

Public Hearing on the  
South Central Texas Region (Region L)  
2021 Initially Prepared Plan (IPP) of the  
Regional Water Plan  
[www.RegionLTexas.org](http://www.RegionLTexas.org)

**All Attendees, Please  
Sign-In at This Website (Link is also  
available in the GoToMeeting Chat):**

<https://forms.gle/aXLk2H4G7D8PuZ8H9>

Black &  
Veatch

1

**If you would like to submit a  
formal verbal comment as  
public testimony during this  
IPP Hearing:**

Sign-up to speak at Google Doc:

<https://forms.gle/aXLk2H4G7D8PuZ8H9>

Black &  
Veatch

2

# Agenda

6:00 p.m. Welcome and Meeting Overview – Caitlin Heller, Intergovernmental Coordinator, SARA

Presentation on the Initially Prepared Plan – Lauren Gonzalez, Planning and Regulatory Permitting Lead, Black & Veatch

*5-MINUTE BREAK*

6:45 p.m. Public Hearing Begins – Caitlin Heller

ADJOURN when last person signed up to speak completes their verbal comment.

Black & Veatch

## Sign-In Sheet

Sign-up to speak at Google Doc  
(Link is also available in the  
GoToMeeting Chat):

<https://forms.gle/aXLk2H4G7D8PuZ8H9>

### 5/21/2020 Initially Prepared Plan Public Hearing

Please Sign In Through the Form Below

\* Required

Your Name \*

Your answer

Your Email \*

Your answer

Your Zip Code \*

Your answer

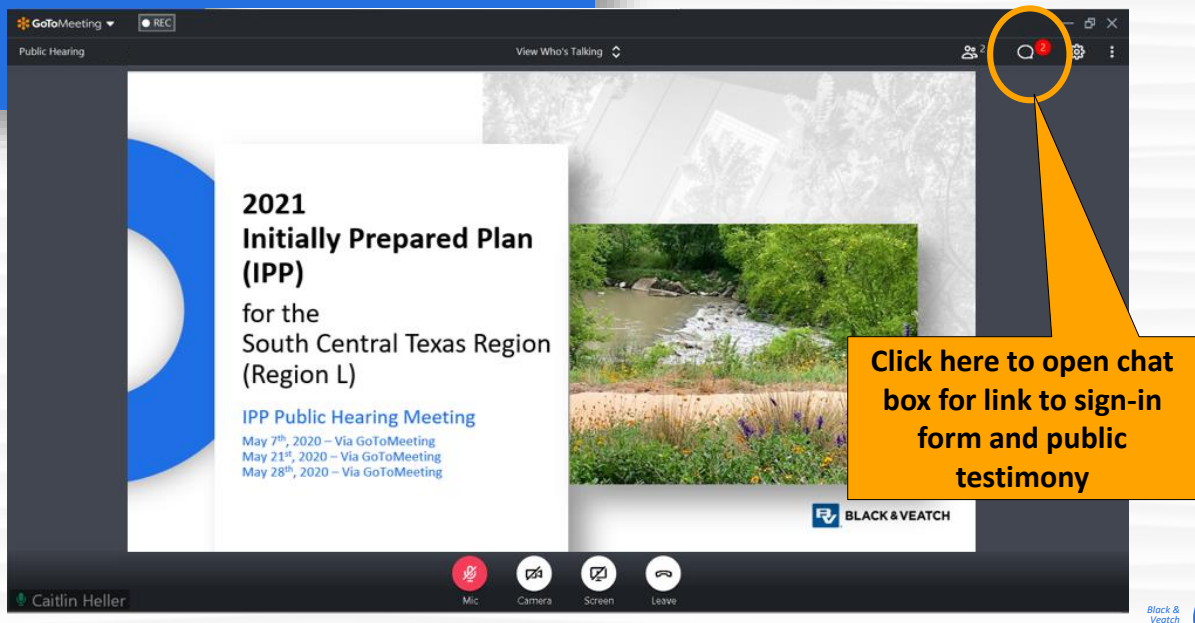
Your Organization (write N/A if not applicable)

Your answer

Black & Veatch

4

## Getting Oriented to GoToMeeting



**2021  
Initially Prepared Plan  
(IPP)  
for the  
South Central Texas Region  
(Region L)**

**IPP Public Hearing Meeting**  
May 7<sup>th</sup>, 2020 – Via GoToMeeting  
May 21<sup>st</sup>, 2020 – Via GoToMeeting  
May 28<sup>th</sup>, 2020 – Via GoToMeeting

