial issues of the District; and other legal activities on behalf of the District.**

Ms. Reese provided an update regarding TAC Chapter 36 bills and their status. Kristen Fancher, the district's PIA (Public Information Act) Council and Election Council, reviewed the Open Meetings Act, election law, and other relevant regulations to identify any significant changes from the last session. It was determined that while there were some changes, they would not have any impact on the district's operations related to elections, the Open Meetings Act, or the Public Information Act. Therefore, no adjustments or modifications to the district's current practices were necessary. Additionally, it was mentioned that rules need to be established by December 1st to comply with bill that mandates the development of a process for petitioning the GCD (Groundwater Conservation District) for rulemaking. The Rules Committee will begin this process of revising the District’s rules, and adopting a rule on how to petition for rulemaking will be a priority to meet the legal requirement.

15. EXECUTIVE SESSION:

The Board recessed at 7:06 PM into a closed Executive Session pursuant to Texas Government Code, Sections 551.074 to discuss personnel matters—general manager vacancy and other vacant staff positions and section §551.071, to consult with the District’s attorney regarding pending or contemplated litigation, settlement offers; or on matters in which the duty of the attorney to the governmental body under the Texas Disciplinary Rules of Professional Conduct of the State Bar of Texas clearly conflicts with the Texas Open Meetings Act, Chapter 551, Government Code regarding any agenda item on any of the board meetings or hearings posted for today.

16. RECONVENE IN OPEN SESSION

Following Executive Session, the board reconvened in Open Session and President Spigener declared it open to the public at 7:50 PM.

17. New Business.

There was no new business.

18. Adjourn:

Vice President Traylor moved to adjourn, Treasurer Prykryl seconded the motion, President Spigener called for a vote and the motion passed. The Regular meeting the Board of Director concluded at 7:51 PM.

PASSED, APPROVED, AND ADOPTED THIS 11th DAY OF July 2023.

Janice Thigpen, Board Secretary

WATER EDUCATION PROGRAM
ANNUAL REPORT

23

*Lone Star Groundwater Conservation District
Water Education Program
Designed and implemented by Tinker LLC*



WATER EDUCATION PROGRAM

MESSAGE FROM
TINKER LLC

•
Joseph Thrasher



Dear Samantha,

We wanted to take a moment to express our gratitude for once again selecting Tinker to deliver your Water Education Program. We enjoyed working with the teachers, students, and parents within your jurisdiction. We truly appreciate your support and would love to continue our partnership for years to come.

For your reference, enclosed is our school year 2022-2023 report regarding your program. We hope you are pleased with the outcomes.

Thanks again!

A handwritten signature in blue ink, appearing to read 'J Thrasher', with a long horizontal flourish extending to the right.

Joseph Thrasher



TABLE OF CONTENTS

INTRODUCTION

Message from **Tinker LLC** 2

OVERVIEW

Water Education Program **Executive Summary** 4

DESCRIPTION

Water Education Program **Description** 6

OPERATIONS

Program **Timeline** 8

Program **Materials** 9

Education **Content** 12

Water **Conservation Kits** 13

Student **Competitions** 14

Teacher **Mini-Grants** 15

School **Participation** 16

OUTCOMES

Projected **Savings** 17

Program **Assessments** 18

Lesson **Assessments** 19

Student **Evaluations** 20

Teacher **Evaluations** 21

Continuous **Improvement** 22

APPENDICES

Appendix **A** 23

WATER EDUCATION PROGRAM EXECUTIVE SUMMARY

School Year 2022-2023

Tinker LLC is pleased to submit this annual report describing the implementation and outcomes of the Water Education Program. From September 2022 through June 2023, Tinker LLC supported the water conservation education efforts in Texas through a partnership with Lone Star Groundwater Conservation District ("District").

The program was developed to educate fifth-grade students and their parents about water through the end-to-end implementation of a locally based water conservation education program within schools. Program goals included the following:

- Provide teachers with locally based lesson content that supports Texas state education standards and enriches current curriculum
- Educate students about the importance of water in our community
- Encourage families to practice water-saving habits
- Provide families the opportunity to save water and money through a take-home Water Conservation Kit

District staff and Tinker LLC developed a curriculum that included seven locally based lessons, STEM activities, digital program resources, student contests, and teacher grants. Through the lessons and activities, students learned about water in the community and how to use it responsibly. They were provided the opportunity to make their homes more water efficient and developed water-use skills they can use for a lifetime.

Tinker LLC managed all aspects of the program design and implementation, including school recruitment, lesson development, day-to-day program management, and reporting.

By the Numbers

18

schools participated

29

teachers participated

1,470

students enrolled

4,486

gallons saved per kit

Below are the program highlights:

1. **School Participation.** During school year 2022-2023, 1,470 fifth-grade students and 29 teachers participated in the program. Each of these students received a Water Conservation Kit and access to digital learning resources.
2. **Curriculum.** Tinker worked with district staff to design a curriculum that included lessons developed specifically for local students. Each lesson included locally based information and supported Texas education standards. Below is the list of lessons we developed:
 - Groundwater
 - Drought
 - Water Energy Nexus
 - Efficiency & Conservation
 - At Home
 - Course Review
3. **Knowledge Retention.** Students completed a pre-program assessment before beginning the program to determine their baseline knowledge. On average, students correctly answered 6.10 of 10 questions. At the conclusion of the lessons, a post-assessment was administered to evaluate knowledge gain. On average, students correctly answered 8.67 of 10 questions, representing a 42 percent increase!
4. **Water Conservation Kits.** Water Conservation Kits were made available to each student and teacher participating. 1,470 water conservation kits were distributed. Each kit contained high efficiency water use products that when installed help to curb household water and energy usage. Students work with their parents to install the products and report their actions. Based on the reported data projected savings can be found below.

	Water	Electricity	Natural Gas
Annual household savings:	4,486 gals	354.80 kWh	11.40 Therms
Annual program-wide savings:	6,595,619 gals	521,557 kWh	16,758 Therms
Lifetime household savings:	39,804 gals	3,166 kWh	101.51 Therms
Lifetime program-wide savings:	58,512,050 gals	4,654,436 kWh	149,217 Therms

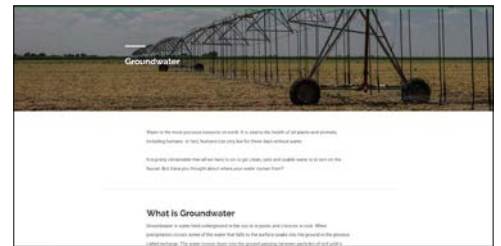
**The algorithms and data used for these calculations can be found in Appendix A*

WATER EDUCATION PROGRAM DESCRIPTION

School Year 2022-2023

The Water Education Program is a locally based curriculum designed to teach fifth-grade school students about water and how to use it wisely. Offered as a completely turnkey program, Tinker managed all aspects of the program implementation.

Working with district staff, Tinker designed and customized lessons appropriate for fifth-grade students attending schools within the District's jurisdiction. Next, Tinker contacted eligible teachers using a variety of communication tools to introduce the program and collect enrollment commitments. Participating teachers, students, and parents were then provided access to Tinker's online platform or web application.



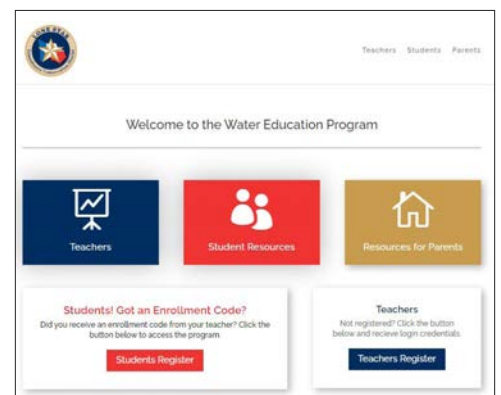
Custom Lessons

Program Delivery

Delivered by classroom teachers, the curriculum fit seamlessly within the current classroom setting. The curriculum included seven lessons that were designed to support Texas state education standards, featured engaging digital content, and included hands-on activities. Moreover, each lesson included resources such as video streaming content, online assessments, and more.

