

AGENDA
Lower Colorado Regional Water Planning Group Meeting
January 11, 2023

LCRA Dalchau Service Center
3505 Montopolis Drive
Austin, TX
10:00 a.m.

Regular Meeting:

1. Call to Order – Chair David Van Dresar
2. Welcome and Introductions – Chair Van Dresar
3. Receive public comments on specific issues related to agenda items 4 through 14. (Public comments limited to 3 minutes per speaker.)
4. Planning Group Membership – Secretary Teresa Lutes
 - a. Roll Call Attendance
 - b. Attendance Report
5. Consider approval of Minutes – Chair Van Dresar
 - a. October 25, 2022
6. Report on Nominating Committee Recommendations – Ann McElroy, Chair of Nominating Committee
 - a. Discuss and take action on election of Executive Committee and Officers for calendar year 2023
7. Committee Reports
 - a. Report on Population and Demand Committee meeting, November 2, 2022 - Lauri Gillam, Committee Chair
8. Voting Member representing Counties interest category - Chair Van Dresar
 - a. Review nomination and recommendation from Executive committee

- b. Discussion and possible action to elect a new voting member representing the Counties interest category
- 9. Discussion and possible action to support a Waiver of Consistency for the proposed Liberty Hill projects.
- 10. Texas Water Development Board (TWDB) Report
 - a. Update on regional water planning activities and schedules – Lann Bookout, TWDB
- 11. Consultant Report – Neil Deeds, INTERA
 - a. Present summary of current population projections, initial discussion
 - b. Other progress to date
 - c. Upcoming efforts
- 12. Interregional Coordination Activities – Chair Van Dresar
- 13. Financial Report – Chair Van Dresar
- 14. Recognition of recently resigned Lower Colorado Regional Water Planning Group members – Chair Van Dresar
- 15. Upcoming meetings
 - a. Location and date of next RWPG meeting
 - b. Other committee meetings
 - i. Population and Demand Committee meeting: being scheduled for late January/early February
- 16. New / Other Business (time permitting)
- 17. Public Comments – limit 3 minutes per person
- 18. Adjourn

Item 4.b.
Attendance Report

Lower Colorado Regional Water Planning Group Meeting Voting Member Attendance Record
for Secretary's LCRWPG Voting Member Attendance Report on 1/11/2023

Voting Members									
Name	Interest	County	7/21/2021 Virtual	9/15/2021 Dalchau Service Center Austin	1/26/2022 Dalchau Service Center Austin	4/27/2022 Dalchau Service Center Austin	7/27/2022 Dalchau Service Center Austin	10/26/2022 Dalchau Service Center Austin	
1 Berglund, Daniel	Small Business	Wharton	X	Absent	X	Absent	X	X	
2 Brasher, Jim	GMA 15	Colorado	X	X	X	X	Absent	Absent	
3 Castleberry, Christianne	Water Utilities	Bastrop			X Elected	X	X	X	
4 Fieseler, Ron	GMA 9	Blanco	X	Absent - Alternate Attended	X	X	X	X	
5 Gillam, Lauri	Municipalities	Travis	X	X	X	X	X	X	
6 Johnson, Barbara	Industries	Travis	X	X	X	X	X	X	
7 Lindsay, David	Recreation	Travis	X	X	X	X	X	X	
8 Loftus, Tim	GMA 10	Travis					Appointed by GMA	X	
9 Ludwig, Jason	Electric Gen. Utilities	Matagorda	Absent	Absent	X	X	X	Absent	
10 Luther, Jim	Counties	Burnet	Absent	X	X	Absent	X	X	
11 Lutes, Teresa	Municipalities	Williamson	Absent - Alternate Attended	Absent - Alternate Attended	X	X	Absent - Alternate Attended	X	
12 Masters, Monica	River Authorities	Travis					Elected	X	
13 McElroy, Ann	Environmental	San Saba	Absent	Absent	X	X	Absent - Alternate Attended	X	
14 Olewin, Carol	Public	Travis		Elected	X	X	X	X	
15 Olfers, Charles	Agriculture	Gillespie	X	Absent	Absent - Alternate Attended	Absent	Absent	Absent	
16 Reagor, Mike	Municipalities	Llano	X	X	X	X	X	X	
17 Ruggiero, Robert	Small Business	Travis	X	X	X	Absent	Absent - Alternate Attended	X	
18 Sliva, Paul	Agriculture	Matagorda	Absent	Absent	X	Absent	X	X	
19 Sodek, Mitchell	GMA 8	Burnet	X	X	Absent - Alternate Attended	X	X	X	
20 Theodosios, Byron	Counties	San Saba	X	X	X	Absent	X	X	
21 Totten, Jim	GMA 12	Bastrop	X	Absent	X	X	X	Absent	
22 Tybor, Paul	GMA 7	Gillespie	X	X	X	X	Absent - Alternate Attended	X	
23 Uecker, Emil	Counties	Blanco			Elected	X	X	Absent	
24 Van Dresar, David	Water Districts	Fayette	X	X	Absent	Absent	Absent	X	
25 Walker, Jennifer	Environmental	Travis	X	X	X	Absent - Alternate Attended	X	X	

*Jan. 1/Dec. 31st of previous year (for example, 2021 terms expire Dec. 31st, 2020)

Item 5.a.