**Click here to open chat box for link to sign-in form and public testimony**

BLACK & VEATCH

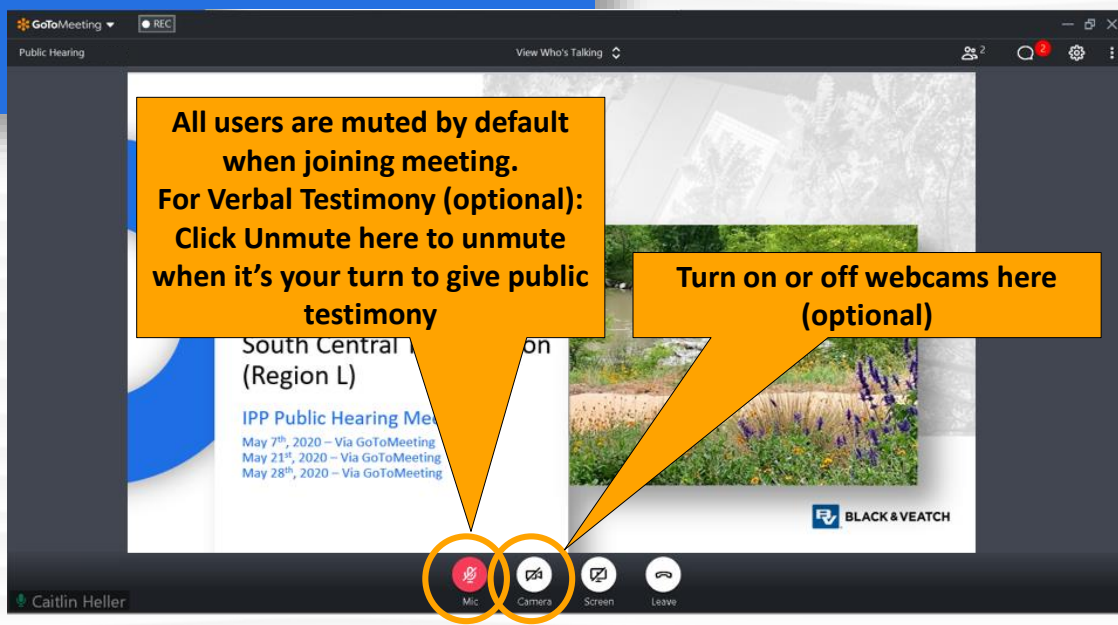
Caitlin Heller

Mic Camera Screen Leave

Black & Veatch

5

## Getting Oriented to GoToMeeting



**All users are muted by default when joining meeting.  
For Verbal Testimony (optional):  
Click Unmute here to unmute when it's your turn to give public testimony**

**Turn on or off webcams here (optional)**

South Central Texas Region (Region L)

**IPP Public Hearing Meeting**  
May 7<sup>th</sup>, 2020 – Via GoToMeeting  
May 21<sup>st</sup>, 2020 – Via GoToMeeting  
May 28<sup>th</sup>, 2020 – Via GoToMeeting

BLACK & VEATCH

Caitlin Heller

Mic Camera Screen Leave

Black & Veatch

6

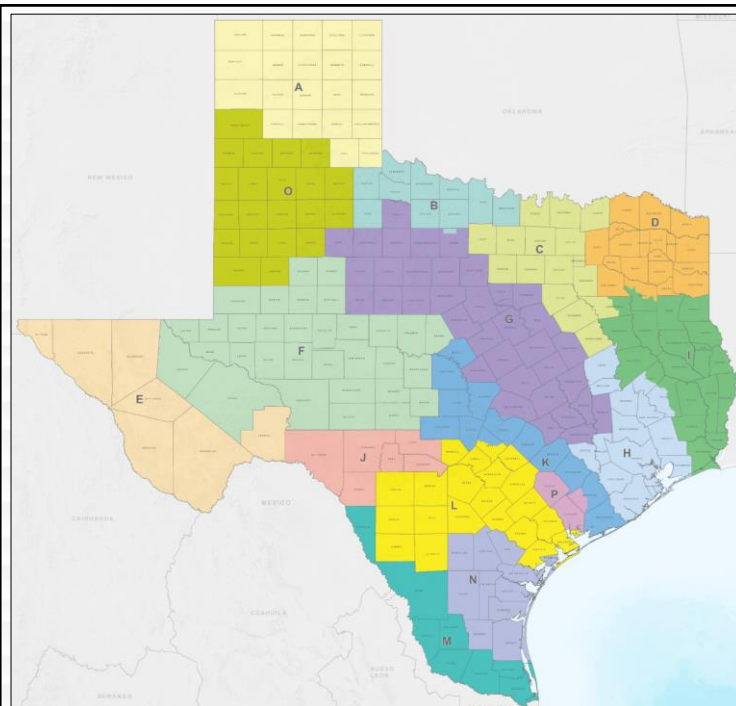
# 2021 Initially Prepared Plan (IPP) for the South Central Texas Region (Region L)

## IPP Public Hearing Meeting

May 7<sup>th</sup>, 2020 – Via GoToMeeting  
May 21<sup>st</sup>, 2020 – Via GoToMeeting  
May 28<sup>th</sup>, 2020 – Via GoToMeeting



BLACK & VEATCH

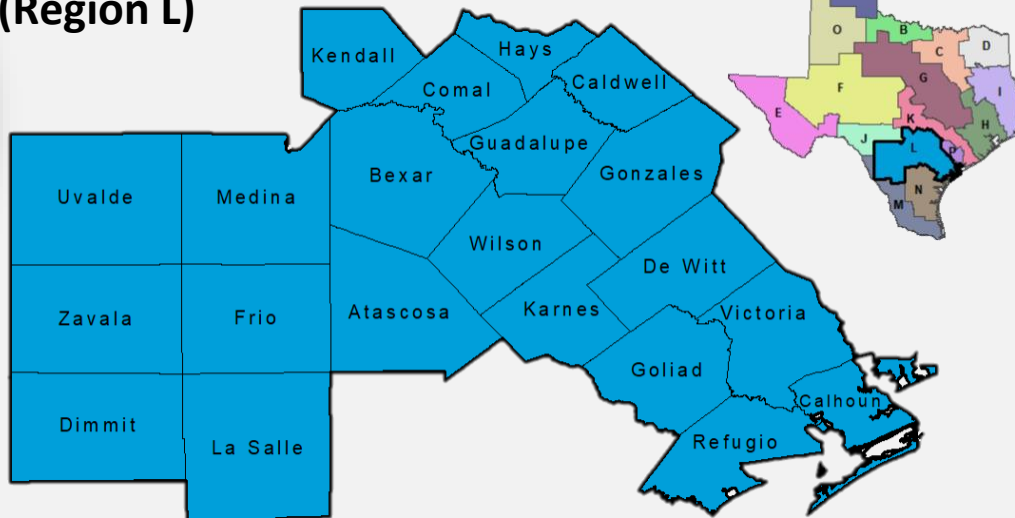


## Regional Water Planning Areas

- 16 Planning Areas in Texas
- Follow political boundaries, river basins, or other geopolitical boundaries
- Plan is administrated by government entity