Using resources from our online platform or web application, teachers delivered the curriculum to their students. Students and parents were also provided access to the online web application, which included online portals designed specifically for each participating segment.

The District was provided with its own customized version of the web application that displayed its logo at the top of each page and referenced it throughout the pages.

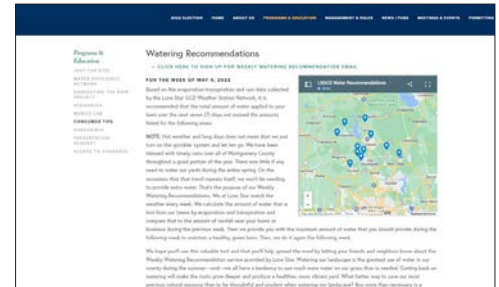


Web Application

The District's custom web application provided teachers with an on-demand repository of digital teaching resources and allowed for:

- **Robust Program Tracking.** All program actions were tracked and recorded in real time. The data was analyzed and used to inform the actions of program staff and published within an on-line dashboard. District staff was supplied credentials to access the dashboard and encouraged to follow program progress.
- **Additional Engagement Opportunities.** Other related programs were promoted within each relevant portal.

Upon completion of the lessons, students acquired new knowledge of water conservation, and each student was provided a Water Conservation Kit containing water-saving devices. During the final lesson, students completed exercises using the devices included in the kit, giving their families an opportunity to immediately and consistently conserve water.



Additional Engagement Opportunities

Throughout the program, students completed simple surveys and assessments. This data was collected, analyzed, and summarized to gauge the curriculum's impact on students. At the close of the unit, students and parents completed a pledge to continue to conserve water.

At the end of the school year, all data generated from the lessons and any predefined success metrics were collected to present in this Final Report.



WATER EDUCATION PROGRAM TIMELINE

Phase 1: Launch

		Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June
Phase 1: Launch	Contract Executed	█									
	Branding information provided	█									
	Incentive programs developed	█									
	Print & digital materials published		█								
	Quality control checks performed		█								
	Eligible school information identified	█									
Phase 2: Implementation	Teachers introduced to the program		█								
	Participation commitments collected		█	█	█	█	█	█			
	Access to digital materials granted		█	█	█	█	█	█	█		
	Materials and kits shipped		█	█	█	█	█	█	█		
	Communication with teachers		█	█	█	█	█	█	█	█	
	Collection & evaluation of program data		█	█	█	█	█	█	█	█	
Phase 3: Reporting	Program closed to participation									█	█
	Program data compiled and analyzed									█	█
	Final report developed and delivered										█

WATER EDUCATION PROGRAM PROGRAM MATERIALS

Phase 1: Launch

During the program, teachers, students, and parents were provided with a variety of resources expertly designed to educate them about water conservation and encourage water conservation behaviors via the web application. Each set of materials prominently displayed the District's logo and referenced it throughout the pages when appropriate.

PARENT PROGRAM RESOURCES



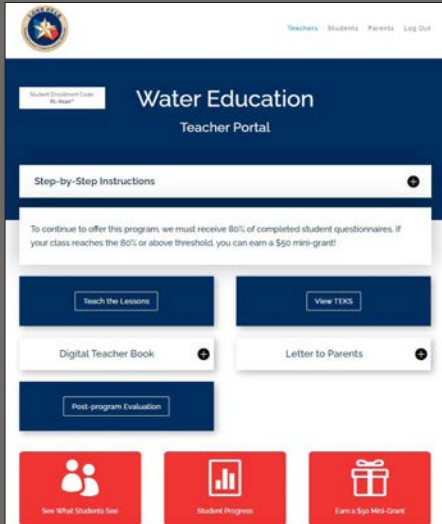
DIGITAL MATERIALS

Parents of participating students were provided access to the parent portal through the web application. The available resources included the following.

- A parent letter describing the program, its goals, and the water conservation opportunities available
- Additional water conservation resources offered by the District
- Program evaluation
- Access to Kit installation instructions



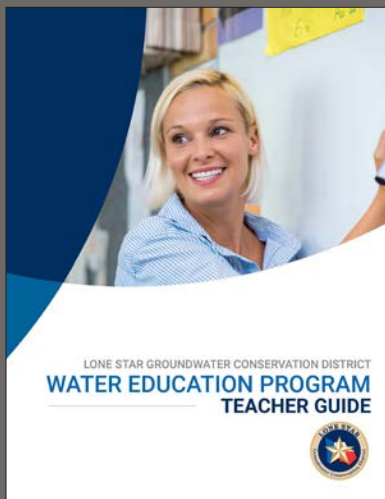
TEACHER PROGRAM RESOURCES



DIGITAL MATERIALS

Teachers were provided access to the teacher portal through the web application. The available resources included the following.

- Instructions to guide teachers through the administration of the program
- Supported Texas state education standards
- Letter to parents in English and Spanish
- Lesson materials including:
 - Lesson plans
 - Digital slides for classroom presentations
 - Online resources
 - Video content
 - Online homework exercises
 - Assessments
- Post-program Evaluation
- Student progress reporting

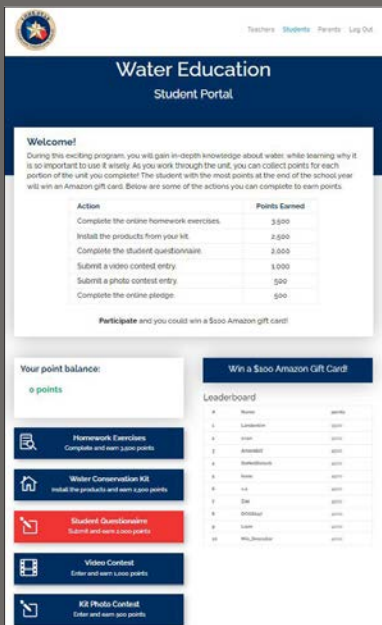


SUPPORTING PHYSICAL MATERIALS

Participating teachers were provided a printed Teacher Guide to support the digital resources. The Teacher Guide included the following:

- Program goals
- Instructions to administer the program
- Unit plan
- Lesson plans
- Contest and mini-grant information
- Answer keys

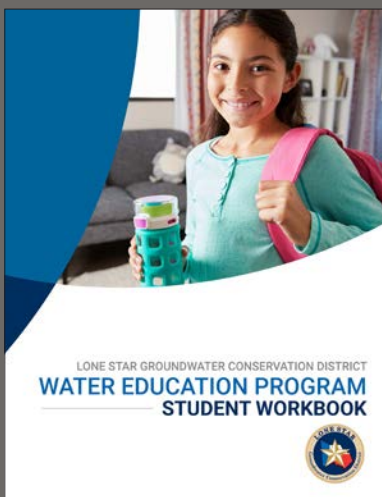
STUDENT PROGRAM RESOURCES



DIGITAL MATERIALS

Students were provided access to the student portal within the web application. Resources available included the following:

- Access to digital lessons and assessments
- Video contest information
- The student leaderboard
- Access to Kit installation instructions
- Additional water conservation information



SUPPORTING PHYSICAL MATERIALS

Participating students were provided a student workbook to support the digital resources. The student workbook included the following:

- Classroom activity worksheets
- Classroom assessments

WATER EDUCATION PROGRAM

EDUCATION CONTENT

Phase 2: Implementation

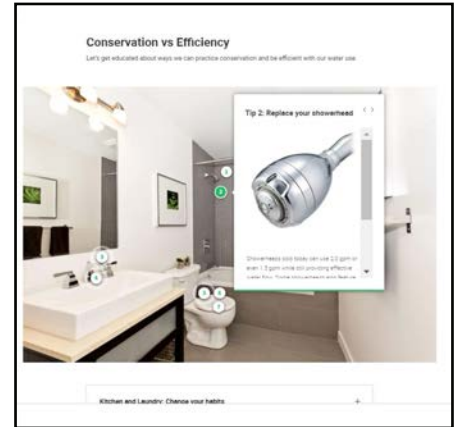
The Water Education Program curriculum was designed to build upon and supplement current classroom science, math, and language arts curriculum.