Meeting Minutes, October 25, 2022

DRAFT MEETING MINUTES
Lower Colorado Regional Water Planning Group Meeting
October 26, 2022, 10:00 a.m.
LCRA Dalchau Service Center
3505 Montopolis Drive
Austin, TX

Members Signed in:

Daniel Berglund, Small Business	Ann McElroy, Environmental
Christianne Castleberry, Water Utilities	Carol Olewin, Public
Ron Fieseler, GMA 9	Mike Reagor, Municipalities
Lauri Gillam, Municipalities	Robert Ruggiero, Small Business
David Lindsay, Recreation	Paul Sliva, Agriculture
Barbara Johnson, Industries	Mitchell Sodek, GMA 8
Tim Loftus, GMA 10	Byron Theodosis, Counties
Jim Luther, Counties	Paul Tybor, GMA 7
Teresa Lutes, Municipalities	David Van Dresar, Water Districts
Monica Masters, River Authorities	Jennifer Walker, Environmental

Voting Members Absent

Jim Brasher, GMA 15	Jim Totten, GMA 12
Jason Ludwig, Electric Gen. Utilities	Emil Uecker, Counties
Charles Olfers, Agriculture	

Support/Consultants/Visitors

Neil Deeds, INTERA	Sara Eatman, Austin Water
Van Kelly, INTERA	Helen Gerlach, Austin Water
Annette Keaveny, LCRA	Sarah Hoes, Austin Water
Lann Bookout, TWDB	Jason Afinowitz, FNI
Amanda Covington, TWDB	David Bradsby, Blanton & Associates
Katie Dahlberg, TWDB	Alicia Smiley, Black & Veatch

Bob Reedy, UT BEG	Jamie Burke, Black & Veatch
Blake Neffendorf, City of Buda	Mike Thuss, WRA
Sue Thornton, CTWC and Alternate for Recreation	Jody Fauley, Alternate for Counties
Cindy Smiley, Smiley Law Firm	Paul Babb, GMA 9-8
Robert Adams, Plummer	Jason Homan, Alternate for Environmental
Charlie Flatten, HTGCD	David Young, TPWD
Earl L. Foster, LMUD	Laurence Brown, TSSWCB
Shrader Davis, CTGCD	

Quorum

Quorum: Yes

Number of voting members or alternates representing voting members present: 20

Number required for quorum per current voting membership of 25: 13

Number of voting members required for 2/3 vote: 17

Formal Actions Taken:

1. The Planning Group accepted the resignation of Judge Byron Theodosis and approved a motion to post for nominations for the vacant Counties position with LCRA to send notice to County Judges and County Clerks via email rather than physical mail.
2. The minutes from the July 27, 2022 were approved as presented.
3. The Planning Group approved a motion to hold future full Planning Group regular meetings in person and to post an audio recording of the meeting, available to the public.
4. Terry Bray was approved as the Region K Liaison to the Region G Planning Group.

Regular Meeting:

1. Chair David Van Dresar called the meeting to order at 10:01 am.
2. Chair Van Dresar welcomed all to the meeting and introduced TWDB Director George Peyton:
 - a. Director Peyton shared his appreciation for the planning groups who do the heavy lifting for planning around the state. Director Peyton noted that Texas is projecting population growth of 70% over the next 50 years and water supplies are becoming more difficult to access. The Director thanked the planning group for their participation in finding the best path forward.

3. Public comment

- a. Blake Neffendorf, City of Buda, stated that the bylaws say that the planning group may post requests for nominations publicly and he encouraged the group to post publicly, suggesting that this is the fairest way to fill a vacancy.

4. Planning Group Membership – Secretary Teresa Lutes

- a. Teresa Lutes conducted a verbal attendance roll call.
 - b. Ms. Lutes called the groups attention to the attendance report included in the packets and requested review and corrections, if needed.
 - c. Voting Member representing the Counties interest category:
 - i. Chair Van Dresar and the planning group acknowledged the resignation of Judge Byron Theodosios and his participation in Region K for 12 years; a plaque of appreciation and service was given to Judge Theodosios along with the group’s gratitude. The Judge expressed his appreciation for the opportunity to serve on the board.
 - ii. Chair Van Dresar stated that the bylaws allow for the planning group to decide whether or not to post for nominations to fill a vacancy. Barbara Johnson and others expressed support to post the vacancy and request nominations. Members suggested that the bylaws should be followed; Teresa Lutes clarified that the bylaws allow us to post or not post at the discretion of the group, but in this case she supported posting. Ms. Lutes made a motion to post the position for nominations and election, which was seconded by Daniel Berglund. Monica Masters asked for a friendly amendment to allow LCRA to send notice to County Judges and County Clerks via email rather than physical mail; Barbara Johnson clarified that the current bylaws allow for email notification, so no amendment is needed. The motion to post for nominations for the vacant Counties position, LCRA to send notice to County Judges and County Clerks via email, was approved with none opposed.
5. Chair Van Dresar asked that the planning group review and consider approval of meeting minutes from the July 27, 2022 RWPG meeting. Daniel Burglund made a motion to approve minutes as written; Ron Fieseler seconded and the motion was approved with none opposed.
6. Meeting logistics - Chair Van Dresar outlined meeting format options: in person, virtually, or in a hybrid format. The Chair noted his preference for in-person meetings and requested the group’s opinions on best logistics.