Black & Veatch

## South Central Texas Planning Region (Region L)



Black &amp; Veatch

9

## Interests Represented by South Central Texas Regional Water Planning Group (SCTRWPG)

- Public
- Counties
- Municipalities
- Industry
- Agriculture
- Environment
- Small Business
- Electric Generating Utilities
- River Authorities
- Water Districts
- Water Utilities
- Groundwater Management Areas

31 Voting Members, 1 Vacant (Small Business)

Black &amp; Veatch

10

## Planning Cycles

- Regional and State Water Plans are prepared in 5-year cycles, for 50-year planning horizon
  - First Plan completed in 2001
  - Updated in 2006, 2011, and 2016
- 2021 Region L Water Plan
  - Work began in late 2016
  - 2021 Initially Prepared Plan was adopted by SCTRWPG on February 20, 2020
  - Final plan to be submitted to Texas Water Development Board (TWDB) October 14, 2020

Black &amp; Veatch

11

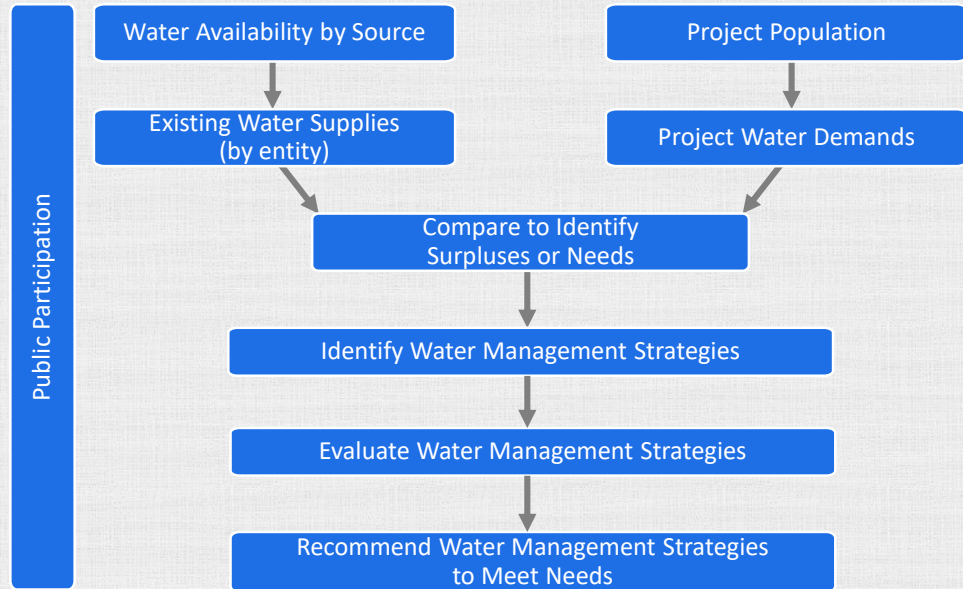
## Public Participation

- Public involvement is integral in regional water planning process
- Quarterly public meetings
  - All planning group materials are posted on Region L website ([www.regionltexas.org](http://www.regionltexas.org))
  - Meetings open to the public
  - Public comments are accepted at beginning and closure of meetings
- Public hearing is to be held to present IPP and solicit public comment
  - Region L will have 3 public hearings on IPP (May 7, 21, and 28)

Black &amp; Veatch

12

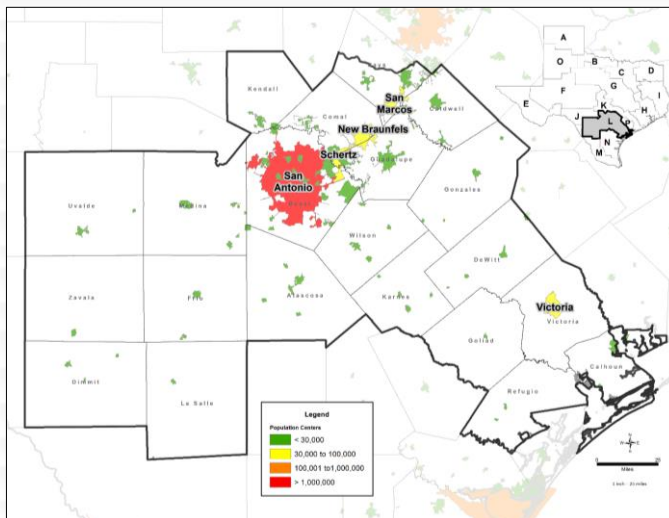
## Planning Process



Black &amp; Veatch

13

## Plan Overview



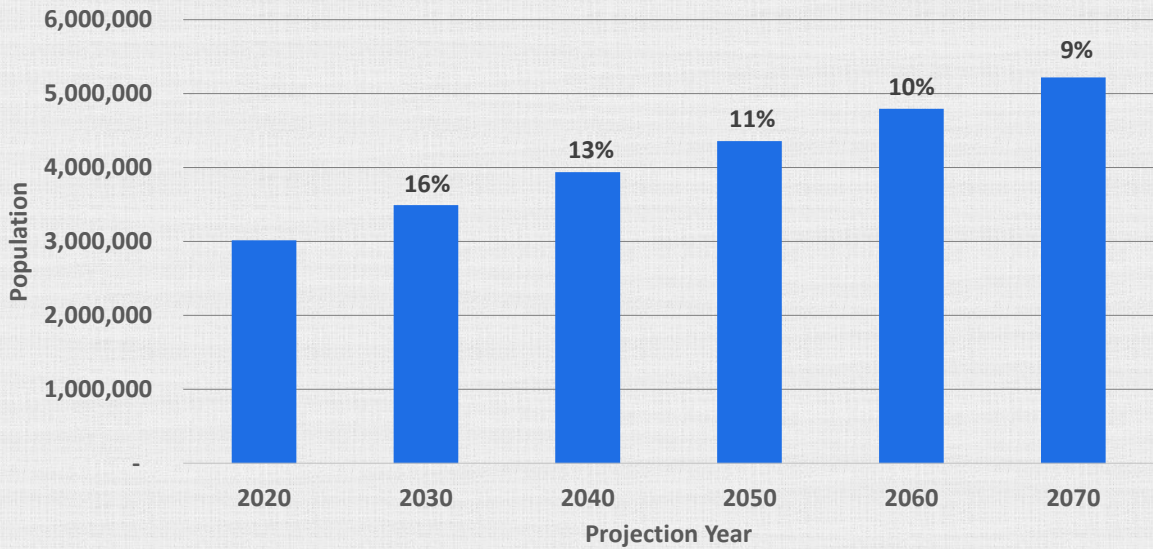
### Population Centers

- Population estimates are based on 2010 Census data
- Over the 50-year planning horizon, the region's population is expected to grow by 73%, reaching about **5.2 million people by 2070**.