To support educational goals, Tinker worked with district staff to develop lessons specifically for students. Each lesson included locally based information and supported Texas education standards. Below is the list of lessons we developed:

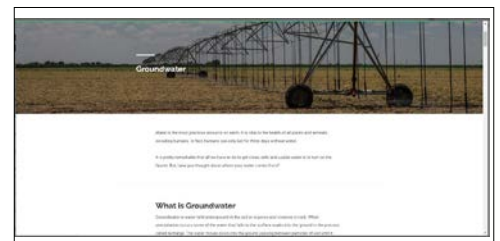
- Groundwater
- Drought
- Water Energy Nexus
- Efficiency & Conservation
- At Home
- Course Review

To support each lesson, Tinker worked with district staff to include teaching resources, video resources, hands-on activities, and homework exercises in the lessons.

At the conclusion of each classroom lesson, teachers had the option of assigning online homework exercises that reviewed the content taught in the classroom. Tinker worked with district staff to develop each homework exercise. These exercises included locally based video content, interactive activities, labeled graphics, flash card grids, and more. The extensive information in each exercise was designed to be engaging and to maximize the knowledge retention of the student.



Custom Lessons



Homework Exercises

WATER EDUCATION PROGRAM WATER CONSERVATION KITS

Phase 2: Implementation

A take-home Water Conservation Kit was provided to 1,470 participants. Each contained products that can be used at home to conserve water. Students work with their parents to use the products and report on their actions.

Each kit contained the following items:

- Showerhead
1.5 GPM / Watersense
- Faucet Aerator
1.5 GPM / Watersense
- Faucet Aerator
1.5 GPM / Watersense
- Water Flow Rate Bag
- Toilet Leak Detector Tablets
- Outdoor Watering Gauge



The Water Conservation Kit featured custom branding with the Lone Star GCD logo.



WATER EDUCATION PROGRAM STUDENT COMPETITIONS

Phase 2: Implementation

A fun component of the Water Education Program was the student competitions: the Student Challenge and the Video Contest.

Student Challenge

Each student that registered for the online activities were automatically entered into the Student Challenge. As students progressed through the online portion of the program, they earned points for each activity completed. In the web application, students followed their point progress and competed with classmates. Below is a sample of these activities:

Action	Points Earned
Complete the online homework exercises	3,500
Install the products from the Kit	2,500
Complete the online student survey	2,500
Submit a video contest entry	1,000
Complete the online water use pledge	500

Video Contest

As part of the program, students were given the opportunity to participate in a video contest. Students created a short two- to three-minute video about water conservation for a chance to win. Videos were uploaded through the web application.

The screenshot shows the 'Video Contest' page of the Water Education Program. At the top, there is a navigation bar with links for 'Teachers', 'Students', 'Parents', and 'Log Out'. The main heading is 'Video Contest' with a sub-heading 'Enter and earn 1000 points!'. Below this, a box highlights the 'Top prize: 1000 points and a \$100 Amazon gift card' with a deadline of 'Enter by May 23rd'. The page contains several sections: 'Objective' (to create a video teaching peers about water conservation), 'Prize' (1000 points and a \$100 Amazon gift card), 'Required' (video length, clarity, examples, and rules), and 'Rules' (parental consent, source attribution, and submission limits).

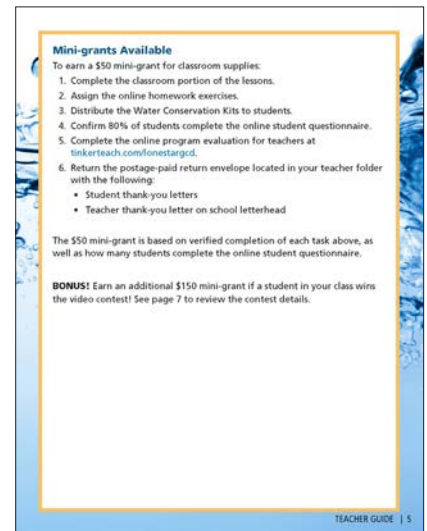
WATER EDUCATION PROGRAM TEACHER MINI-GRANTS

Phase 2: Implementation

Participating teachers had a chance to earn a \$50 mini-grant for classroom supplies!

Teachers earned the \$50 mini-grant if they completed the following:

- Distributed the Parent Letter
- Completed the classroom lessons and assign the related online homework exercise.
- 80% of students completed the online student survey.
- Completed the post-program evaluation in the teacher portal.
- Returned the postage-paid return envelope located in your teacher folder with the following:
 - Student thank-you letters
 - Teacher thank-you letter on school letterhead



WATER EDUCATION PROGRAM PARTICIPATION

Phase 2: Implementation

During the 2022-2023 school year, elementary school teachers at schools within the District's jurisdiction were introduced to the program and asked to participate. Commitments were received from 18 elementary schools representing 29 teachers and 1,470 fifth-grade students. The participating schools can be found below.

School	Teachers	Students
Bozman Intermediate School	3	200
Brookwood Forest Elementary	1	82
Covenant Christian School	1	40
Cox Intermediate school	3	200
Dogwood Elementary	2	65
Edward B Cannan Elementary School	1	42
Granger Middle School	1	42
Lifestyle School	1	15
Montgomery Christian Academy	1	5
Montgomery Elementary	1	100
Oakley Elementary School	2	93
Piney Woods Elementary	1	63
Robert Crippen elementary	1	120
Sorters Mill Elementary	1	50
The John Cooper School	1	80
The Woodlands Christian Academy	1	55
Timber Lakes Elementary	1	66
Valley Ranch Elementary	6	152

WATER EDUCATION PROGRAM PROJECTED WATER SAVINGS

Phase 3: Reporting

Through the program 1,470 Water Conservation Kits were distributed to participants. The kits were packed with high efficiency products that when installed help to curb household water and energy usage while reducing green house gas emissions. Students work with their parents to install the products and report their actions. The outcomes are found below.