Teresa Lutes discussed the pros and cons of each, and presented some possible hybrid options, where certain individuals like presenters and the Executive Committee would attend in person but a hybrid option would be available so planning group members and individuals from the public could participate virtually. Ms. Lutes noted that another option is to hold meetings at different locations throughout the basin. Jennifer Walker asked LCRA to describe the technology

requirements of online/hybrid meetings to better understand what's practical. Monica Masters stated that LCRA has three rooms that can accommodate the virtual meetings and a fairly small AV team that helps with set up. As long as Region K meetings don't conflict with other LCRA commitments, Ms. Masters indicated that it shouldn't be a problem to accommodate online or hybrid meetings. Committee meetings have mostly been held at INTERA offices, which can also potentially host small hybrid meetings. Ron Fieseler noted that Region L and the flood planning group he is on meet in person, but either stream or post a recording of their meetings for the public to watch. He noted his preference not to have hybrid meetings because they're complicated and often have technology/audio issues. Mike Reagor noted that his alternate attends online when available, and this option is helpful. Ron Fieseler asked if it's easier to record and post the recording later as opposed to streaming the meeting live. Monica Masters said that it is easier for LCRA to audio record and post rather than host a hybrid or streaming meeting. Carol Olewin suggested that if the group selects hybrid meetings, there should be rules that ensure high sound quality for presentations. Jennifer Walker asked if it's possible to stream the meeting without having a way for people watching to provide input. Chair Van Dresar said that he thought that the public needed to have a way to provide comment, this question could be looked into further in the future. David Lindsay said that if the meeting locations moved around the basin, David would support a hybrid option. Barbara Johnson noted that she found it difficult to conduct hybrid meetings as a committee chair. Mitchell Sodek and Paul Sliva both noted their preference for in-person meetings even though they have a long drive to Austin.

Ron Fieseler made a motion for the full planning group meetings to occur in-person only and Lauri Gillam seconded the motion. Teresa Lutes offered a friendly amendment to the motion, suggesting that at least one meeting per year be held outside of Austin. After further discussion Ms. Lutes withdrew the motion, noting that this could be accomplished for individual meetings in the agenda item to consider the date and location of the next meeting. Discussion followed regarding LCRA's ability to stream or record meetings outside of Austin; Ms. Masters noted that LCRA could record but not stream meetings outside of their Austin facilities. Additionally, Ms. Lutes clarified that this is an audio recording as opposed to a video recording. David Lindsay asked for clarification if the motion applied to all Region K meetings including committee meetings; Mr. Fieseler clarified that his motion referred only to full planning group regular meetings. Mr. Fieseler's motion was revised to future full planning group regular meetings to occur in-person with an audio recording being made available online afterwards. The motion was approved.

7. Texas Water Development Board (TWDB) Report

- a. Lann Bookout, TWDB, presented a timeline for projections to be released to planning groups by TWDB. Population and municipal demand projections are expected in February of 2023, comments from Region K are due August

2023. All data released by TWDB so far is available online.¹ There are significant new requirements for 2026 Regional Water Plans, including a technical memo for anticipated sedimentation, a separate section for reuse availability, a new template checklist for hydrologic variance requests, identification of infeasible water management strategies in the approved 2021 plans, and a review of near-term water management strategies to determine implementation strategies. Daniel Berglund asked who determines whether a project is feasible or infeasible; Lann noted that the regional water planning groups are responsible for determining those criteria, but TWDB can provide suggestions and feedback.

- b. Katie Dahlberg, TWDB, presented on the irrigation projections for irrigation demands for the 2026 regional water plans. The methodology is essentially the same as the last planning cycle: draft irrigation demands are based on the average of the most recent five-year water use estimates (2015-2019) for each county, and either held constant or reduced proportionally where groundwater availability falls below baseline demands. The new projections are lower for 2027 than in 2022. Last planning cycle, Region K requested an increase in irrigation demands in near-term horizon and requested gradual decline in further-out horizons.²

Ron Fieseler explained that groundwater management area (GMA) rules allow for aquifers or portions of aquifers to be declared as not relevant for joint planning purposes.³ Non-relevant modeled available groundwater (MAG) refers to portions of aquifers that GMAs can manage but are not captured in the model. The Planning Group asked why TWDB chose to constrain irrigation demands only based on groundwater and not surface water. Ms. Dahlberg replied that there is not detailed or sufficient water use information available to apply the same methodology using surface water.