Black &amp; Veatch

14

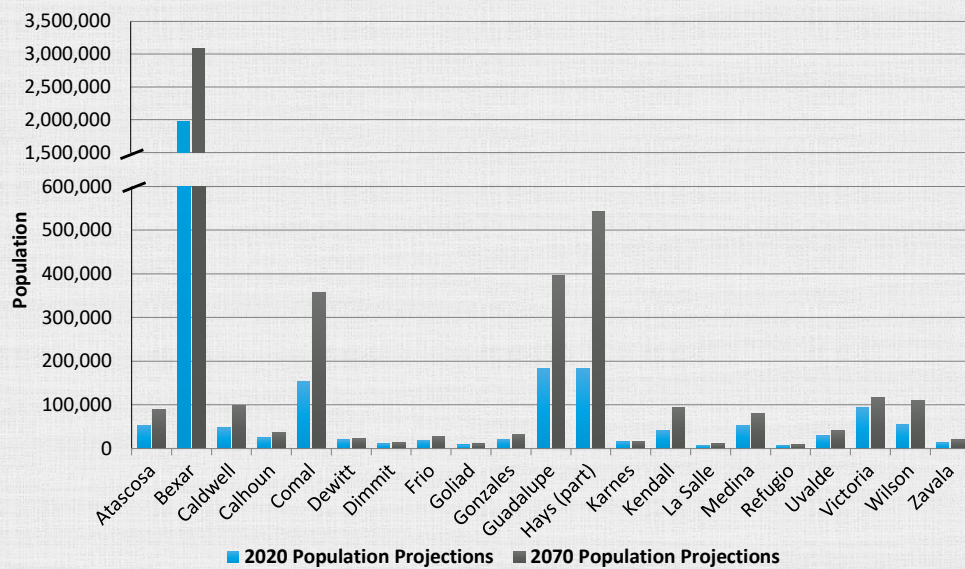
## Region L Population



Black &amp; Veatch

15

## Population Projections by County

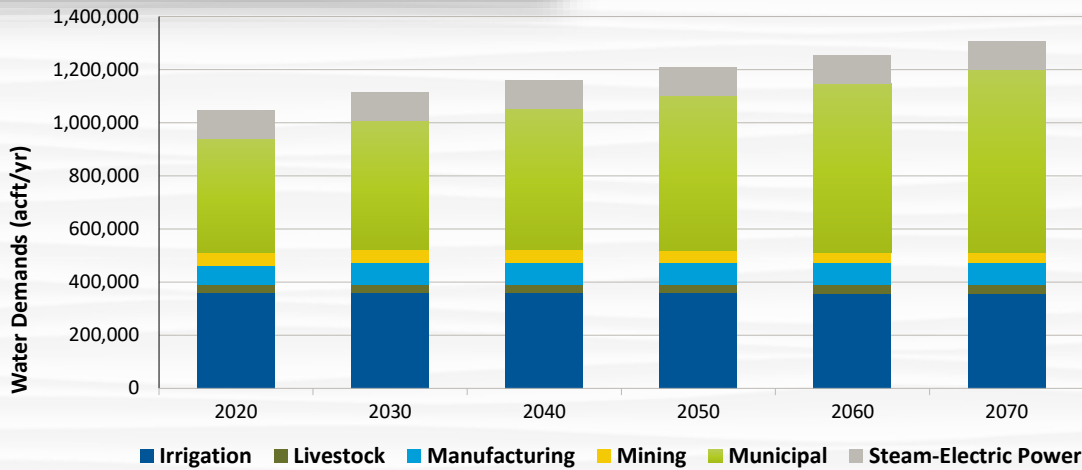


Black &amp; Veatch

16

## Water Demands

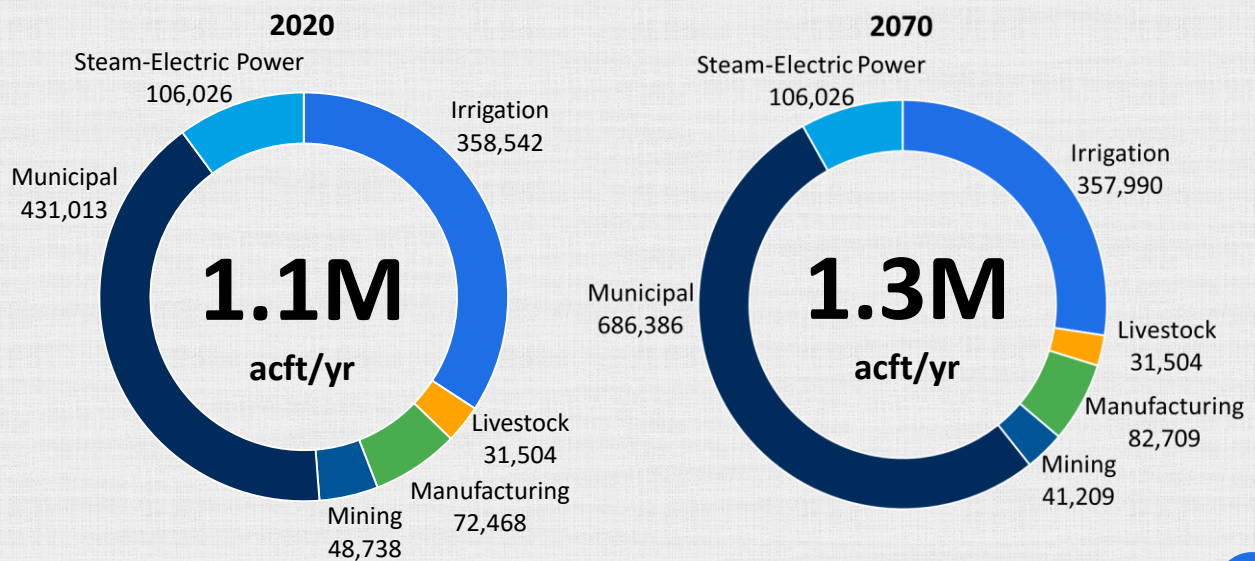
**Municipal water demand will increase 60% during the planning period**