Number of Kits: 1,470

- 48% of students reported installing the showerhead
- 54% of students reported installing the first aerator
- 49% of students reported installing the second aerator
- 67% of students reported using the toilet leak detector tablets
- 53% of students reported using the rain gauge

Using the data collected, we calculated the projected resource savings. Projections are found below:

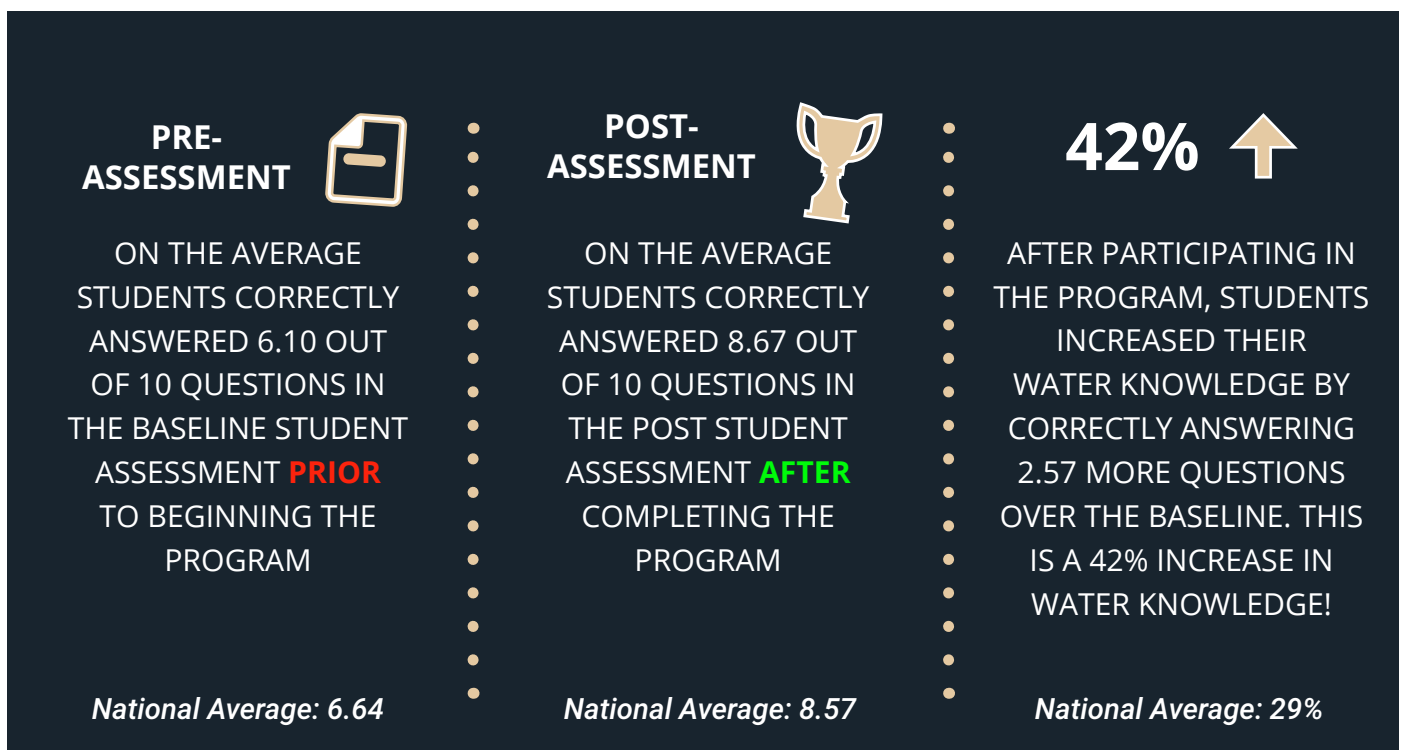
	Water	Electricity	Natural Gas
Annual household savings:	4,486 gals	354.80 kWh	11.40 Therms
Annual program-wide savings:	6,595,619 gals	521,557 kWh	16,758 Therms
Lifetime household savings:	39,804 gals	3,166 kWh	101.51 Therms
Lifetime program-wide savings:	58,512,050 gals	4,654,436 kWh	149,217 Therms

**The algorithms and data used for these calculations can be found in Appendix A*

WATER EDUCATION PROGRAM PROGRAM ASSESSMENT

Phase 3: Reporting

To determine the effectiveness of the program, we collected pre- and post-program data to assess changes in students' knowledge, attitude, and behavior with respect to water conservation. The outcome is provided below.



WATER EDUCATION PROGRAM **LESSON ASSESSMENTS**

Phase 3: Reporting

At the conclusion of each lesson, students were asked to complete a lesson assessment. The assessment was designed to measure knowledge growth within the topic as well as to reinforce the education. The results are used to determine the effectiveness of each lesson. The table below contains the average student score within each lesson assessment.

Lesson	Assessment	National Average
Groundwater	88%	89%
Drought	90%	90%
Water Energy Nexus	85%	83%
Efficiency & Conservation	92%	91%
Course Review	91%	92%

WATER EDUCATION PROGRAM STUDENT EVALUATION

Phase 3: Reporting

At the conclusion of the unit students were asked to complete a post-program evaluation. Responses are found below:

STUDENT PROGRAM EVALUATION

1. Did you enjoy the Program?	★★★★★
2. Were the lesson and online content easy to use?	YES: 91%
3. Would you like to see this program continue?	YES: 91%
4. Did you and your family change the way you use water?	YES: 91%

WATER EDUCATION PROGRAM TEACHER EVALUATION

Phase 3: Reporting

At the conclusion of the unit teachers were asked to complete a post-program evaluation. Responses are found below:

TEACHER PROGRAM EVALUATION

- | | |
|--|-----------|
| 1. Overall how satisfied were you with the program: | ★★★★★ |
| 2. Did this program support education standards in your grade level? | YES: 100% |
| 3. Was the online content and lessons easy to use? | YES: 90% |
| 4. Was the program staff knowledgeable and courteous? | YES: 100% |
| 5. Did the program staff effectively answer all of your questions? | YES: 100% |
| 6. How satisfied were your students with this program? | YES: 90% |
| 7. Would you conduct the program again if given the opportunity? | YES: 100% |
| 8. Would you recommend this program to your colleagues? | YES: 100% |

WATER EDUCATION PROGRAM **CONTINUOUS IMPROVEMENT**

Phase 3: Reporting

Tinker LLC evaluated program outcomes to identify and incorporate improvements for the upcoming school year. Areas to be enhanced are identified below:

Program Participation. To further improve program participation, the program will be offered to teachers prior to the beginning of the fall semester. This will allow better planning for teachers, resulting in deeper program participation through the use of more lessons and the completion of more activities by students.

Teacher Program Administration. To advance the use of program materials by teachers, Tinker LLC will develop and publish a program administration video tutorial for teachers. This video will guide teachers through each aspect of program implementation.

Assessments. To further measure program effectiveness, Tinker LLC plans to make some minor updates to assessments to measure changes in student knowledge, attitude, and behavior pertaining to water conservation.

Data Collection. As the program has matured, a deeper analysis of collected program data is required to further measure program success. Tinker LLC will work with LSGCD staff to identify desired reporting metrics and modify the program database to seamlessly provide the subsequent reports.

These enhancements will improve the program while continuing to meet the changing needs of educators and students.

WATER EDUCATION PROGRAM

APPENDIX A

Phase 3: Reporting

AERATOR #1 RETROFIT

Projected Savings

Reported Inputs

Average household size:	4.49 people
Percent of homes with electric water heat:	61%
Percent of homes with natural gas water heat:	39%
Retrofit first aerator installation rate:	54%
Participants using kits:	1470 students

Assumed Inputs

Weighted average daily per capita reduction in water consumption:	0.6 gallons per day ¹
Percent of faucet water used in a household is hot water:	70% ¹
Temperature of incoming cold water:	55° ¹
Temperature of outgoing hot water:	120° ¹
Electric hot water heater efficiency:	90% Efficient ¹
Natural Gas hot water heater efficiency:	60% Efficient ¹
Product life:	5 years ²

Outcomes

Projected annual water savings for all households:	780,551.48 Gallons ¹
Projected annual electric savings for all households:	58,837.92 kWh ¹
Projected annual natural gas savings for all households:	1,925.74 Therms ¹
Projected lifetime water savings for all households:	3,902,757.39 Gallons ¹
Projected lifetime electric savings for all households:	294,189.59 kWh ¹
Projected lifetime natural gas savings for all households:	9,628.68 Therms ¹

¹ *WaterSense® High-Efficiency Lavatory Faucet Specification Supporting Statement. EPA, 2007, Appendix A: Calculations and Key Assumptions.*