- c. Bob Reedy, of Bureau of Economic Geology, presented on the mining projections and methodology. All data is available in the report on the TWDB website. Three main sectors discussed: coal mining (smallest use), oil & gas mining (biggest user), and aggregate mining. The study considered mining use statewide, but demands are driven by the major oil and gas plays. Overall projections stay relatively constant in nearer decades and drop off towards the end of the planning horizon as oil and gas drilling is projected to decrease.⁴

¹ TWDB projections for 6th Cycle of planning:

<https://www.twdb.texas.gov/waterplanning/data/projections/2027/projections.asp>

² Irrigation projection methodology:

https://www.twdb.texas.gov/waterplanning/data/projections/2027/doc/IrrigationProjMethod_2026RWP.PDF

³ TWDB reference on Joint Groundwater Planning:

https://www.twdb.texas.gov/groundwater/docs/TWDB%20DFC%20Support_May%202020.pdf

⁴ BEG report for TWDB: <https://www.twdb.texas.gov/waterplanning/data/projections/MiningStudy/index.asp>

8. Consultant Report - INTERA

Neil Deeds and Van Kelley provided the consultant report from INTERA. Mr. Deeds noted that Stephanie Moore, who had been the Project Manager (PM), moved abroad and Mr. Deeds is the new PM.

- a. INTERA has submitted the request to TWDB for revisions to the list of Water User Groups (WUGs). Revision requests for irrigation and mining projections are due on July 14, 2023 and INTERA has begun their review.
- b. Mr. Deeds noted that INTERA will continue to review the mining and irrigation projections, evaluate availability and existing water supplies, and review the draft population and municipal demand projections when they're made available (scheduled for February of 2023).

9. Interregional Coordination Activities – Chair Van Dresar

- a. Interregional Planning Council meeting, November 9, 2022
- b. Updates from liaisons to neighboring planning regions
 - i. Liaison to Region G: empty
 - ii. Liaison to Region J: Paul Tybor did not attend the last meeting but will review the agenda and minutes.
 - iii. Liaison to Region L: Ron Fieseler plans to attend the next meeting, scheduled for November 3rd, but may have a conflict.
 - iii. Liaison to Region P: Daniel Berglund attended the last meeting, on September 19th, looked at TWDB projections and reviewed the planning process.
 - iv. Liaison to Region F: empty
 - v. Liaison to Region H: empty
- c. Consideration of vacancies
 - i. Barbara Johnson recommended Terry Bray, her alternate, as the Liaison to Region G. Mr. Bray is a lawyer who works in the water area, has strong interest in water issues. The group approved Terry Bray as Liaison to Region G.

10. Financial report was included in the meeting packet for review. Chair Van Dresar observed that the Planning Group is on track so far with projected expenses.

11. Upcoming meetings

- a. Location and date of RWPG meeting
 - i. January 11, 2023 at LCRA Dalchau Center in Austin
- b. Other committee meetings
 - i. The Population and Demand Committee meeting will be held November 2nd

12. New/other business

- a. Ron Fieseler stated his concern that this agenda heading is not specific enough to meet State of Texas meetings requirements. Recommend changing wording to “future agenda topics”.

13. Public comments

- a. None.

14. Chair Van Dresar adjourned the meeting at 12:17 pm.

Item 6.
Report on Nominating Committee
Recommendations

Nominating Committee Meeting Minutes

Recommended Slate of Candidates

**DRAFT Meeting Minutes
Lower Colorado Regional Water Planning Group
Nominating Committee Meeting**

December 7, 2022, 1:00 p.m.

Hybrid Meeting

In-person at the INTERA Offices, 9600 Great Hills Trail Suite 300W, Austin, Texas
Online access via Microsoft Teams

Members in Attendance:

Ann McElroy – Chair
Carol Olewin
Jim Brasher
Barbara Johnson

Quorum present

Regular Meeting:

1. Chair Ann McElroy called the meeting to order at 9:00 am.
2. Chair Ann McElroy welcomed the nominating committee members present.
3. No public comments were received.
4. Chair McElroy presented a slate of nominations for the Executive Committee positions for 2023:
 - a. Chair: David Van Dresar, Groundwater Districts, Fayette County
 - b. Vice-Chair: Monica Masters, River Authority, Travis County
 - c. Secretary: Teresa Lutes, Municipalities, City of Austin
 - d. Members at-large:
 - i. Mike Reagor, Small Municipalities, Llano County
 - ii. Christianne Castleberry, Water Utilities, Travis County
 - iii. Jim Brasher, GMA 9, Colorado County

The Committee discussed the rules in the bylaws that no two members of the Executive Committee should represent the same interest category. It was noted that the Regional Water Planning rules do not differentiate between “Small Municipalities” and “Municipalities”; that distinction is specific to Region K. The committee determined that the distinction between interest categories that Region K uses is sufficient to consider the members from “Small Municipalities” and “Municipalities” as representing separate interest categories, but suggested that this be discussed at the full planning group meeting.

5. No new or other business was raised.
6. No public comments were received.
7. Chair McElroy adjourned the meeting at 1:25.