Black &amp; Veatch

17

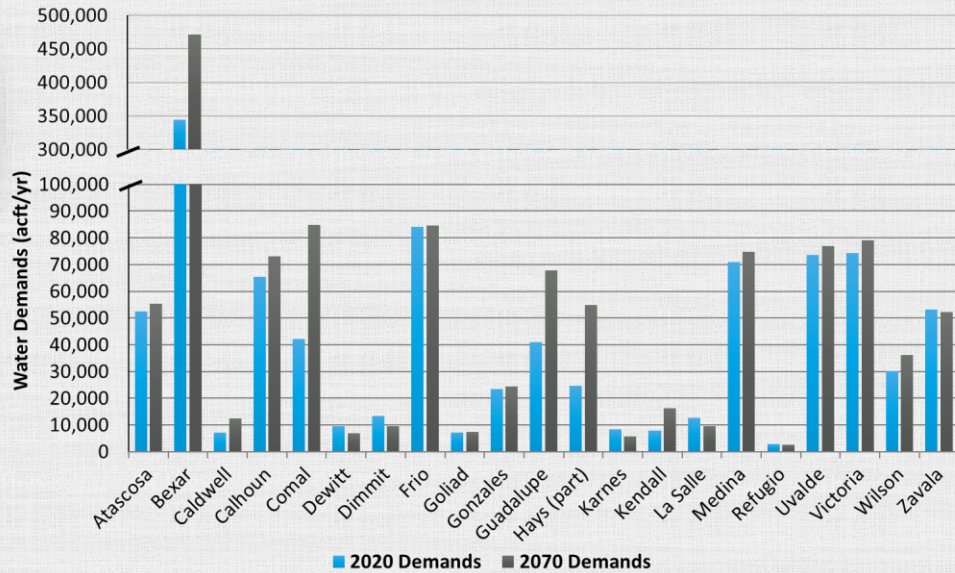
## Region L Water Demands



Black &amp; Veatch

18

## Water Demand Projections by County



Black &amp; Veatch

19

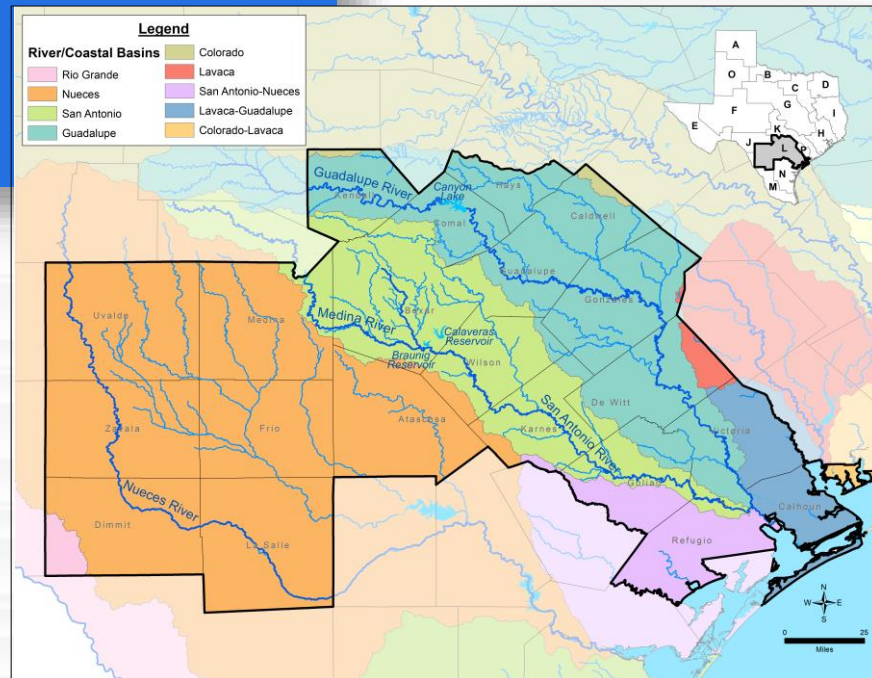
## Sources of Supply

- Surface Water
  - Run-of-River Water Rights
  - Canyon Reservoir
  - Calaveras Lake
  - Lake Braunig
  - Coletto Creek Reservoir
- Reuse/Recycle Water
- Groundwater
  - Edwards Aquifer
  - Carrizo-Wilcox Aquifer
  - Trinity Aquifer
  - Gulf Coast Aquifer
  - Others