² *Manufacturer*

AERATOR #2 RETROFIT

Projected Savings

Reported Inputs

Average household size:	4.49 people
Percent of homes with electric water heat:	61%
Percent of homes with natural gas water heat:	39%
Retrofit second aerator installation rate:	49%
Participants using kits:	1470 students

Assumed Inputs

Weighted average daily per capita reduction in water consumption:	0.6 gallons per day ¹
Percent of faucet water used in a household is hot water:	70% ¹
Temperature of incoming cold water:	55° ¹
Temperature of outgoing hot water:	120° ¹
Electric hot water heater efficiency:	90% Efficient ¹
Natural Gas hot water heater efficiency:	60% Efficient ¹
Product life:	5 years ²

Outcomes

Projected annual water savings for all households:	708,278.19 Gallons ¹
Projected annual electric savings for all households:	53,389.96 kWh ¹
Projected annual natural gas savings for all households:	1,747.43 Therms ¹
Projected lifetime water savings for all households:	3,541,390.97 Gallons ¹
Projected lifetime electric savings for all households:	266,949.82 kWh ¹
Projected lifetime natural gas savings for all households:	8,737.13 Therms ¹

¹ *WaterSense® High-Efficiency Lavatory Faucet Specification Supporting Statement. EPA, 2007, Appendix A: Calculations and Key Assumptions.*

² *Manufacturer*

SHOWERHEAD RETROFIT

Projected Savings

Reported Inputs

Average household size:	4.49 people
Full bathrooms per home:	1.83 bathrooms
Previous showerhead flow rate:	2.810 gallons
Retrofit showerhead flow rate:	1.339 gallons
Percent of homes with electric water heat:	61%
Percent of homes with natural gas water heat:	39%
Retrofit showerhead installation rate:	48%
Participants using kits:	1,470 students

Assumed Inputs

Showers per day per person:	0.67 showers ¹
Average length of use:	8.2 minutes ¹
Percent of showerhead water that is heated:	73% hot water ¹
Temperature of incoming cold water:	55° ¹
Temperature of outgoing hot water:	120° ¹
Product life:	10 years ²

Outcomes

Projected annual water savings for all households:	5,106,790.19 Gallons ¹
Projected annual electric savings for all households:	409,329.66 kWh ¹
Projected annual natural gas savings for all households:	13,085.13 Therms ¹
Projected lifetime water savings for all households:	51,067,901.93 Gallons ¹
Projected lifetime electric savings for all households:	4,093,296.61 kWh ¹
Projected lifetime natural gas savings for all households:	130,851.29 Therms ¹

¹ *WaterSense® Specification for Showerheads Supporting Statement. EPA, 2010, Appendix A: Calculations and Key Assumptions.*

Step 1 [(Previous showerhead flow rate: 3.868 gallons - Retrofit showerhead flow rate: 1.50 gallons) x Average length of use: 8.2min x Showers per day per person: 0.67 x Average household size: 5.45] ÷ Full bathrooms per home: 1.71 = 41.46396 gallons saved per day

**Equation is divided by full bathrooms per home because we only provide one showerhead*

Step 2 41.46396 gallons saved per day x 365 days = 15,134.344290 gallons saved per year

Step 3 15,134.34429 gallons saved per year x retrofit showerhead installation rate: 53% x 427 participants = 3,425,053.46 gallons saved per year program-wide

Step 4 3,425,053.46 gallons saved per year program-wide x Conversion Factor (acre-feet per gallon): 0.00000306888324597 = 10.51 Acre Feet

² *Manufacturer*

Lone Star Groundwater Conservation District
Balance Sheet
As of July 31, 2023

Accrual Basis

	Jul 31, 23
ASSETS	
Current Assets	
Checking/Savings	
First Bank (Money Market)	5,474,723.15
First Bank (Operating)	124,979.68
TexPool	48,841.84
Total Checking/Savings	5,648,544.67
Accounts Receivable	
Accounts Receivable	412,035.98
Total Accounts Receivable	412,035.98
Other Current Assets	
Allow for Bad Debts	-30,819.89
Other Receivable	
Allowance for Doubifful Accounts	20,602.80
Total Other Receivable	20,602.80
Prepaid Insurance	
TWCA premium	9,978.29
Prepaid Dishonesty & Public Bond	1,097.46
Total Prepaid Insurance	11,075.75
Total Other Current Assets	858.66
Total Current Assets	6,061,439.31
Fixed Assets	
Bldg & Land	
Conroe Park - Land	260,187.00
Conroe Park - Building & Design	1,593,552.27
Accumulated Depr - Bldg	-423,236.04
Total Bldg & Land	1,430,503.23
Furniture & Equipment	
Furniture/Fixture/Equipment	350,516.94
Accumulated Depreciation	-264,509.70
Total Furniture & Equipment	86,007.24
Total Fixed Assets	1,516,510.47
TOTAL ASSETS	7,577,949.78
LIABILITIES & EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	20,953.79
Total Accounts Payable	20,953.79
Other Current Liabilities	
Deposits Payable	54.00
Accrued Expenses	
Accrued Expenses	67,171.53
Accrued Expenses - Other	-255,190.46
Total Accrued Expenses	-188,018.93
Accrued Vacation Time	19,426.32
Deferred Revenue	-759,456.50

Lone Star Groundwater Conservation District
Balance Sheet
As of July 31, 2023

Accrual Basis

	Jul 31, 23
Direct Deposit Liabilities	
ICMA-401(a) - ER portion	-0.01
Total Direct Deposit Liabilities	-0.01
Payroll Liabilities	2,198.37
Total Other Current Liabilities	-925,796.75
Total Current Liabilities	-904,842.96
Total Liabilities	-904,842.96
Equity	
Invested in Capital Assets, net	1,518,850.65
Retained Earnings	5,381,034.15
Net Income	1,582,907.94
Total Equity	8,482,792.74
TOTAL LIABILITIES & EQUITY	<u>7,577,949.78</u>

Lone Star Groundwater Conservation District
Statement of Revenues and Expenditures - Budget vs. Actual
July 2023

	Jul 23	Budget	Jan - Jul 23	YTD Budget	Annual Budget
Ordinary Income/Expense					
Income					
Administration Fee					
Application Fee		250.00	0.00	1,750.00	3,000.00
AWS Production Permit	0.00	125.00	0.00	875.00	1,500.00
AWS Groundwater Test Well	0.00				
Early Conversion Credits	-5,395.50		-5,395.50		
Emergency Permit	1,500.00		1,500.00		
Existing Well Application	0.00	125.00	225.00	875.00	1,500.00
Operating Permit	5,000.00	1,833.33	43,401.52	12,833.31	22,000.00
Temporary Permit	0.00	412.50	500.00	2,887.50	4,950.00
Application Fee - Other	0.00		450.00		
Total Application Fee	<u>1,104.50</u>	<u>2,745.83</u>	<u>40,681.02</u>	<u>19,220.81</u>	<u>32,950.00</u>
Change of Ownership/Type	450.00	333.33	5,400.00	2,333.31	4,000.00
Record Request	0.00	125.00	0.00	875.00	1,500.00
Returned Check Fee	0.00	4.16	50.00	29.12	50.00
Well/Meter Re-inspection Fees	0.00	166.66	0.00	1,166.62	2,000.00
Total Administrative Fee	<u>1,554.50</u>	<u>3,374.98</u>	<u>46,131.02</u>	<u>23,624.86</u>	<u>40,500.00</u>
Interest Income	650.75	416.66	4,330.35	2,916.62	5,000.00
Lone Star GCD Fees					
Agricultural Permits					
Agricultural HUP 2023	62.05	95.38	434.35	667.66	1,144.57
Agricultural OP 2023	76.33	112.95	534.31	790.65	1,355.43
Total Agricultural Permits	<u>138.38</u>	<u>208.33</u>	<u>968.66</u>	<u>1,458.31</u>	<u>2,500.00</u>
Export Fees	0.00	50.00	0.00	350.00	600.00
Historic Use Fee					
Historic Use Fee 2023	96,570.42	125,000.00	674,600.45	875,000.00	1,500,000.00
Total Historic Use Fee	<u>96,570.42</u>	<u>125,000.00</u>	<u>674,600.45</u>	<u>875,000.00</u>	<u>1,500,000.00</u>
Operating Permit Fees					
Operating Permit 2023	265,517.77	116,666.66	1,078,475.72	816,666.62	1,400,000.00
Operating Permit 2022	0.00		1,262.07		
Total Operating Permit Fees	<u>265,517.77</u>	<u>116,666.66</u>	<u>1,079,737.79</u>	<u>816,666.62</u>	<u>1,400,000.00</u>