January 11, 2023
Lower Colorado Regional Water
Planning Group Meeting

From the Nominating Committee:

Proposed Slate of nominations for the Executive Committee positions for 2023:

- a. Chair: David Van Dresar, Groundwater Districts, Fayette County
- b. Vice-Chair: Monica Masters, River Authority, Travis County
- c. Secretary: Teresa Lutes, Municipalities, City of Austin
- d. Members at-large:
 - i. Mike Reagor, Small Municipalities, Llano County
 - ii. Christianne Castleberry, Water Utilities, Travis County
 - iii. Jim Brasher, GMA 9, Colorado County

Item 8.a.
Review nomination and
recommendation from Executive
committee

Nominee name	Jody Fauley
Nominee phone	[REDACTED]
Nominee email	[REDACTED]
Nominee mailing address	P. O. Box 308 San Saba, TX 76877
County in which the nominee resides	San Saba County
Nominee occupation	Attorney/County Judge
Brief bio and summary of qualifications of the nominee	As the newly elected county judge of San Saba County, Jody Fauley, understands the importance of the best practice in the planning and utilization of this limited and extremely valuable resource. He is committed to getting up to speed quickly, and being an active contributor to the management of this resource for the best possible outcome for both the people and the businesses of our region.
Describe the nominee's water planning-related knowledge, experience and approximate number of years of being involved in water planning-related issues	Although this is a topic of high interest this would be Judge Fauley's first opportunity to serve on a board that is involved in the planning of water resource.
Describe how the nominee is affiliated with, and/or will adequately represent, counties	As the newly elected county judge of San Saba County, he feels a strong commitment to become well informed and active on this board. A person with good common sense, Jody recognizes this board's important function, along with its ever increasing role in the future for all the counties in our region.
List any support or endorsement the nominee may have from individuals or entities that collectively represent counties	Jody is an attorney whose chosen field of practice is adoptions. He has a proven record of service and was elected by a landslide because of the great esteem of all those that know him, both professionally and personally. He has a tireless work ethic. He is fair, and the future of this region will be his total focus.
Name of person submitting this form (nominator may be the same as nominee)	Byron Theodosis
Email of person submitting this form	[REDACTED]

Nominee name	Jody Fauley
Nominee phone	[REDACTED]
Nominee email	[REDACTED]
Nominee mailing address	PO Box 308 San Saba, TX 76877
County in which the nominee resides	San Saba
Nominee occupation	County Judge, Attorney
Brief bio and summary of qualifications of the nominee	See attached Curriculum Vitae
Describe the nominee's water planning-related knowledge, experience and approximate number of years of being involved in water planning-related issues	see nomination from Byron Theodosis
Describe how the nominee is affiliated with, and/or will adequately represent, counties	County Judge, San Saba County
List any support or endorsement the nominee may have from individuals or entities that collectively represent counties	Byron Theodosis, Region K Board Member and retiring San Saba County Judge
Name of person submitting this form (nominator may be the same as nominee)	Jody Fauley
Email of person submitting this form	[REDACTED]
Please upload any related documents (resume, CV, letters of recommendation, etc.)	[REDACTED] [REDACTED] [REDACTED]

Curriculum Vitae of Jody A. Fauley
County Judge, San Saba County, Texas
PO Box 308
San Saba, Texas 76877

Personal Information

Employment History Attorney, Private Practice 2004-Present
Partner, Licensed Escrow Officer, Title Company 2014-2022

Education **Regent University School of Law**
Doctor of Jurisprudence, Cum Laude May 2004

Angelo State University
Bachelor of Business Administration December 1995

Wall High School May 1990

Activities **State Bar of Texas**
-Grievance Committee Member 2018-2022
-Committee Chair 2020-2022
-Licensed Attorney 2004-Present

Highland Lakes Bar Association

Tom Green County Bar Association
-Past President

Rotary Club of San Saba, Texas 2014-Present
-President, 2015-2016

San Saba County Child Welfare Board 2019-2022
-President 2020-2022

Pregnancy Help Center of Concho Valley 2005-2011
-Past Board President

First Baptist Church of San Saba, Texas
-Deacon, Chairman of Deacons 2020-2022

Awards/Honors **Regent University School of Law**
-Servant/Spiritual Leadership Award, Regent University 2004
-Chairman, Regent University Moot Court Board 2003-2004

State Bar of Texas
-Outstanding Service Award 2020/2021
-Outstanding Service Award 2021-2022

Rotary Club of San Saba
-Rotarian of the Year 2014/2015

Criselda Paz Award – Lawyer of the Year 2019
-“for exhibiting Diligence, Community Contributions,
and Professionalism in legal work...”

Item 9.

Discussion and possible action to support a Waiver of Consistency for the proposed Liberty Hill projects.

Texas Water

Development Board

OLA ID 1582292

PIF No. 14511

Entity Name: Liberty Hill

Project Name: Liberty Hill #3-New Drinking
Supply System originating from
Gandy Tract Pond

TABLE OF CONTENTS

General Information

Contact Information

Service Area

Document - ServiceAreaMap

Previous PIF

Project Description

Rating Criteria for PWS Projects

Document - PWSContaminants

Document - PWSDistPressLessThirtyFivePsi

Rating Criteria for All Projects - Effective Management

Document - WaterConservation

Green Project Information

Refinancing.