Black &amp; Veatch

20

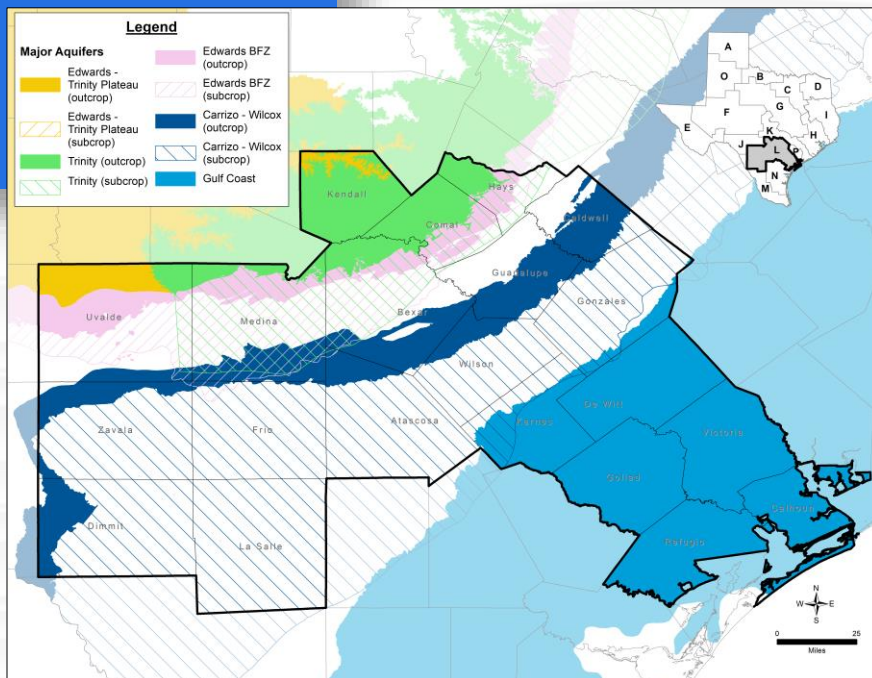
## River Basins



Black &amp; Veatch

21

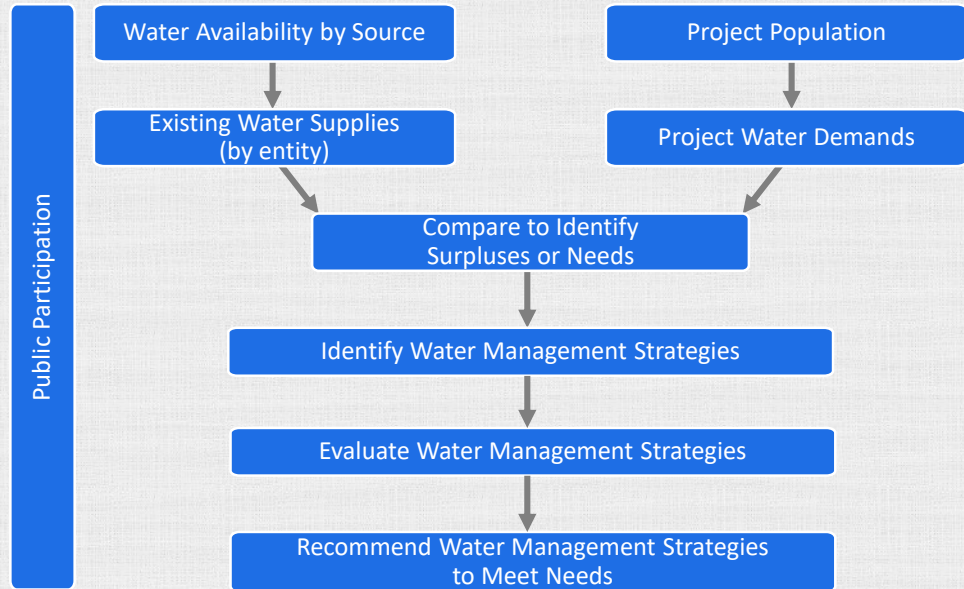
## Major Aquifers



Black &amp; Veatch

22

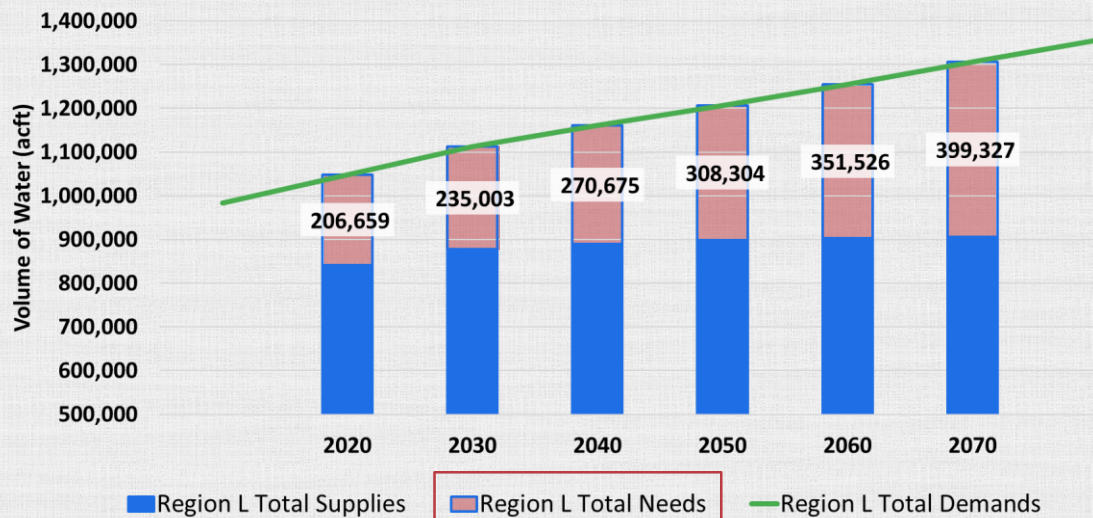
## Planning Process



Black &amp; Veatch

23

## Water Needs

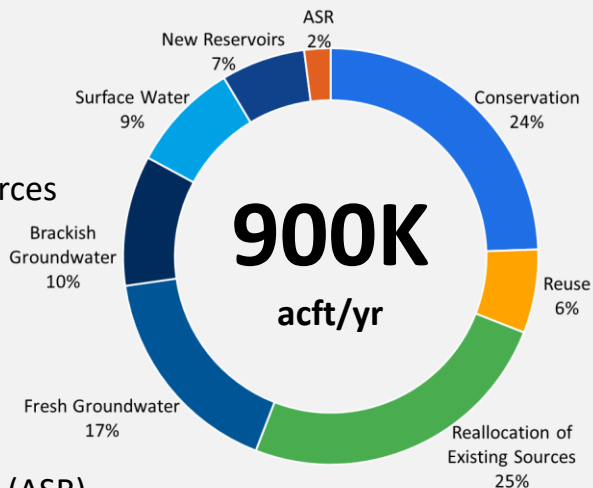


Black &amp; Veatch

24

## Recommended Water Management Strategies (2070)

- Conservation
- Reuse
- Reallocation of Existing Sources
- Fresh Groundwater
- Brackish Groundwater
- Surface Water
- New Reservoirs
- Aquifer Storage & Recovery (ASR)