Lone Star Groundwater Conservation District
Statement of Revenues and Expenditures - Budget vs. Actual
July 2023

	Jul 23	Budget	Jan - Jul 23	YTD Budget	Annual Budget
AWS Production fees					
AWS Production Fees - 2023	14,473.20	16,666.66	101,072.40	116,666.62	200,000.00
Total AWS Production fees	14,473.20	16,666.66	101,072.40	116,666.62	200,000.00
Overpumpage of a Permit	52,901.78	4,166.66	854,717.48	29,166.62	50,000.00
Penalty/ Interest	0.00	833.33	27,223.53	5,833.31	10,000.00
Total Lone Star GCD Fees	429,601.55	263,591.64	2,738,320.31	1,845,141.48	3,163,100.00
Total Income	431,806.80	267,383.28	2,788,781.68	1,871,682.96	3,208,600.00
Gross Profit	431,806.80	267,383.28	2,788,781.68	1,871,682.96	3,208,600.00
Expense					
Election Expense	0.00	8,333.33	3,094.00	58,333.31	100,000.00
Litigation					
Legal-DFC Appeal	0.00	4,166.66	0.00	29,166.62	50,000.00
Total Litigation	0.00	4,166.66	0.00	29,166.62	50,000.00
Educate/Public Aware Coordinate					
Community Aware/Public Relation					
Scholarship/Sponsorship	0.00	416.66	0.00	2,916.62	5,000.00
Mach 1 Strategic Communications	0.00	8,166.66	0.00	57,166.62	98,000.00
PAM Units	0.00	1,250.00	259.00	8,750.00	15,000.00
Educational Curriculum Schools	0.00	4,166.66	36,508.85	29,166.62	50,000.00
Rainwater Collection Expansion	0.00	62.50	0.00	437.50	750.00
Website Modification	0.00	416.66	0.00	2,916.62	5,000.00
ET Weather Station Network	65.28	208.33	313.81	1,458.31	2,500.00
Communication/Public Awareness	2,500.00	1,666.66	2,500.00	11,666.62	20,000.00
Conservation Products	0.00	666.66	0.00	4,666.62	8,000.00
Total Community Aware/Public Relation	2,565.28	17,020.79	39,581.66	119,145.53	204,250.00
Total Educate/Public Aware Coordinate	2,565.28	17,020.79	39,581.66	119,145.53	204,250.00
Attorney Fees					
Legislative Consulting	9,000.00	11,666.66	87,000.00	81,666.62	140,000.00
PIA Legal Work	0.00	416.66	2,823.50	2,916.62	5,000.00
General Counsel Work	19,401.00	31,250.00	196,723.77	218,750.00	375,000.00
Legal Work - Additional	849.00	2,500.00	13,341.85	17,500.00	30,000.00
Total Attorney Fees	29,250.00	45,833.32	299,889.12	320,833.24	550,000.00

Lone Star Groundwater Conservation District
Statement of Revenues and Expenditures - Budget vs. Actual
July 2023

	Jul 23	Budget	Jan - Jul 23	YTD Budget	Annual Budget
Board Expense					
Meeting/Conference	186.38	416.66	5,030.37	2,916.62	5,000.00
Per Diem	4,000.00	5,250.00	29,000.00	36,750.00	63,000.00
Payroll Tax Liability - Board	307.26	458.33	2,125.89	3,208.31	5,500.00
Board Meeting Expense	810.02	500.00	4,064.10	3,500.00	6,000.00
Total Board Expense	5,303.66	6,624.99	40,220.36	46,374.93	79,500.00
Advertising/Public Notices					
Audit Fees	21.00	500.00	301.30	3,500.00	6,000.00
Building Expense	0.00	812.50	0.00	5,687.50	9,750.00
Building Maintenance					
Utilities & Housekeeping	1,120.00	2,916.66	37,153.10	20,416.62	35,000.00
Total Building Expense	5,111.00	4,333.33	33,581.59	30,333.31	52,000.00
Computer Support					
Hosting/Internet/Backup	610.00	2,333.33	4,210.60	16,333.31	28,000.00
Repair & Support	1,945.00	2,166.66	12,090.33	15,166.62	26,000.00
Software	184.00	416.66	6,526.24	2,916.62	5,000.00
Total Computer Support	2,739.00	4,916.65	22,827.17	34,416.55	59,000.00
Engineering					
District Engineer	0.00	10,416.66	72,465.50	72,916.62	125,000.00
Engineering Consult Svcs	0.00	16,666.66	155,409.80	116,666.62	200,000.00
GMA 14 Planning	0.00	4,166.66	6,359.99	29,166.62	50,000.00
Well Permit Database Management	0.00	8,333.33	11,631.21	58,333.31	100,000.00
Total Engineering	0.00	39,583.31	245,866.50	277,083.17	475,000.00
Field/Technical Expense					
Field Supplies	0.00	291.66	682.38	2,041.62	3,500.00
Vehicle Fuel Expense	0.00	541.66	2,414.19	3,791.62	6,500.00
Vehicle/Mobile/Lab Repair & Maint	0.00	250.00	820.34	1,750.00	3,000.00
Vehicle -Capital expense	0.00	416.66	0.00	2,916.62	5,000.00
Total Field/Technical Expense	0.00	1,499.98	3,916.91	10,499.86	18,000.00
Insurance					
Bonds	36.59	83.33	307.32	583.31	1,000.00
Building & Property Insurance	402.83	416.66	3,066.83	2,916.62	5,000.00
Errors and Omissions	186.00	216.75	1,226.00	1,517.25	2,601.00
Liability	70.42	98.16	595.42	687.12	1,178.00
Vehicle Insurance	251.25	259.58	1,568.25	1,817.06	3,115.00
Total Insurance	949.09	1,074.48	6,763.82	7,521.36	12,894.00

Lone Star Groundwater Conservation District
Statement of Revenues and Expenditures - Budget vs. Actual
July 2023