Readiness to Proceed to Construction

Estimated Costs

Document - EstimatedCostsSignature

Disadvantaged Community

Document - HouseHoldConnectionsMap

Additional Attachments

Document - Additional_Attachments

Document - Additional_Attachments

Document - Additional_Attachments

Document - Additional_Attachments

Previous PIF

Previous PIF N

Project Description

Project Name Liberty Hill #3-New Drinking Supply System originating from Gandy Tract Pond

Project Short Desc The proposed project includes planning, design, and construction of the first phase of a raw water intake at the Gandy tract spring-fed pond, raw water pipeline, and surface water treatment plant to provide the City of Liberty Hill with a new source of drinking water supply and treatment capacity.

Project Long Desc Liberty Hill is a city in Williamson County with a population of over two thousand people based on the most recent census.

The proposed project includes planning, design, and construction of the first phase of a raw water intake at the Gandy tract spring-fed pond, raw water pipeline, and surface water treatment plant to provide the City of Liberty Hill with a new source water supply and treatment capacity. The first phase of this project has a planned capacity of 1,500 gpm, with an ultimate planned capacity of 6,000 gpm. The detailed project scope includes the raw water intake, a high service pump station, approximately 25 miles of 24" raw water transmission main, and an ultrafiltration surface water treatment plant supplemented by granular activated carbon filters. The project budget also includes land acquisition costs for the water line easements and surface water treatment plant site. The proposed project will allow the City of Liberty Hill to meet existing and future water supply and treatment demands for their high growth area system.

The City plans to develop an Asset Management Program in the future.

What is the need for the proposed project? Please describe any current Health and Compliance Factor and/or MCL Violations and physical deficiencies. This project will add a high-quality drinking water source for the City of Liberty Hill.

DW Cost Category TREATMENT

DW Cost Category LAND

DW Cost Category OTHER

Is the proposed project Urgent Need? N

Rating Criteria for PWS Projects

Total Storage Capacity (in gallons) 1009000.00

Total Production Capacity (MGD) 1.74

A. Has the entity's system experienced documented instances of water contaminants exceeding the primary or secondary maximum contaminant level (MCL)? Y

B. Has the entity's system experienced documented outages in the water distribution system? N

C. Is the system's documented water production capability less than 85% of the minimum required by TCEQ? N

D. Is the system's documented treated water storage capacity less than 85% of the minimum required by TCEQ (including total storage, elevated storage, and/or pressure tank)? N

E. Has the system experienced distribution system disinfection residuals of less than 0.2 mg/l free chlorine or 0.5 mg/l chloramines as applicable? N

F. Has the system experienced documented instances of water distribution pressures:

1. less than 20 PSI? N

2. less than 35 PSI? Y

G. Is the system experiencing documented water distribution losses of greater than 25%? N

H. Will the proposed project benefit any other public water systems (i.e., one the entity is currently serving or proposes to serve)? N

From: Neil E. Deeds <ndeeds@intera.com>
Sent: Tuesday, January 3, 2023 12:31 PM
To: Eatman, Sara
Cc: Stephanie Moore
Subject: Fw: Liberty hill projects relating to a consistency waiver request
Attachments: [Liberty Hill PIF# 14511.pdf](#)

*** External Email - Exercise Caution ***

From: Lann Bookout <Lann.Bookout@twdb.texas.gov>
Sent: Monday, January 2, 2023 1:19 PM
To: Neil E. Deeds <ndeeds@intera.com>; 'David Van Dresar (david@fayettecountygroundwater.com)' <david@fayettecountygroundwater.com>; Annette Keaveny <annette.keaveny@lcra.org>; Monica Masters <Monica.Masters@LCRA.ORG>
Subject: Liberty hill projects relating to a consistency waiver request

After some more detailed review. There are a total of three projects for Liberty Hill but only one appears to affect region K and is related to supply originating in Williamson Co. For two of the projects, a direct potable reuse project and an Edwards well field, source of supply is in Region G only so no action needed by Region K on those. However the third project, the Gandy Tract Pond, is located within Region K so would need support from Regs G and K in pursuit of their waiver request. Liberty Hill needs to discuss their project with Region K and until they do we could just carry the item on the agenda. Regions can take action before we get a formal request from the applicant.

If our consultant does not feel this Gandy Pond will impact region K then we can take no action on the agenda item request. For example, it might be off-channel and not connected to a tributary system that has any supply accounted for in region K.

John: I did not find any historic documentation of previous waiver request to region K. I guess we did not track them.

Lann

CAUTION: This email was received at the City of Austin, from an EXTERNAL source. Please use caution when clicking links or opening attachments. If you believe this to be a malicious and/or phishing email, please forward this email to cybersecurity@austintexas.gov.

Item 11. Consultant Report

Agenda Item 11

Consultant Report – January 11, 2023 RWPG Meeting



- a. Initial discussion of draft population projections
- b. Key Dates/Events in the next 7 months



1

Agenda Item 11

Draft Population Projections

- i. Texas Demographic Center made draft population projections available on their website:
<https://demographics.texas.gov/Data/TPEPP/Projections/>
- ii. TWDB email noted that “The TDC and the TWDB are aware of the 2020 Census statewide undercount, which was acknowledged by the U.S. Census Bureau on May 19, 2022
- iii. The U.S. Census Bureau process for reviewing potential undercounts called the Census Count Question Resolution (CQR)
- iv. CQR submissions (due June 30, 2023) will be considered by TWDB as a potential basis for revising utility-level population projections for 2026 Regional Water Plans
- v. More information in February, when DRAFT populations and municipal demand projections are provided by TWDB



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Draft Population Projections from TDC



Assume the migration rates half of those between 2010-2020. Recommended for **long-term** planning purposes.