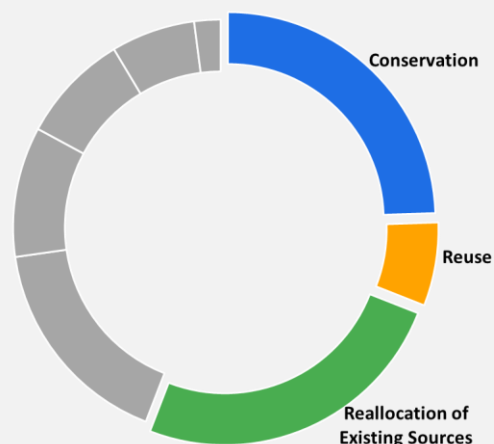


Black &amp; Veatch

25

## Recommended Water Management Strategies

- Conservation
  - Drought Management
  - Advanced Municipal Conservation
- Reuse
- Reallocation of Existing Sources
  - Edwards Transfers
  - Local Groundwater Conversions
  - Facilities Expansion



Black &amp; Veatch

26

## Recommended Water Management Strategies

### Conservation, Reuse, & Reallocation of Existing Sources

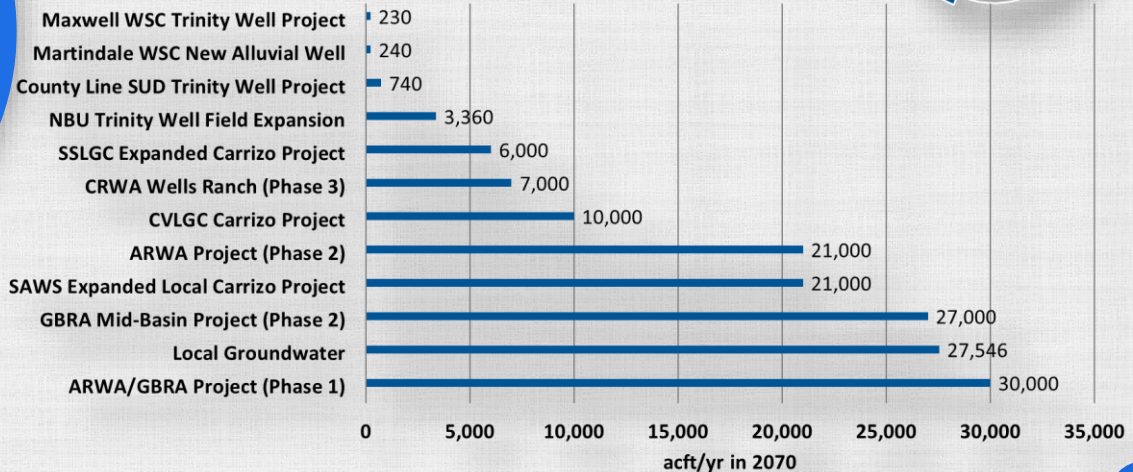


Black &amp; Veatch

27

## Recommended Water Management Strategies

### Fresh Groundwater

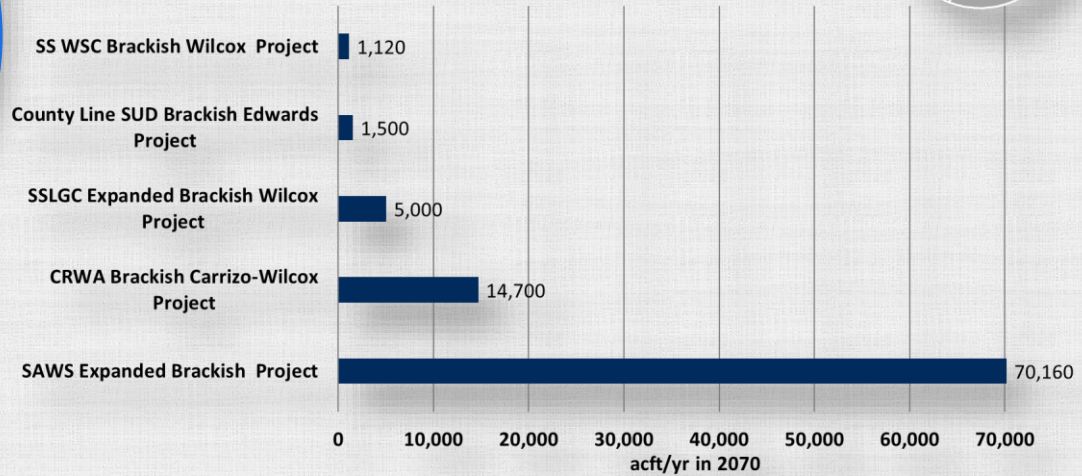


Black &amp; Veatch

28

## Recommended Water Management Strategies

### Brackish Groundwater

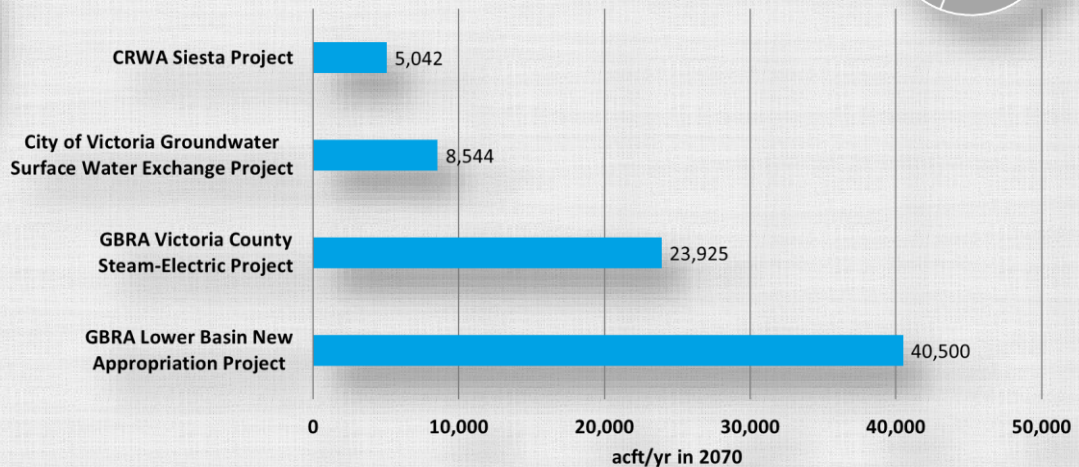


Black &amp; Veatch

29

## Recommended Water Management Strategies

### Surface Water

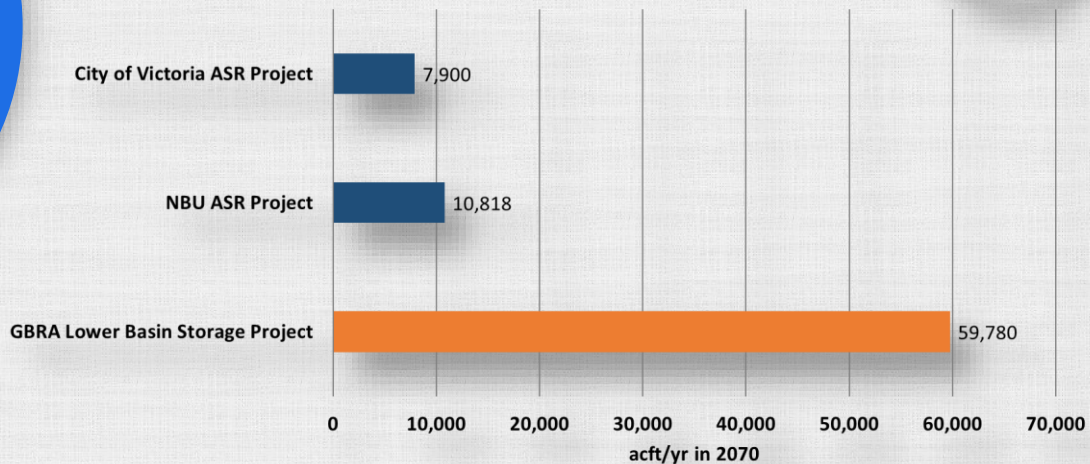


Black &amp; Veatch

30

## Recommended Water Management Strategies

### New Reservoirs & Aquifer Storage and Recovery (ASR)



Black &amp; Veatch

31

## Next Steps

Written public comment accepted until July 20

RWPG Holds IPP Public Hearings

May 7, 21 & 28

RWPG considers and addresses all comments

July 30

RWPG adopts **FINAL PLAN**

September 3

RWPG Submits Final Regional Plan to TWDB

October 14

Black &amp; Veatch

32

**If you would like to submit a formal verbal comment as public testimony during this IPP Hearing:**

Sign-up to speak at Google Doc  