	Jul 23	Budget	Jan - Jul 23	YTD Budget	Annual Budget
Manager					
Travel/Edu/Training	0.00	666.66	1,427.07	4,666.62	8,000.00
Vehicle Allowance	0.00	600.00	3,300.00	4,200.00	7,200.00
Total Manager	0.00	1,266.66	4,727.07	8,866.62	15,200.00
Memberships Dues /Subscriptions					
Miscellaneous	0.00	833.33	6,873.00	5,833.31	10,000.00
Miscellaneous Expense					
Miscellaneous	0.00	416.66	37.49	2,916.62	5,000.00
Total Miscellaneous	0.00	416.66	37.49	2,916.62	5,000.00
Office Expenses					
Equipment Lease - Copier	0.00		614.50		
Office Equipment	0.00	541.66	6,268.32	3,791.62	6,500.00
Office Supplies	170.13	500.00	3,123.63	3,500.00	6,000.00
Total Office Expenses	170.13	1,041.66	10,006.45	7,291.62	12,500.00
Payroll Expenses					
Salaries	38,507.62	62,500.00	311,192.85	437,500.00	750,000.00
Payroll Tax Liability	2,851.69	3,875.00	23,372.48	27,125.00	46,500.00
Retirement	2,310.46	3,750.00	18,403.89	26,250.00	45,000.00
Medical/Life	6,433.15	5,833.33	33,579.26	40,833.31	70,000.00
SUI	8.32	208.33	83.14	1,458.31	2,500.00
Workman's Comp	88.59	183.33	905.20	1,283.31	2,200.00
Payroll Service Fees	70.00	83.33	609.95	583.31	1,000.00
Total Payroll Expenses	50,269.83	76,433.32	388,146.77	535,033.24	917,200.00
Postage Expense					
Postage Meter & Supplies	225.88	83.33	626.68	583.31	1,000.00
Postage/Shipping/Delivery Ser	-66.72	500.00	565.92	3,500.00	6,000.00
Total Postage Expense	159.16	583.33	1,192.60	4,083.31	7,000.00
Printing					
Printing	209.08	750.00	2,496.34	5,250.00	9,000.00
Subsidence Study - Phase III					
Additional Scientific Programs	0.00	12,500.00	19,870.63	87,500.00	150,000.00
Hydrogeological Modeling/Protec	0.00	2,083.33	0.00	14,583.31	25,000.00
USGS Joint Funding Agreement	0.00	83.33	200.00	583.31	1,000.00
USGS - Groundwater Level Data	0.00	1,279.16	7,675.00	8,954.12	15,350.00
USGS - Water Level chg/subside	0.00	4,738.00	28,428.34	33,166.00	56,856.00
Total USGS Joint Funding Agreement	0.00	6,017.16	36,103.34	42,120.12	72,206.00
Total Programs	0.00	20,683.82	56,173.97	144,786.74	248,206.00

Lone Star Groundwater Conservation District
Statement of Revenues and Expenditures - Budget vs. Actual
July 2023

12:46 PM
08/03/23
Accrual Basis

	Jul 23	Budget	Jan - Jul 23	YTD Budget	Annual Budget
Rebate Water Use Fees	0.00	1,250.00	0.00	8,750.00	15,000.00
Travel/Training Staff	484.95	666.66	3,024.52	4,666.62	8,000.00
Depreciation	0.00	4,166.66	0.00	29,166.62	50,000.00
Total Expense	98,352.18	245,708.10	1,205,873.74	1,719,956.70	2,948,500.00
Net Ordinary Income	333,454.62	21,675.18	1,582,907.94	151,726.26	260,100.00
Net Income	333,454.62	21,675.18	1,582,907.94	151,726.26	260,100.00

● Trending now

TEXAS LEGISLATURE[New tax relief plan could save Texas...](#)**BUSINESS**[Baylor Scott & White Health announces partnership...](#)**TEXAS LEGISLATURE**[Gov. Abbott appoints longtime adviser as interim...](#)**GOVERNMENT**[Houston will soon need a new area...](#)**ARTS & E**[3 events held in Montgomery!](#)[HOUSTON](#) / [CONROE - MONTGOMERY](#) / [GOVERNMENT](#)

Lone Star Groundwater Conservation District selects new general manager

By [Cassandra Jenkins](#) | 11:12 AM Jul 13, 2023 CDT

Updated 11:12 AM Jul 13, 2023 CDT



The Lone Star Groundwater Conservation District selected a new general manager July 11. (Community Impact staff)

The Lone Star Groundwater Conservation District selected a new general manager at a board meeting [July 11](#).

What happened

According to a previous [Community Impact](#) report, LSGCD's previous general manager, Samantha Reiter, resigned from the position June 15. The board said after interviewing five different candidates, they chose Sarah Kouba as the new general manager.

- Kouba was hired under the terms and conditions that were discussed during executive session.
- She is expected to be present at the next board meeting.
- President Jim Spigener said Kouba was part of an organization that played a major role in recovery efforts for the city of Houston after Hurricane Harvey.

What they are saying: "She brings to the table some great experience with different entities and local governments and has demonstrated in her past work performance that she can work with the bureaucracy that exists in many different organizations as well as get people to work together to get the results that work best for the entity that she's working for," LSGCD Secretary Janice Thigpen said.

By [Cassandra Jenkins](#)
Reporter, Conroe/Montgomery

Cassandra joined *Community Impact* in November 2022. Covering Conroe and Montgomery County, she reports on local government, education, business, transportation and dining. Cassandra graduated from Lamar University in May 2019 where she spent four years at the student-run newspaper as editor in chief. Before joining CI, she spent time at The Port Arthur News, a local, daily newspaper in The Golden Triangle. She also operated as a freelance travel and magazine writer for numerous publications. Outside of the newsroom, she enjoys reading, traveling, being outdoors and photography.



Thank you for reading Community Impact

Want more from CI? Becoming a CI Patron grants you access to an exclusive weekend newsletter and CI Swag. Your one-time or monthly donation catapults our mission to hire high-quality journalists and provide trusted news in Texas communities.

Become a CI Patron

More stories from Conroe - Montgomery

EDUCATION

[Willis ISD names Sara Goolsby as acting ...](#)

CITY & COUNTY

[Libraries in Montgomery County to add more ...](#)

CITY & COUNTY

[Conroe officials break ground on Oscar Johnson ...](#)

ARTS & ENTERTAINMENT

[Here are 4 events happening this weekend ...](#)

...

More stories from Houston Metro

BUSINESS

[Workspace provider Industrious opens new](#)

GOVERNMENT

[League City officials inventorying all pipes for](#)

HOUSING & REAL ESTATE

[Fort Bend County property appraisals spike](#)

HEALTH CARE

[Support organization Heartland Dental to open](#)

[location in ...](#)

...

[as ...](#)

[office ...](#)

Austin Metro

- Austin Metro Home
- Cedar Park | Far Northwest Austin
- Central Austin
- Georgetown
- Lake Travis | Westlake
- Leander | Liberty Hill
- New Braunfels
- North | Northwest Austin
- Round Rock
- Pflugerville | Hutto
- San Marcos | Buda | Kyle
- Southwest Austin | Dripping Springs

Houston Metro

- Houston Metro Home
- Bay Area
- Bellaire | Meyerland | West University
- Conroe | Montgomery
- Cy-Fair | Cypress
- Heights | River Oaks | Montrose
- Katy | Fulshear
- Lake Houston | Humble | Kingwood
- Pearland | Friendswood
- Spring | Klein
- Sugar Land | Missouri City
- The Woodlands
- Tomball | Magnolia

Dallas | Fort Worth Metro

- Dallas | Fort Worth Metro Home
- Flower Mound | Highland Village | Argyle
- Frisco
- Grapevine | Colleyville | Southlake
- Keller | Roanoke | Northeast Fort Worth
- Lake Highlands | Lakewood
- Lewisville | Coppell
- McKinney
- Plano North
- Plano South
- Prosper | Celina
- Richardson

SAN ANTONIO METRO

- San Antonio Metro Home
- North San Antonio
- Northeast San Antonio Metrocom



(866) 989-6808

[TERMS OF SERVICE](#) | [PRIVACY POLICY](#) |

© 2005-2023 Community Impact Newspaper Co. All rights reserved.