Assume the migration rates between 2010-2020. Recommended for **near-term** planning purposes.

Migration Scenario 0.5						Migration Scenario 1.0					
County	2020	2030	2040	2050	2060	County	2020	2030	2040	2050	2060
Bastrop	97,216	109,187	122,050	134,624	146,884	Bastrop	97,216	120,901	150,018	184,520	223,711
Blanco	11,374	11,299	10,940	10,370	9,980	Blanco	11,374	11,851	11,951	11,731	11,518
Burnet	49,130	51,620	53,330	54,376	55,981	Burnet	49,130	55,262	60,627	65,257	70,323
Colorado	20,557	20,112	19,694	19,296	18,994	Colorado	20,557	19,985	19,396	18,742	18,145
Fayette	24,435	23,730	22,925	22,116	21,739	Fayette	24,435	24,270	23,782	23,237	23,121
Gillespie	26,725	26,757	26,843	27,060	27,931	Gillespie	26,725	28,366	29,831	31,307	33,419
Hays	241,067	302,810	370,692	440,396	518,515	Hays	241,067	356,181	513,812	721,388	1,003,130
Llano	21,243	20,961	20,063	19,341	19,602	Llano	21,243	23,089	23,892	24,399	25,729
Matagorda	36,255	36,124	35,839	35,338	34,689	Matagorda	36,255	35,212	34,061	32,705	31,115
Mills	4,456	4,177	3,870	3,550	3,350	Mills	4,456	4,102	3,657	3,199	2,818
San Saba	5,730	5,439	5,159	4,906	4,736	San Saba	5,730	5,310	4,873	4,426	4,035
Travis	1,290,188	1,468,068	1,590,888	1,680,712	1,752,785	Travis	1,290,188	1,572,639	1,820,417	2,035,923	2,252,137
Wharton	41,570	42,081	42,515	42,469	42,395	Wharton	41,570	41,466	41,255	40,561	39,701
Williamson	609,017	715,401	823,219	929,938	1,022,852	Williamson	609,017	815,021	1,065,394	1,360,139	1,682,556
Grand Total	2,478,963	2,837,766	3,148,027	3,424,492	3,680,433	Grand Total	2,478,963	3,113,655	3,802,966	4,557,534	5,421,458

Note: counties only partially in Region K show full county population numbers.

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Population Projections from 2022 SWP (previous plan)



TWDB 2022 SWP						
County	2020	2030	2040	2050	2060	2070
Bastrop	95,487	125,559	164,648	217,608	289,140	384,244
Blanco	13,015	15,475	16,917	17,672	18,175	18,472
Burnet	53,114	64,268	73,673	82,668	90,571	97,426
Colorado	21,884	22,836	23,544	24,582	25,449	26,293
Fayette	28,373	32,384	35,108	37,351	39,119	40,476
Gillespie	26,795	28,852	30,548	32,536	34,365	36,142
Hays	238,862	313,792	398,384	474,801	593,384	728,344
Llano	21,291	22,453	22,422	22,035	22,779	23,549
Matagorda	39,166	41,226	42,548	43,570	44,296	44,815
Mills	4,912	5,076	5,213	5,417	5,625	5,859
San Saba	6,484	6,793	6,833	6,722	6,879	7,039
Travis	1,298,624	1,538,784	1,767,636	1,936,583	2,075,875	2,233,259
Wharton	43,804	46,614	48,860	50,804	52,599	54,189
Williamson	631,097	771,834	941,827	1,141,301	1,394,412	1,643,646
Grand Total	2,522,908	3,035,946	3,578,161	4,093,650	4,692,668	5,343,753

5 of 14 counties requested and were granted a change in estimated population, many others requested GPCD or other specific municipal demand changes

County	Population	GPCD
Bastrop	Unchanged	Revised
Blanco	Unchanged	Revised
Burnet	Revised	Revised
Colorado	Unchanged	Revised
Fayette	Revised	Revised
Gillespie	Unchanged	Unchanged
Hays	Revised	Revised
Llano	Unchanged	Revised
Matagorda	Unchanged	Revised
Mills	Unchanged	Unchanged
San Saba	Unchanged	Revised
Travis	Revised	Revised
Wharton	Unchanged	Revised
Williamson	Revised	Revised

Note: counties only partially in Region K show full county population numbers.