(link also provided in chat):

<https://forms.gle/aXLk2H4G7D8PuZ8H9>

Black &  
Veatch

33

**Anytime before July 20<sup>th</sup>, you can submit written comments:**

- By Mail:  
Caitlin Heller  
San Antonio River Authority  
100 E Guenther St.  
San Antonio, TX 78204
- By Email:  
[cheller@sara-tx.org](mailto:cheller@sara-tx.org)

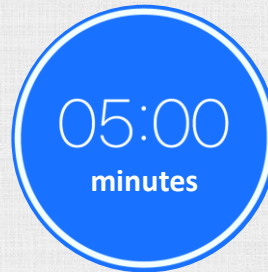


The Final 2021 Regional Water Plan will be submitted to the Texas Water Development Board by October 14, 2020, for approval and integration into the 2022 State Water Plan.

Black &  
Veatch

34

## WE WILL RESUME MEETING IN



If you would like to submit a formal verbal comment as public testimony during this IPP Hearing, please sign-up at this link:

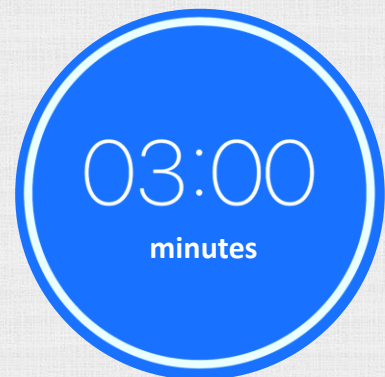
<https://forms.gle/aXLk2H4G7D8PuZ8H9>

Black & Veatch

35

## Public Testimony

- 3-minute public testimony per person



Sign-up to give a public testimony here:

<https://forms.gle/aXLk2H4G7D8PuZ8H9>

Black & Veatch

36

## Anytime before July 20<sup>th</sup>, you can submit written comments:

- By Mail:  
Caitlin Heller  
San Antonio River Authority  
100 E Guenther St.  
San Antonio, TX 78204
- By Email:  
[cheller@sara-tx.org](mailto:cheller@sara-tx.org)



The Final 2021 Regional Water Plan will be submitted to the Texas Water Development Board by October 14, 2020, for approval and integration into the 2022 State Water Plan.