Trending now

EDUCATION

['More holistic' school accountability ratings will be...](#)

DEVELOPMENT

[Tesla showroom, service center slated for former...](#)

BUSINESS

[5 trending Houston stories: new Shake Shack...](#)

HOUSING & REAL ESTATE

[17 retail buildings under construction in The...](#)

TRANSPORATION

[TxDOT expands Montgomery...](#)

[HOUSTON](#) / [THE WOODLANDS](#) / [GOVERNMENT](#)

Sarah Kouba takes general manager position at Lone Star Groundwater Conservation District



By [Vanessa Holt](#) | 10:20 AM Aug 1, 2023 CDT
Updated 10:20 AM Aug 1, 2023 CDT



The Lone Star Groundwater Conservation District selected a new general manager July 11. (Community Impact staff)

[Lone Star Groundwater Conservation District](#) announced the appointment of its new general manager, Sarah Kouba, in an Aug. 1 news release.

Community Impact [previously reported](#) on the decision following the board's July 11 meeting. The appointment follows the [June resignation](#) of previous manager Samantha Reiter.

LSGCD manages and regulates groundwater resources for Montgomery County.

A closer look

According to a news release from LSGCD, Sarah Kouba's background includes engineering and program leadership.

- She has acted as the scheduling director at Arcxis Engineering and Inspection Solutions.

- Kouba was the disaster repair program director at Houston Habitat for Humanity following Hurricane Harvey.

The general manager's responsibilities include acting as primary district contact for staff, public relations and for outreach as well as building relationships with other stakeholders, legislators and the media. She will also coordinate technical studies, manage contracts and work with the board to develop a comprehensive management plan.

What they're saying

"We are thrilled to welcome Sarah Kouba as the new general manager of the Lone Star Groundwater Conservation District," said Jim Spigener, president of the board of directors, in a statement. "Sarah has the full support of the board of directors and the Lone Star Groundwater Conservation District staff in her new role as general manager moving forward."

By [Vanessa Holt](#) 

A resident of the Houston area since 2011, Vanessa began working in community journalism in her home state of New Jersey in 1996. She joined *Community Impact Newspaper* in 2016 as a reporter for the Spring/Klein edition and became editor of that paper in March 2017 and editor of The Woodlands edition in January 2019.

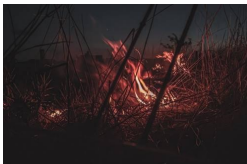


Thank you for reading Community Impact

Want more from CI? Becoming a CI Patron grants you access to an exclusive weekend newsletter and CI Swag. Your one-time or monthly donation catapults our mission to hire high-quality journalists and provide trusted news in Texas communities.

[Become a CI Patron](#)

More stories from The Woodlands



GOVERNMENT

[Burn ban now in effect for Montgomery...](#)



DINING

[25 eateries in The Woodlands area participating...](#)



DEVELOPMENT

[Tesla showroom, service center slated for former...](#)



ARTS & ENTERTAINMENT

[Cynthia Woods Mitchell Pavilion president and CEO...](#)

More stories from Houston Metro

EDUCATION

Katy ISD board approves \$840.6M bond committee

...

TRANSPORTATION

Traffic volumes projected to jump 57% on ...

TRANSPORTATION

Issues linger along widened El Dorado Boulevard

DINING

3 Lake Houston-area eateries participating in Houston ...

Austin Metro

- Austin Metro Home
- Cedar Park | Far Northwest Austin
- Central Austin
- Georgetown
- Lake Travis | Westlake
- Leander | Liberty Hill
- New Braunfels
- North | Northwest Austin
- Round Rock
- Pflugerville | Hutto
- San Marcos | Buda | Kyle
- Southwest Austin | Dripping Springs

Houston Metro

- Houston Metro Home
- Bay Area
- Bellaire | Meyerland | West University
- Conroe | Montgomery
- Cy-Fair | Cypress
- Heights | River Oaks | Montrose
- Katy | Fulshear
- Lake Houston | Humble | Kingwood
- Pearland | Friendswood
- Spring | Klein
- Sugar Land | Missouri City
- The Woodlands
- Tomball | Magnolia

Dallas | Fort Worth Metro

- Dallas | Fort Worth Metro Home
- Flower Mound | Highland Village | Argyle
- Frisco
- Grapevine | Colleyville | Southlake
- Keller | Roanoke | Northeast Fort Worth
- Lake Highlands | Lakewood
- Lewisville | Coppell
- McKinney
- Plano North
- Plano South
- Prosper | Celina
- Richardson

SAN ANTONIO METRO

- San Antonio Metro Home
- North San Antonio
- Northeast San Antonio Metrocom



(866) 989-6808

TERMS OF SERVICE | PRIVACY POLICY |

© 2005-2023 Community Impact Newspaper Co. All rights reserved.

FOR IMMEDIATE RELEASE
August 1, 2023



Media Contact
Justin Saenz, 936-494-3436
jsaenz@lonestargcd.org

LONE STAR GROUNDWATER CONSERVATION DISTRICT ANNOUNCES NEW GENERAL MANAGER

August 1, 2023 - The Lone Star Groundwater Conservation District (LSGCD) is pleased to announce the appointment of Sarah Kouba as its new General Manager. This marks a significant milestone for the District as it continues to address the water needs of one of the nation's fastest-growing counties.

Lone Star Groundwater Conservation District plays a vital role in managing the groundwater resources of Montgomery County, a region projected to exceed one million residents within the next 25 years. The District's regulatory program emphasizes the best conservation and development practices, protecting private property rights while preserving groundwater resources for future generations.

Sarah Kouba joins LSGCD with an impressive background in engineering and program leadership. With previous experience as the Scheduling Director at Arcxis Engineering and Inspection Solutions, she excelled in managing teams and overseeing operations across various divisions. Additionally, Kouba showcased her exceptional capabilities as the Disaster Repair Program Director at Houston Habitat for Humanity, leading the successful launch of the largest repair program internationally following the impact of Hurricane Harvey.

As the newly appointed General Manager, Sarah Kouba will assume various key responsibilities critical to LSGCD's mission and growth. She will serve as the primary District contact for staff, public relations, and outreach initiatives, fostering strong relationships with stakeholders, legislators, and the media. Kouba's responsibilities also include coordinating technical studies, managing contracts, and assisting the Board in developing and implementing a comprehensive management plan.

"We are thrilled to welcome Sarah Kouba as the new General Manager of the Lone Star Groundwater Conservation District," stated Jim Spigener, President of the Board of Directors. "Sarah has the full support of the Board of Directors and the Lone Star Groundwater Conservation District Staff in her new role as General Manager moving forward."

The appointment of Sarah Kouba follows an extensive hiring process, involving a rigorous review of resumes, vetting of candidates, and comprehensive interviews with the Executive Committee, Office Staff, and General Counselor. The recommendation was then presented to the Board of Directors, at the July 11, 2023 Board of Director's Meeting, who unanimously approved Kouba's appointment.

Lone Star Groundwater Conservation District looks forward to the leadership and expertise Sarah Kouba brings to the organization. Her appointment aligns with the District's commitment to sustainable water management and addressing the water needs of Montgomery County.

About LSGCD: LSGCD is led by a seven-member elected board of directors, whose primary interests are to regulate and conserve groundwater in Montgomery County while protecting the property rights and economic interests of the citizens who own the groundwater.

###



 **TEXAS GROUNDWATER SUMMIT**
August 29-31, 2023 • San Antonio

Thanks to our Speaker Gifts Sponsor!

www.texasgroundwater.org
Presented by Texas Alliance of Groundwater Districts




Texas Alliance of Groundwater Districts

5h · 🌐



We ❤️ our speakers and can't wait to learn from everyone! Thanks to **Lone Star Groundwater Conservation District** for helping us treat speakers at the 2023 Texas Groundwater Summit. Learn more about [#txgroundwater2023](#) and register here: <https://buff.ly/3IMFs7D> #groundwater #txwater

 You and 1 other

 Like

 Comment

 Share



Write a comment...