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Sixth Cycle of Regional Water Planning (2026 Regional Water Plans)
Working Schedule (as of October 2021)^A

Item	Entity	Activity	Planning SOW Task # ^B	2021												2022												2023											
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr								
1	TWDB	RFA for regional water planning grant posted and applications due																																					
2	TWDB/RWPG	Initial planning contract execution deadline																																					
3	TWDB/RWPG	Anticipated additional contracting activities																																					
4	TWDB	Regional Water Planning rules update																																					
5	TWDB	TWDB/BEG Mining study	2A																																				
6	RWPG	RWPGs hold pre-planning & coordination meeting (before technical work begins)	10																																				
7	TWDB	Municipal WUG list, GPCD, historical population, and water use released	2B																																				
8	RWPG	Review municipal WUG list, GPCD, historical population, and water use; provide feedback to TWDB	2B																																				
9	TWDB	Draft Livestock, Manufacturing, and Steam Electric Power demand projections released	2A																																				
10	TWDB	Draft Irrigation and Mining projections released	2A																																				
11	TWDB	Draft Population and Municipal demand projections released	2B																																				
12	RWPG	Review draft projections and finalize adjustments with TWDB staff	2A, 2B																																				
13	TWDB	TWDB Board adopts projections	2A, 2B																																				
14	TWDB	DB27 prepared for data entry ^{C,D}																																					
15	TWDB/RWPG	DB27 individualized training for consultants																																					
16	TWDB	Updated MAGs released																																					
17	RWPG	Evaluate water availability and existing water supplies																																					
18	RWPG	Identify water needs																																					
19	RWPG	Technical Memo due																																					
20	RWPG	Identify potentially feasible WMSs																																					

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Key Dates/Events in the next 7 months



- 1. **Early February:** P&WD Committee – focus on all non-municipal demands
- 2. **February:** draft population and municipal demand projections from TWDB – begin review and discussion of requests for changes in each county
- 3. **Early March:** P&WD Committee meets - first discussion of draft municipal demands and required changes
- 4. **Late April:** Region K meeting – goal is to have non-municipal demands ready to bring forward
- 5. **April-June:** work continues on any requests for changes to population and municipal demands in each county, P&WD Committee meetings as needed
- 6. **July 14:** Requests for revisions for non-municipal demands are due to the TWDB
- 7. **late July:** Region K meeting – goal is to have recommendations for population and municipal demands ready to bring forward
- 8. **August:** Requests for revisions for municipal demands are due to the TWDB

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Supplemental Information



Various public data sources may be referenced during committee meetings, including:

1. Planning Data Dashboard at <http://www.twdb.texas.gov/waterplanning/data/projections/index.asp>
2. Initial Scope of Work for 2026 Regional Water Plans at https://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/projectdocs/InitialSOW_2026RWPs.pdf
3. General Guidelines for Development of the 2026 Regional Water Plans at https://www.twdb.texas.gov/waterplanning/rwp/planningdocu/2026/projectdocs/2026RWP_ExC_Initialtasks.pdf

Item 13. Financial Report

The Lower Colorado River Water Planning Group (Region K)

January 11, 2023

Region K Members Fund Balance 11/30/2022: \$ 2,495.30

Administrative Expenses for Region K Grant Fund approval:

Task 10 – Cycle 6 - Admin Expense Budget \$6,000.00

Prior approved expenses (1/26/22, 4/26/22)

8/31/2021 LCRA – Blue Host Domain Name \$17.99

8/24/2021 LCRA – Texas Press Invoice # 15355 \$4,396.50

8/24/2021 LCRA – Postage for mailout \$244.29

2/15/2022 LCRA – Squarespace Inc. \$233.82
Region K web page

3/29/2022 LCRA – EIG Bluehost.com \$453.86
Three year – Doman name and email hosting
For Region K website

Task 10 – Cycle 6 - Admin Expense Total Remaining
for future public notices/postage/website

\$653.54

Contractor Expenses for Region K Grant Fund:

Technical Consultant Contract Summary: INTERA Team PO#131282

Labor per Task		Budget	Jan-22	May-22	Total	Remaining	% Complete
<i>Task Breakdown</i>			<i>Inv# 02-22-105</i>	<i>Inv# 05-22-16</i>			
Task 1	Planning Area Description	\$11,312.00	\$1,440.00	\$5,542.00	\$6,982.00	\$4,330.00	62%
Task 2A	Non-municipal Water Demand Projections	\$22,016.00	\$90.00	\$5,276.00	\$5,366.00	\$16,650.00	24%
Task 2B	Population & Municipal Water Demand Projections	\$35,116.00	\$180.00	\$7,191.48	\$7,371.48	\$27,744.52	21%
Task 8	Recommendations/Unique Stream Segments/Reservoir Sites and Legislatives/Regional Policy Issues	\$9,633.00	\$0.00	\$0.00	\$0.00	\$9,633.00	0%
Task 10	Public Participation & Plan Adoption	\$77,503.00	\$4,620.32	\$9,152.71	\$13,773.03	\$63,729.97	18%
TOTAL		\$155,580.00	\$6,330.32	\$27,162.19	\$33,492.51	\$122,087.49	22%
Less 5% Retainage		\$(7,779.00)	<u>\$0.00</u>	\$(1,674.63)	\$(1,674.63)	\$(6,104.37)	
TOTAL		\$147,801.00	\$6,330.32	\$25,487.56	\$31,817.88	\$115,983.12	22%

*Note that retainage was not withheld from January invoice, so it is withheld here as requested. Thus, invoice total is \$27,162.19 - 1,358.11 - 316.52 = \$25,487.56.